

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : BATTALION 31/ DIVISION 11 / BROOKLYN BOROUGH COMMANDER
Address : 172 TILLARY STREET
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSECO.207 / 13103 **Yr Built/Renovated** : 1971 /
Area Sq Ft : 21,900 **Project Type** : FIRE DEPARTMENT
Date of Survey : 03-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 134 **Lot** : 6 **BIN** : 3000252

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

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
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%	Now	\$72,500	LIFE	* *	5	\$12,300	
Rusting Masonry Supt, Extent : Moderate, Area Affected : 15%								
Location : Lintels Supporting Masonry Above Windows And Brick Reliefs.								
Metal Sect. OHD	10%			2039	* *	5	\$6,400	
Granite Panels	30%	Now	\$12,800	LIFE	* *	5	\$4,600	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	50%	Now	\$16,600	2051	* *	5	\$200	
Unit Inoperable, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Aluminum	50%			2034	* *	5	\$400	
Parapets								
Masonry: Brick	82%	Now	\$13,600	LIFE	* *	5	\$4,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Missing Portion Of Brick Parapet @ Front Facade, Roof Level								
Metal Cornice	5%			2054	* *	10	\$900	
Metal Rail	3%	Now	\$100	2031	* *	5	\$1,300	
Loose/Miss Fasteners, Extent : Light, Area Affected : 10%								
Location : Front Facade								
Granite Panels	10%			LIFE	* *	5-10	\$7,000	
Roof								
Modified Bitumen	100%	Now	\$8,600	2031	* *			
Alligating, Extent : Light, Area Affected : 15%								
Location : Asphalt Joints Throughout.								
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$6,500	LIFE	* *	5	\$28,100	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor And Stair Shaft Landings.								
Ceramic Tile	10%			2035	* *	5	\$3,200	
Terrazzo	10%			LIFE	* *	5	\$5,000	
Vinyl Tile 9" X 9"	40%	4+	\$138,200	2036	* *	3	\$4,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 1st Floor Office								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout 2nd Floor								
Other Observation, Extent : Light, Area Affected : 12%								
Location : Partial Renovation On 2nd Floor								
Explanation : Currently Under Construction								

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Asset # : 13103

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System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Interior									
Interior Walls									
Ceramic Tile	10%			2035	**	5	\$2,100		
Concrete Masonry Unit	5%	Now	\$4,600	LIFE	**	5	\$400		
Diagonal Cracks, Extent : Light, Area Affected : 15%									
Location : Mechanical Penthouse.									
Gypsum Board	10%			LIFE	**	5-10	\$3,600		
Other Observation, Extent : Moderate, Area Affected : 90%									
Location : Partial Renovation @ 2nd Floor Spaces									
Explanation : Currently Under Construction									
Plaster	35%			LIFE	**	5-10	\$6,300		
SGFT/Glazed Masonry	25%	Now	\$10,000	LIFE	**				
Broken/Missing Elements, Extent : Light, Area Affected : 10%									
Location : Gymnasium And Apparatus Floor.									
SGFT/Glazed Masonry	15%			LIFE	**	10	\$1,600		
Ceilings									
AcousTileSusp.Lay-In	10%			2046	**	5	\$1,000		
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Partial Renovation @ 2nd Floor Spaces									
Explanation : Currently Under Construction									
Exposed Concrete	35%			LIFE	**	5-10	\$4,500		
Plaster	55%	0-2	\$7,300	LIFE	**	5	\$3,600		
Paint Peeling, Extent : Light, Area Affected : 2%									
Location : Stair Shaft And Shower Area On 2nd Floor									
Worn/Eroded, Extent : Moderate, Area Affected : 20%									
Location : Kitchen And 2nd Floor Throughout									

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Under 600 Volts								
Service Equipment								
	Not Accessible	100%						
Switchgear / Switchboard								
	Not Accessible	100%						
Raceway								
	Conduit	50%			2026	\$15,300	1	
	Conduit	50%			2046	* *	1	
Panelboards								
	Molded Case Bkrs	75%			2042	* *	5	
	Molded Case Bkrs	25%			2025	\$9,400	5	
Wiring								
	Thermoplastic	100%			2036	* *	1	
Motor Controllers								
	Motor Control Center	100%			2024	\$14,100	5	
						\$600		

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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

Ground

Grounding Devices	
Not Accessible	100%

Lighting

Interior Lighting									
Fluorescent	99%			2031		* *	10	\$19,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Throughout Building</i>									
<i>Explanation : T-8</i>									
Incandescent	1%			2021		\$1,400	2		
Exterior Lighting									
HID	50%			2021		\$40,400	10		
No Component	50%								

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

Heating

Energy Source									
Natural Gas	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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System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	40%			2026	\$46,100	1	\$5,400	
Convactor/Radiator	43%			2031	* *	1	\$3,000	
Convactor/Radiator	15%			2046	* *	1	\$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor								
Explanation : Serves Space Currently Being Renovated								
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	\$43,600	1	\$6,100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof Mechanical Room								
Ext Pkg Unit - Cooling	20%			2031	* *	2	\$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R 410a								
Window/Wall Unit	20%			2021	\$8,800	1		
Distribution								
Chilled Wtr Pipe/Pump	60%			2036	* *	4	\$600	
Ductwork/Diffusers	40%			LIFE	* *	2	\$14,200	
Terminal Devices								
Air Handler/Cool/Ht	60%			2026	\$54,500	1	\$8,100	
No Component	40%							
Heat Rejection								
Water Cool Tower	60%			2024	\$36,800	2	\$13,200	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$19,300	
Exhaust Fans								
Interior	60%			2026	\$14,200	2	\$400	
Roof	40%	Now	\$100	2026	\$6,800	2	\$200	
Noisy/Vibrating, Extent : Light, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Electric	100%			2021	\$3,300	4	\$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 - 120 Gallon Units								

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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								
	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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : BATTALION 45 OLD EMS STATION 46
Address : 58-65 52ND ROAD @ E.106 ST
Borough : QUEENS **Agency's Number** : N/A
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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$458,300	\$389,000
Interior Architecture	\$145,200	\$29,000
Electrical	\$99,600	\$64,700
Mechanical		\$41,000
Total	\$703,100	\$523,800
Importance Code A	\$458,300	\$389,000
Importance Code B	\$244,700	\$134,800
Total	\$703,100	\$523,800

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



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

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	10%	Now	\$41,500	LIFE	* *	5	\$3,200	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
	Location : East And West Facades							
	Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
	Location : East Facade, West Facade							
	Vertical Cracks, Extent : Moderate, Area Affected : 10%							
	Location : East Facade							
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	\$284,400	2030	* *	5	\$41,900	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
	Location : At Northeast Corner							
	Cracking/Crumbling, Extent : Severe, Area Affected : 25%							
	Location : Corners, North And West Facades							
Windows								
Aluminum	75%			2041	* *	5	\$4,500	
Steel	25%	Now	\$77,000	2050	* *	5	\$9,400	
	Air Infiltration, Extent : Severe, Area Affected : 50%							
	Location : Garage							
	Broken/Missing Elements, Extent : Severe, Area Affected : 50%							
	Location : Garage							
	Corrosion/Rusting, Extent : Severe, Area Affected : 50%							
	Location : Garage							
Parapets								
Cast Stone/Terra Cotta	5%	Now	\$3,900	LIFE	* *	5	\$2,400	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
	Location : Coipng							
	Caulking Deteriorated, Extent : Moderate, Area Affected : 50%							
	Location : Coping							
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	\$41,700	2025	\$208,300			
	Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 25%							
	Location : West Facade							
	Ponding, Extent : Moderate, Area Affected : 75%							
	Location : Flat Roof							
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : Flat Roof Over Office							
Modified Bitumen	40%	Now	\$13,900	2025	\$138,900			
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : Over Emergency Response Area							

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

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	45%	Now	\$145,200	LIFE	**	5	\$31,300	
	Cracking/Crumbling, Extent : Severe, Area Affected : 50%							
	Location : Emergency Response Area							
	Loose/Delam Surface, Extent : Severe, Area Affected : 50%							
	Location : Emergency Response Area							
	Uneven Surface, Extent : Severe, Area Affected : 50%							
	Location : Emergency Response Area							
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	\$28,300	LIFE	**	1		
	Broken/Missing Elements, Extent : Severe, Area Affected : 25%							
	Location : Emergency Response Area							
	Deformed/Dented, Extent : Moderate, Area Affected : 25%							
	Location : Emergency Response Area							
	Uneven Surface, Extent : Moderate, Area Affected : 50%							
	Location : Emergency Response Area							
Vinyl Tile	11%			2025	\$29,000	3	\$1,300	
Vinyl Tile	30%			2030	**	3	\$3,600	
Interior Walls								
Ceramic Tile	5%			2034	**	5	\$2,200	
Concrete Masonry Unit	70%			LIFE	**	5	\$12,600	
Gypsum Board	25%			LIFE	**	5	\$6,700	
Ceilings								
AcousTileConcealSpLn	20%			2038	**	5	\$7,900	
AcousTileSusp.Lay-In	15%			2030	**	5	\$4,800	
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : Office							
Exposed Struc: Steel	65%			LIFE	**			
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : Emergency Response Area							

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

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BATTALION 45 OLD EMS STATION 46
Asset # : 4438

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	80%			2025	\$24,500	1		
Conduit	20%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2033	* *	5	\$100	
Molded Case Bkrs	60%			2024	\$22,600	5	\$400	
Molded Case Bkrs	20%			2041	* *	5	\$100	
Molded Case Bkrs	10%			2033	* *	5	\$100	
Wiring								
Thermoplastic	80%			2025	\$21,700	1		
Thermoplastic	20%			2045	* *	1		
Ground								
Grounding Devices								
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	\$26,600	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	\$16,600	10	\$100	
Egress Lighting								
Emergency, Service	50%			2030	* *	1		
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2020	\$99,600	10	\$100	

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

Alarm

Security System

No Component

70%

Generic

30%

2025

\$23,900

1

\$3,000

*Other Observation, Extent : 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

\$27,300

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

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

5%

2035

* *

1

Natural Gas

95%

2035

* *

1

Conversion Equipment

Furnace

10%

Now

\$2,500

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

\$15,200

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

\$4,600

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.*

Maintenance \$ are aggregated over a ten-year period. 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

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								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2025	\$41,000	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	\$6,800	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	\$2,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,800	
Exhaust Fans								
Roof	90%			2025	\$14,800	2	\$600	
Wall Unit	10%			2020	\$3,100	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		
Water Heater								
Gas Fired	100%			2020	\$4,800	2	\$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2020	\$2,000	1	\$1,300	
Fixtures								
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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : BATTALION ENG. CO. 45/LAD CO. 58
Address : 925 EAST TREMONT AVENUE
Borough : BRONX **Agency's Number** : N/A
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 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$133,700
Interior Architecture	\$153,700	\$75,700
Electrical		\$151,500
Total	\$153,700	\$360,900
Importance Code A		\$133,700
Importance Code B	\$153,700	\$227,200
Total	\$153,700	\$360,900

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	20%	Now	\$4,500	2046	**			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Vinyl Vent Soffit At Roof Level								
Masonry: Brick	55%	Now	\$28,100	LIFE	**	5	\$19,100	
Spalling, Extent : Light, Area Affected : 10%								
Location : Rear Facade								
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Rear Facade								
Masonry: Brick	13%			LIFE	**	5	\$9,000	
Masonry: Granite	2%			LIFE	**	5	\$1,000	
Metal Sect. OHD	5%			2031	**	5	\$5,400	
Stucco Cement	5%	Now	\$4,900	2031	**	5	\$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : East Roof Wall								
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : East Roof Wall								
Windows								
Aluminum	100%			2042	**	5	\$3,000	
Parapets								
Masonry: Brick	85%			LIFE	**	5-10	\$24,400	
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Main Roofs								
Masonry: Granite	5%			LIFE	**	5-10	\$2,900	
Masonry: Limestone	10%			LIFE	**	5-10	\$5,100	
Roof								
Modified Bitumen	100%	Now	\$2,700	2026	\$133,700			
Alligatoring, Extent : Moderate, Area Affected : 70%								
Location : Roof Lap Seams.								
Blisters, Extent : Light, Area Affected : 5%								
Location : Engine Side.								
Debris Present, Extent : Moderate, Area Affected : 15%								
Location : Lower Roof Area								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor Hatch.								
Explanation : Internal Fixed Hatch Ladder Pulling From Masonry.								

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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$46,300	LIFE	* *	5	\$19,900	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Both Building Apparatus Floors.								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Basement 1932 Section								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 1932 Section								
Explanation : Apparatus Floor Slab Is Old And Does Not Carry Current Loads - Needs Replacement On 1932 Side								
Ceramic Tile	10%			2035	* *	5	\$2,300	
Quarry Tile	5%	Now	\$600	2031	* *	5	\$900	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	\$1,800	
Vinyl Tile	40%			2021	\$75,700	3	\$4,600	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2029	* *	5	\$1,600	
Concrete Masonry Unit	50%	Now	\$6,800	LIFE	* *	5	\$6,300	
Vertical Cracks, Extent : Light, Area Affected : 50%								
Location : Engine Side Stair Shaft.								
Marble Panels	5%			LIFE	* *	10	\$600	
Plaster	25%	Now	\$6,100	LIFE	* *	5	\$2,400	
Paint Peeling, Extent : Moderate, Area Affected : 2%								
Location : Roof Ladder Shaft At Second Floor								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor Both Houses.								
SGFT/Glazed Masonry	15%	Now	\$17,800	LIFE	* *			
Diagonal Cracks, Extent : Severe, Area Affected : 40%								
Location : Spider Cracking Throughout Engine Side Apparatus Floor.								
Ceilings								
AcousTileSusp.Lay-In	5%			2039	* *	5	\$1,100	
Exposed Concrete	50%	Now	\$107,400	LIFE	* *	5	\$1,800	
Corrosion/Rusting, Extent : Severe, Area Affected : 30%								
Location : Engine Side Basement Steel At Ceiling.								
Spalling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Engine Side Basement.								
Plaster	45%	Now	\$6,600	LIFE	* *	5	\$6,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor Both Houses.								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Engine Side Of 1st Floor, 2nd Floor Locker Room								

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

Maintenance \$ are aggregated over a ten-year period. 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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2026	\$4,700	5	\$400	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : 300 Amp Service					
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2036	* *	5	\$400	
	Raceway								
	Conduit	100%			2036	* *	1		
	Panelboards								
	Molded Case Bkrs	50%			2025	\$18,800	5	\$200	
	Molded Case Bkrs	50%			2034	* *	5	\$200	
	Wiring								
	Thermoplastic	50%			2026	\$13,500	1		
	Thermoplastic	50%			2036	* *	1		
Ground									
	Grounding Devices								
	Generic	100%	0-2	\$2,800	LIFE	* *	5	\$200	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : Ground Clamp And Wire Are Corroded.					
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2031	* *	1	\$4,700	
	Generators								
	Diesel	100%			2029	* *	1	\$5,900	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : 25 Kw					
	Batteries								
	Lead/Acid	100%			2019	\$1,500	5	\$600	
	Fuel Storage								
	Main Tank	100%			2041	* *	5	\$400	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : 275 Gallons.					
Lighting									
	Interior Lighting								
	Fluorescent	95%			2026	\$90,600	10	\$13,300	
	Incandescent	5%			2021	\$4,800	2		
	Egress Lighting								
	Emergency, Service	100%			2026	\$7,300	1		
	Exterior Lighting								
	HID	75%			2026	\$42,100	10		
	Incandescent	25%			2021	\$11,900	2		

*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
BATTALION ENG. CO. 45/LAD CO. 58
Asset # : 13033

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	**	1		
Conversion Equipment								
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								
Ext Pkg Unit - Cooling	20%			2021	\$13,700	2	\$200	
	R-22 Refrigerant, Extent : Light, Area Affected : 100%							
	Location : Roof							
Split Unit	5%			2031	**			
Window/Wall Unit	60%			2024	\$18,300	1		
No Component	15%							
Distribution								
Ductwork/Diffusers	20%			LIFE	**	2	\$5,000	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$13,400	
Exhaust Fans								
Interior	100%			2026	\$16,400	2	\$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	**	1		
Water Heater								
Gas Fired	100%			2024	\$3,500	2	\$200	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : 2 - 75 Gallon Units							
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Rigid Piping	100%			2031	**	4	\$1,600	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : 2 Units							
Fixtures								
Generic	100%							

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*** 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

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : **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 : **19-Sep-2011** **Landmark Status** : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **2909** **Lot** : **40** **BIN** : **2009541**

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

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
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%	2-4	\$12,900	LIFE	* *	5	\$12,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Front Facade								
Masonry: Brick	70%	Now	\$66,800	LIFE	* *	5	\$22,700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Front Facade								
Masonry: Brownstone	10%	Now	\$30,000	LIFE	* *	5	\$2,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : At Overhead Door Frames								
Worn/Eroded, Extent : Severe, Area Affected : 10%								
Location : At Overhead Door Frames								
Wood Overhead Doors	15%			2028	* *	5	\$24,300	
Windows								
Aluminum	100%			2045	* *	5	\$1,700	
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	\$6,300	
Copper/Terne	20%			2067	* *	5	\$3,900	
Masonry: Brick	60%			LIFE	* *	5	\$2,400	
Roof								
Roll Roofing	95%			2022	\$51,300	5	\$21,200	
Skylight, Metal/Glass	5%			2049	* *	10	\$2,200	
Interior								
Floors								
Cast in Place Concrete	25%	4+	\$9,100	LIFE	* *	5	\$9,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Room								
Ceramic Tile	5%			2032	* *	5	\$900	
Panel/Paver: Cer/Brk	15%			2031	* *	5	\$6,100	
Quarry Tile	10%			2036	* *	5	\$2,700	
Vinyl Tile	45%			2031	* *	3	\$3,000	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Second And Third Floors								
Interior Walls								
Ceramic Tile	10%			2032	* *	5	\$2,500	
Gypsum Board	80%			LIFE	* *	5	\$11,900	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Second And Third Floors								
Masonry: Brick	10%	4+	\$4,700	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Basement								

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

Maintenance \$ are aggregated over a ten-year period. 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		
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	\$9,000	
		Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Second And Third Floors							
	Embossed Metal	25%			LIFE	* *	5	\$2,000	
		Recent Repair Evident, Extent : Light, Area Affected : 100% Location : Apparatus Room							
	Exposed Struc: Steel	5%	2-4	\$184,700	LIFE	* *			
		Corrosion/Rusting, Extent : Moderate, Area Affected : 30% Location : Basement							
	Gypsum Board	10%			LIFE	* *	5	\$2,200	
	Masonry:Vault Struct	10%	Now	\$64,200	LIFE	* *			
		Cracking/Crumbling, Extent : Severe, Area Affected : 15% Location : Basement							
		Loose Units, Extent : Moderate, Area Affected : 5% Location : Basement							

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	100%			2023	\$4,700	5	\$100	
Raceway									
	Conduit	50%			2023	\$15,300	1		
	Conduit	50%			2043	* *	1		
Panelboards									
	Molded Case Bkrs	50%			2022	\$18,800	5	\$200	
	Molded Case Bkrs	50%			2039	* *	5	\$200	
Wiring									
	Thermoplastic	50%			2033	* *	1		
	Thermoplastic	50%			2043	* *	1		
Motor Controllers									
	Locally Mounted	100%			2021	\$14,100	5	\$100	
Stand-by Power									
Transfer Switches									
	Automatic	100%			2028	* *	1	\$3,700	
Generators									
	Diesel	100%			2026	\$64,300	1	\$4,700	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : 64 Kw									
Batteries									
	Lead/Acid	50%			2017	\$700	5	\$200	
	No Component	50%							
	No Component	0%							

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

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

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

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

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
Stand-by Power								
Fuel Storage								
Day Tank	50%			2039	* *	5	\$1,100	
Main Tank	50%			2038	* *	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	99%			2031	* *	10	\$10,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Mostly T-8</i>								
Incandescent	1%			2018	\$800	2		
Egress Lighting								
Emergency, Battery	10%			2023	\$1,600	10	\$300	
Exit, Battery	90%			2028	* *	10	\$700	
Exterior Lighting								
HID	25%			2023	\$11,100	10		
No Component	75%							

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2049	* *	1		
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	\$5,900	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2045	* *	4	\$900	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Terminal Devices								
Convactor/Radiator	100%			2040	* *	1	\$3,900	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	95%			2031	* *	2	\$700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 16 Split Units Using R410 A</i>								
No Component	5%							

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

Maintenance \$ are aggregated over a ten-year period. 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			
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	95%			2031	* *	2	\$7,900	
	No Component	5%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,700	
	Exhaust Fans								
	Wall Unit	100%			2031	* *	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2049	* *	1		
	No Water Meter, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Recent Installation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Water Heater								
	Gas Fired	100%			2022	\$2,700	2	\$200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 1-75 Gallon Unit								
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Recent Replace Evident, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Rigid Piping	100%			2031	* *	4	\$1,600	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 2 Units - One Serves Each Side								
	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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : COMMUNICATIONS CENTER - S.I.
Address : 65 SLOSSON AVENUE @ CLOVE LAKES PARK
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : FIR0008.010 / 1997 **Yr Built/Renovated** : 1962 / 2012
Area Sq Ft : 11,550 **Project Type** : FIRE DEPARTMENT
Date of Survey : 13-Feb-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Sub Basement, Roof, Floors 1
Block : 319 **Lot** : 1 **BIN** : 5112428

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

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



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

Maintenance \$ are aggregated over a ten-year period. 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	\$1,400	
Masonry: Brick	80%			LIFE	* *	5	\$7,600	

Recent Repair Evident, Extent : Light, Area Affected : 25%

Location : Throughout

Metal Panel	5%			2043	* *	5-10	\$3,300	
Metal Panel	10%			2043	* *	5-10	\$6,600	
Window Wall	2%			2043	* *	5	\$700	

Windows

Aluminum	95%			2048	* *	5	\$2,600	
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Recent Replace Evident, Extent : Light, Area Affected : 100%

Location : Throughout

Glass Block	5%			LIFE	* *	5	\$100	
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Recent Replace Evident, Extent : Light, Area Affected : 100%

Location : North Facade

Roof

Modified Bitumen	90%			2033	* *	10	\$9,000	
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Recent Replace Evident, Extent : Light, Area Affected : 100%

Location : Throughout

Modified Bitumen	10%			2028	* *	10	\$1,000	
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Interior

Floors

Under Construction	100%							
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Interior Walls

Under Construction	100%							
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Ceilings

Under Construction	100%							
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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	

Under 600 Volts

Service Equipment

Not Accessible	100%							
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Transformers

Not Accessible	100%							
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Switchgear / Switchboard

Not Accessible	100%							
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Raceway

Conduit	50%			2023	\$13,600	1		
Conduit	50%			2049	* *	1		

Panelboards

Molded Case Bkrs	50%			2022	\$14,600	5	\$200	
Molded Case Bkrs	50%			2045	* *	5	\$200	

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

Maintenance \$ are aggregated over a ten-year period. 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		
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%			2033	* *	1		
	Thermoplastic	50%			2049	* *	1		
Motor Controllers									
	Locally Mounted	100%			2040	* *	5	\$100	
Ground									
Grounding Devices									
	Not Accessible	100%							
Stand-by Power									
Transfer Switches									
	Not Accessible	100%							
Generators									
	Diesel	40%	Now	\$28,600	2038	* *	1	\$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Sub Basement									
Explanation : Not Operational, (2) 200 Kw Cumminns Genset									
	Diesel	40%			2036	* *	1	\$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Generator Room									
Explanation : (2) 638 Kva, Kohler Power System									
	Diesel	20%			2036	* *	1	\$900	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Outside									
Explanation : No Available Ratings									
Batteries									
	Lead/Acid	100%			2018	\$1,500	5	\$400	
Fuel Storage									
	Day Tank	50%			2045	* *	5	\$1,100	
	Underground Storage	50%			LIFE	* *	5	\$400	
Lighting									
Interior Lighting									
	Fluorescent	70%			2031	* *	10	\$7,400	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-12 Lamps									
	Under Construction	30%							
Egress Lighting									
	Emergency, Service	50%			2031	* *	1		
	Emergency, Battery	30%			2031	* *	10	\$800	
	Exit, Service	20%	Now	\$800	2033	* *	1		
Not Functioning, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Exterior Lighting									
	HID	100%			2023	\$42,600	10		
Alarm									

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

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

Alarm

Security System

Generic

100%

2031

* *

1

\$4,300

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : CCTV Surveillance System*

Fire/Smoke Detection

Generic

100%

2031

* *

1-3

\$7,100

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : Smoke Detectors, Strobe Lights, Horns, Manual Pull Stations*

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)		

Heating

Energy Source

Fuel Oil No 2

100%

2049

* *

5

\$3,600

Conversion Equipment

Hot Water Boiler

100%

2043

* *

1

\$5,700

*Recent Replace Evident, Extent : Light, Area Affected : 100%**Location : Basement Boiler Room**Other Observation, Extent : Light, Area Affected : 100%**Location : Basement Boiler Room**Explanation : 1 Unit*

Distribution

Hot Wtr Piping/Pump

40%

2048

* *

4

\$200

Hot Wtr Piping/Pump

60%

2022

\$34,000

4

\$500

Terminal Devices

Convactor/Radiator

60%

Now

\$6,400

2021

\$63,900

1

\$2,000

*Damaged, Extent : Severe, Area Affected : 20%**Location : Various Areas*

Not Accessible

40%

Air Conditioning

Energy Source

Electricity

100%

2039

* *

1

Conversion Equipment

Reciprocating

80%

2023

\$30,600

1

\$4,300

Compr/Chiller

20%

No Component

Distribution

Chilled Wtr Pipe/Pump

80%

2033

* *

4

\$700

No Component

20%

Terminal Devices

No Component

20%

Not Accessible

25%

Under Construction

55%

Note : 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

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

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : 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 : 07-Feb-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,atc
Block : 4333 **Lot** : 1 **BIN** : 2101003

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

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
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	\$9,900	
Masonry: Brick	87%			LIFE	* *	5	\$22,000	
Masonry: Brick	3%			LIFE	* *	5	\$800	
Masonry: Limestone	2%			LIFE	* *	5	\$400	
Window Wall	3%			2049	* *	5	\$2,800	
Windows								
Aluminum	100%			2045	* *	5	\$3,400	
Roof								
Clay Tile	93%	Now	\$49,000	2043	* *			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Ice Breakers Missing</i>								
Copper/Terne	7%			2058	* *	10	\$2,800	
Interior								
Floors								
Carpet	27%			2024	\$57,100	3	\$6,900	
Cast in Place Concrete	25%			LIFE	* *	5	\$9,300	
Ceramic Tile	3%			2036	* *	5	\$500	
Quarry Tile	2%			2028	* *	5	\$500	
Raised Access Floor	15%			2036	* *	5	\$9,500	
Terrazzo	5%			LIFE	* *	5	\$700	
Vinyl Tile	23%			2028	* *	3	\$1,500	
Interior Walls								
Ceramic Tile	3%			2036	* *	5	\$400	
Concrete Masonry Unit	5%			LIFE	* *	5	\$300	
Fabric on Framing	45%			2024	\$639,900	5	\$3,200	
Gypsum Board	10%			LIFE	* *	5	\$900	
Gypsum Board	5%			LIFE	* *	5	\$400	
Masonry: Brick	10%			LIFE	* *			
Plaster	20%			LIFE	* *	5	\$900	
Wood	2%			LIFE	* *	5	\$1,100	
Ceilings								
AcousTileSusp.Lay-In	15%			2040	* *	5	\$2,500	
Exposed Concrete	20%			LIFE	* *	5	\$500	
Gypsum Board	15%			LIFE	* *	5	\$3,200	
Plaster	50%			LIFE	* *	5	\$5,300	

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

Under 600 Volts

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

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

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

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

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	* *	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>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5		
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2039	* *	5	\$300	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	\$3,300	
Generators								
Diesel	50%			2032	* *	1	\$2,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside The Building</i>								
<i>Explanation : 2 - 125 Kva</i>								
Diesel	50%			2032	* *	1	\$2,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 2 - 638 Kva, Kohler Power System</i>								
Batteries								
Lead/Acid	100%			2017	\$1,500	5	\$400	
Fuel Storage								
Day Tank	50%			2039	* *	5	\$1,000	
Underground Storage	50%			LIFE	* *	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	90%			2028	* *	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%			2028	* *	10	\$800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Corridors</i>								
<i>Explanation : Compact Fluorescent Lamps</i>								
Incandescent	2%			2028	* *	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
COMMUNICATIONS CENTER-BRONX
Asset # : 1996

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%			2028	**	1		
Emergency, Battery	10%			2028	**	10	\$300	
Exit, Service	40%			2028	**	1		
Lightning Protection								
Arresters/Cabling								
Generic	100%			2051	**	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Tower And Roof</i>								
<i>Explanation : Steel Lightning Rods</i>								
Alarm								
Security System								
Generic	100%			2028	**	1	\$4,100	
<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>								
Fire/Smoke Detection								
Generic	100%			2028	**	1-3	\$6,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations And Smoke Detectors</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								
Fuel Oil No 2	100%			2043	**	5	\$3,400	
Conversion Equipment								
Hot Water Boiler	100%			2040	**	1	\$5,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 2 Units</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2045	**	4	\$800	
Terminal Devices								
Air Handler	60%			2031	**	1	\$4,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Very Difficult To Operate The B M S According To The Captain</i>								
Convactor/Radiator	40%			2040	**	1	\$1,400	
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		

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

Maintenance \$ are aggregated over a ten-year period. 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

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									
	Conversion Equipment								
	Reciprocating Compr/Chiller	80%			2028	* *	1	\$4,000	
		R-22 Refrigerant, Extent : Light, Area Affected : 80% Location : Outside In The Yard							
	No Component	20%							
Distribution									
	Chilled Wtr Pipe/Pump	80%			2043	* *	4	\$400	
	No Component	20%							
Terminal Devices									
	Air Handler/Cool/Ht	80%			2031	* *	1	\$5,400	
	No Component	20%							
Heat Rejection									
	Remote Air Cond	80%			2028	* *	2	\$6,100	
	No Component	20%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,100	
	Exhaust Fans								
	Interior	100%			2031	* *	2	\$300	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2043	* *	1		
	Water Heater								
	Gas Fired	100%			2022	\$2,500	2	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	30%							
	Generic	70%			2049	* *	1-2	\$2,100	

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : COMMUNICATIONS CENTER-BROOKLYN
Address : 35 EMPIRE BLVD @ WASHINGTON AVE.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIR0005.010 / 1994 **Yr Built/Renovated** : 1916 / 2012
Area Sq Ft : 10,826 **Project Type** : FIRE DEPARTMENT
Date of Survey : 09-Feb-2012 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 1183 **Lot** : 51 **BIN** : 3029669

CAPITAL**Total**

Importance Code

Total

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
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	\$13,800
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Repairs in Progress, Extent : Light, Area Affected : 25%
Location : Cornices

Masonry: Brick	92%	LIFE	* *	5	\$32,500
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Repairs in Progress, Extent : Light, Area Affected : 25%
Location : Throughout

Masonry: Limestone	3%	LIFE	* *	5	\$800
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Repairs in Progress, Extent : Light, Area Affected : 25%
Location : Spandrels, Lintels

Windows

Aluminum	100%	2048	* *	5	\$6,000
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Recent Replace Evident, Extent : Light, Area Affected : 100%
Location : Throughout

Roof

Clay Tile	100%	2043	* *	10	\$28,700
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Repairs in Progress, Extent : Light, Area Affected : 25%
Location : Throughout

Interior

Floors

Under Construction	100%
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Interior Walls

Under Construction	100%
--------------------	------

Ceilings

Under Construction	100%
--------------------	------

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

Under 600 Volts

Service Equipment

Under Construction	100%
--------------------	------

Transformers

Under Construction	100%
--------------------	------

Switchgear / Switchboard

Under Construction	100%
--------------------	------

Raceway

Under Construction	100%
--------------------	------

Panelboards

Under Construction	100%
--------------------	------

Wiring

Under Construction	100%
--------------------	------

Motor Controllers

Under Construction	100%
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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
COMMUNICATIONS CENTER-BROOKLYN
Asset # : 1994

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
Ground								
Grounding Devices								
Under Construction	100%							
Stand-by Power								
Transfer Switches								
Under Construction	100%							
Generators								
Under Construction	100%							
Batteries								
Under Construction	100%							
Fuel Storage								
Under Construction	100%							
Lighting								
Interior Lighting								
Under Construction	100%							
Egress Lighting								
Under Construction	100%							
Exterior Lighting								
Under Construction	100%							
Lightning Protection								
Arresters/Cabling								
Under Construction	100%							
Alarm								
Security System								
Under Construction	100%							
Fire/Smoke Detection								
Under Construction	100%							

Mechanical		Current 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								
Under Construction	100%							
Conversion Equipment								
Not Accessible	100%							
Distribution								
Not Accessible	100%							
Terminal Devices								
Not Accessible	100%							
Air Conditioning								
Energy Source								
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
COMMUNICATIONS CENTER-BROOKLYN
Asset # : 1994

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								
Conversion Equipment								
Not Accessible	100%							
Distribution								
Not Accessible	100%							
Terminal Devices								
Not Accessible	100%							
Heat Rejection								
Not Accessible	100%							
Ventilation								
Distribution								
Not Accessible	100%							
Exhaust Fans								
Not Accessible	100%							
Plumbing								
H/C Water Piping								
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%							
Sewage Ejector(s)								
Not Accessible	100%							
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Not Accessible	100%							
Fire Suppression								
Standpipe								
Not Accessible	100%							
Sprinkler								
Not Accessible	100%							
Fire Pump								
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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : COMMUNICATIONS CENTER-MANHATTAN
Address : 79TH STREET TRANSVERSE ROAD CENTRAL PARK
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0004.010 / 1993 **Yr Built/Renovated** : 1915 / 2012
Area Sq Ft : 13,416 **Project Type** : FIRE DEPARTMENT
Date of Survey : 10-Feb-2012 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1
Block : 1111 **Lot** : 1 **BIN** : 1083814

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

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	2%	Now	\$2,100	LIFE	* *	5	\$700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Coping At Chimney								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Chimney								
Explanation : Stucco On Brick								
Masonry: Granite	68%			LIFE	* *	5	\$16,700	
Pre-Cast Concrete	30%			LIFE	* *	5	\$32,000	
Windows								
Aluminum	90%			2045	* *	5	\$5,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Louvers	10%			2032	* *	10	\$3,500	
Parapets								
Pre-Cast Concrete	100%			LIFE	* *	5	\$81,800	
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Throughout								
Roof								
Copper/Terne	90%			2038	* *	10	\$120,000	
Copper/Terne	10%			2058	* *	10	\$13,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : At Perimeter								
Interior								
Floors								
Under Construction	100%							
Interior Walls								
Under Construction	100%							
Ceilings								
Under Construction	100%							

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Under 600 Volts								
Service Equipment								
	Molded Case Bkrs	100%		2043		* *	5	\$400
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switches Rated @ 1200 Amperes And 700 Amperes								
Transformers								
	Dry Type	100%		2021		\$16,900	5	\$100
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 75 Kva								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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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-MANHATTAN
Asset # : 1993

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								
Switchgear / Switchboard								
Fused Disc Sw	60%			2023	\$62,700	5		
Molded Case Bkrs	40%			2043	* *	5	\$100	
Raceway								
Conduit	60%			2023	\$17,800	1		
Conduit	40%			2043	* *	1		
Panelboards								
Molded Case Bkrs	60%			2022	\$19,200	5	\$200	
Molded Case Bkrs	40%			2039	* *	5	\$100	
Wiring								
Thermoplastic	50%			2023	\$25,000	1		
Thermoplastic	50%			2043	* *	1		
Motor Controllers								
Locally Mounted	70%			2021	\$22,100	5	\$100	
Locally Mounted	30%			2036	* *	5		
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	\$4,100	
Generators								
Diesel	100%			2036	* *	1	\$5,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 2 - 300 Kw Detroit Diesel Generators								
Batteries								
Lead/Acid	100%			2018	\$1,600	5	\$500	
Fuel Storage								
Day Tank	50%			2045	* *	5	\$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons Capacity								
Underground Storage	50%			LIFE	* *	5	\$400	
Lighting								
Interior Lighting								
Fluorescent	30%			2018	\$50,900	10	\$3,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Fluorescent	70%			2031	* *	10	\$8,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								

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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
COMMUNICATIONS CENTER-MANHATTAN
Asset # : 1993

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%			2031	* *	1		
Emergency, Battery	5%			2031	* *	10	\$200	
Exit, LED	45%			2058	* *	1		
Exterior Lighting								
HID	100%			2018	\$54,200	10		
Lightning Protection								
Arresters/Cabbling								
Generic	100%			2026	\$43,500	5	\$600	
Alarm								
Security System								
Generic	100%			2023	\$43,400	1	\$5,000	
<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>								
Fire/Smoke Detection								
Under Construction	100%							
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								
Fuel Oil No 2	100%			2033	* *	5	\$3,900	
Conversion Equipment								
Steam Boiler	100%			2043	* *	1	\$12,400	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 2 Units</i>								
Distribution								
Hot Wtr Piping/Pump	50%			2022	\$33,700	4	\$500	
Steam Piping/Pump	50%			2053	* *	4	\$500	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Basement</i>								
<i>Explanation : Basement Piping Has Been Replaced</i>								
Terminal Devices								
Convactor/Radiator	60%			2043	* *	1	\$2,400	
Under Construction	40%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	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.

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

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

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									
	Conversion Equipment								
	Reciprocating Compr/Chiller	40%			2033	* *	1	\$2,300	
			Other Observation, Extent : Light, Area Affected : 40%						
			Location : Rear Yard						
			Explanation : New Air Conditioning System For New Communication Equipment Room						
	No Component	20%							
	Under Construction	40%							
Distribution									
	Chilled Wtr Pipe/Pump	40%			2053	* *	4	\$400	
			Other Observation, Extent : Light, Area Affected : 40%						
			Location : Rear Yard						
			Explanation : New Air Conditioning System For New Communication Equipment Room						
	No Component	20%							
	Under Construction	40%							
Terminal Devices									
	Direct Expansion	40%			2033	* *	1		
			Other Observation, Extent : Light, Area Affected : 40%						
			Location : Basement						
			Explanation : New Air Conditioning System For New Communication Equipment Room						
	No Component	20%							
	Under Construction	40%							
Heat Rejection									
	Remote Air Cond	40%			2033	* *	2	\$3,500	
			Other Observation, Extent : Light, Area Affected : 40%						
			Location : Rear Yard						
			Explanation : New Air Conditioning System For New Communication Equipment Room						
	No Component	20%							
	Under Construction	40%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	40%			LIFE	* *	2-5	\$2,800	
			Other Observation, Extent : Light, Area Affected : 40%						
			Location : Communication Equipment Room, Basement						
			Explanation : New Ductwork						
	Under Construction	60%							
Exhaust Fans									
	Roof	30%			2018	\$3,200	2	\$100	
	Under Construction	70%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	20%			2033	* *	1		
	Galv Iron/Steel	80%			2021	\$32,000	1		
Water Heater									
	Electric	100%			2021	\$2,100	4	\$100	
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
COMMUNICATIONS CENTER-MANHATTAN
Asset # : 1993

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%			2023	\$11,800	4	\$1,600	
Fixtures									
	Under Construction	100%							

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : COMMUNICATIONS CENTER-QUEENS
Address : 83-98 WOODHAVEN BOULEVARD @ PARK LANE SOUTH
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0006.010 / 1995 **Yr Built/Renovated** : 1925 / 2006
Area Sq Ft : 9,804 **Project Type** : FIRE DEPARTMENT
Date of Survey : 06-Feb-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 3866 **Lot** : 70 **BIN** : 4439147

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

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$14,200	\$5,600		\$2,000
Interior Architecture	\$3,300	\$2,100	\$300	\$3,400
Electrical	\$3,300	\$10,300	\$2,300	\$1,600
Mechanical	\$2,900	\$3,900	\$4,000	\$2,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$27,600	\$25,900	\$10,700	\$13,500
Importance Code A	\$14,600	\$6,100	\$500	\$2,500
Importance Code B	\$11,400	\$19,800	\$10,200	\$11,000
Importance Code C	\$1,600			
Total	\$27,600	\$25,900	\$10,700	\$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.

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

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

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	85%			LIFE	* *	5	\$20,400	
Masonry: Granite	3%			LIFE	* *	5	\$500	
Masonry: Limestone	10%	Now	\$14,200	LIFE	* *	5	\$1,800	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Cornices								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Cornices								
Metal Coiling Doors	2%			2028	* *	5	\$1,500	
Windows								
Aluminum	100%			2045	* *	5	\$4,100	
Roof								
Clay Tile	95%	Now	\$150,700	2043	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : At Dome								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Dome								
Copper/Terne	5%			2058	* *	10	\$4,900	
Interior								
Floors								
Carpet	30%			2024	\$51,300	3	\$6,200	
Cast in Place Concrete	20%			LIFE	* *	5	\$6,000	
Ceramic Tile	5%			2036	* *	5	\$700	
Raised Access Floor	20%			2036	* *	5	\$10,300	
Terrazzo	5%			LIFE	* *	5	\$500	
Vinyl Tile	20%			2031	* *	3	\$1,000	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2036	* *	5	\$900	
Fabric on Framing	20%			2027	* *	5	\$1,800	
Gypsum Board	35%			LIFE	* *	5	\$3,700	
Masonry: Brick	10%			LIFE	* *			
Plaster	5%	Now	\$700	LIFE	* *	5	\$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Communication Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Communication Room								
Plaster	15%			LIFE	* *	5	\$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
COMMUNICATIONS CENTER-QUEENS
Asset # : 1995

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	50%			2040	* *	5	\$6,900	
Exposed Concrete	20%			LIFE	* *	5	\$400	
Gypsum Board	10%			LIFE	* *	5	\$1,700	
Plaster	5%	Now	\$1,800	LIFE	* *	5	\$400	

Cracking/Crumbling, Extent : Moderate, Area Affected : 5%

Location : Communication Room

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

Location : Communication Room

Plaster	15%			LIFE	* *	5	\$1,300	
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Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2043	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated @ 2000 Amperes								

Transformers

Dry Type	100%			2036	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 225 Kva, 480/208/120 Volts								

Switchgear / Switchboard

Fused Disc Sw	100%			2043	* *	5		
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Raceway

Conduit	100%			2043	* *	1		
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Panelboards

Molded Case Bkrs	100%			2039	* *	5	\$300	
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Wiring

Thermoplastic	100%			2043	* *	1		
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Motor Controllers

Locally Mounted	100%			2036	* *	5	\$100	
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Ground

Grounding Devices

Generic	100%			LIFE	* *	5	\$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Connected To Main Water Pipe.								

Stand-by Power

Transfer Switches

Automatic	100%			2036	* *	1	\$3,000	
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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
COMMUNICATIONS CENTER-QUEENS
Asset # : 1995

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
Stand-by Power								
Generators								
Diesel	50%			2032	* *	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%			2032	* *	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%			2017	\$1,500	5	\$400	
Fuel Storage								
Day Tank	50%			2039	* *	5	\$900	
Underground Storage	50%			LIFE	* *	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	70%			2028	* *	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%			2028	* *	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%			2028	* *	1		
Emergency, Battery	10%			2028	* *	10	\$200	
Exit, Service	40%			2028	* *	1		
Exterior Lighting								
HID	100%			2028	* *	10		
Alarm								
Security System								
Generic	100%			2028	* *	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>								
Fire/Smoke Detection								
Generic	100%			2028	* *	1-3	\$6,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells</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

*Note : 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-QUEENS
Asset # : 1995

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								
Fuel Oil No 2	100%			2033	* *	5	\$2,800	
Conversion Equipment								
Hot Water Boiler	100%			2028	* *	1	\$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2039	* *	4	\$500	
Terminal Devices								
Air Handler	70%			2023	\$33,800	1	\$4,000	
Fan Coil Unit/Heat	30%			2023	\$40,200	1	\$900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Centrifugal, Elec Chiller	80%			2032	* *	1	\$7,900	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Chiller Side Yard								
Int Pkg Unit - Cooling	20%			2027	* *	2	\$100	
Distribution								
Chilled Wtr Pipe/Pump	80%			2043	* *	4	\$400	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	25%			2023	\$9,500	1	\$1,400	
Fan Coil - Cool/Heat	55%			2023	\$93,200	1	\$1,600	
No Component	20%							
Heat Rejection								
Remote Air Cond	20%			2031	* *	2	\$1,300	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,100	
Exhaust Fans								
Interior	100%			2028	* *	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater								
Oil Fired	100%			2021	\$2,800	1	\$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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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
COMMUNICATIONS CENTER-QUEENS
Asset # : 1995

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									
	Backflow Preventer								
	Generic	100%			2028	* *	1	\$600	
Fixtures									
	Generic	100%							
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : B-1							
		Explanation : 1 Unit							
Fire Suppression									
	Sprinkler								
	Generic	100%			2043	* *	1-2	\$2,600	
Fire Pump									
	Generic	100%			2032	* *	1	\$1,700	

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : EMS 22 & MAINTENANCE GARAGE WILLOWBROOK STATION
Address : SEAVIEW HOSPITAL 460 BRIELLE AVE.
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : FIRSEMS.022 / 14007 **Yr Built/Renovated** : 1999 /
Area Sq Ft : 10,515 **Project Type** : FIRE DEPARTMENT
Date of Survey : 25-Jan-2013 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1
Block : 955 **Lot** : 1 **BIN** : 5113197

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

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



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

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

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

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

Architecture		Current Repair		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%			LIFE	* *	5	\$17,200	
	Other Observation, Extent : Moderate, Area Affected : 40%							
	Location : Building 50 - Integrated Facility							
	Explanation : Ems Station Is Part Of A Larger Building Within Seaview Hospital Campus - Asset #13433 Also Housing An Ocme Facility							
Masonry: Brick	50%			LIFE	* *	5	\$17,200	
Metal Panel	20%			2044	* *	5-10	\$47,300	
	Corrosion/Rusting, Extent : Light, Area Affected : 5%							
	Location : Bulkhead							
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	
	Deteriorated Finish, Extent : Light, Area Affected : 50%							
	Location : Throughout All Vertical Corrugated Surfaces							
Metal Rail	5%	4+		2037	* *	5	\$200	
	Deteriorated Finish, Extent : Light, Area Affected : 5%							
	Location : Trhoughout.							
Pre-Cast Concrete	70%			LIFE	* *	5	\$3,000	
Roof								
Single Ply Membrane	100%	0-2	\$56,600	2029	* *			
	Blisters, Extent : Moderate, Area Affected : 15%							
	Location : Throughout							
	Drains Clogged, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
	Patching Evident, Extent : Moderate, Area Affected : 15%							
	Location : Throughout							
Interior								
Floors								
Cast in Place Concrete	50%	Now	\$17,500	LIFE	* *	5	\$17,200	
	Cracking/Crumbling, Extent : Severe, Area Affected : 15%							
	Location : Garage Area							
Ceramic Tile	10%			2033	* *	5	\$1,600	
Vinyl Tile	40%			2029	* *	3	\$3,100	
Interior Walls								
Ceramic Tile	10%			2033	* *	5	\$1,400	
Concrete Masonry Unit	30%			LIFE	* *	5	\$1,700	
Gypsum Board	60%			LIFE	* *	5	\$5,200	
	Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%							
	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.

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

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

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

Architecture		Current Repair		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 60% Now \$8,200 2037 * * 5 \$4,700

Broken/Missing Elements, Extent : Moderate, Area Affected : 10%

Location : Throughout

Gypsum Board 40% LIFE * * 5 \$7,900

Site Pavements

Parking/Driveway

Asphalt 100% Now 2033 * *

Cracking/Crumbling, Extent : Light, Area Affected : 5%

Location : Throughout

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

Under 600 Volts

Service Equipment

Fused Disc Sw 100% 2044 * * 5

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

Location : Rear Ground Level Electrical Room

Explanation : One 1200 Amp Switch - Siemens Equipment

Transformers

Liquid Filled 100% 2037 * * 5 \$100

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

Location : Outside Enclosure

Explanation : One 13.8 Kva 480lv-208/120lv

Switchgear / Switchboard

Fused Disc Sw 100% 2044 * * 5

Raceway

Conduit 100% 2044 * * 1

Panelboards

Fused Disc Sw 5% 2040 * * 5

Molded Case Bkrs 95% 2040 * * 5 \$300

Wiring

Thermoplastic 100% 2044 * * 1

Motor Controllers

Locally Mounted 100% 2037 * * 5 \$100

Ground

Grounding Devices

Generic 100% LIFE * * 5 \$200

Stand-by Power

Transfer Switches

Automatic 100% 2029 * * 1 \$3,200

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

Location : In Garage And Electrical Room

Explanation : 1- 150 Amp And 1- 260 Amp Switch. Kohler Equipment

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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FIRE DEPARTMENT - 057
EMS 22 & MAINTENANCE GARAGE WILLOWBROOK STATION
Asset # : 14007

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
Stand-by Power								
Generators								
Diesel	100%			2027	* *	1	\$4,100	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Outside Of Building							
	Explanation : One 100 Kva Generator							
Batteries								
Lead/Acid	100%			2017	\$1,600	5	\$400	
Fuel Storage								
Main Tank	100%			2052	* *	5	\$300	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Generator Room							
	Explanation : One 275 Gallons							
Lighting								
Interior Lighting								
Fluorescent	93%			2024	\$67,000	10	\$9,000	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Explanation : T-8 Fixtures In Garage And Throughout First Floor / T-12 Fixtures In Hallway							
HID	6%			2029	* *	10		
Incandescent	1%			2019	\$700	2		
Egress Lighting								
Emergency, Service	50%			2029	* *	1		
Exit, Service	50%			2029	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10		
Alarm								
Security System								
No Component	90%							
Generic	10%			2029	* *	1	\$400	
Fire/Smoke Detection								
No Component	50%							
Generic	50%			2029	* *	1-3	\$3,300	
Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	50%			2029	* *	1	\$2,600	
		Other Observation, Extent : Light, Area Affected : 100% Location : Roof, E M S And Fire Department Garages Explanation : 2 Packaged Rooftop Units With Gas Heat And 5 Gas Fired Space Heaters							
	Hot Water Boiler	50%			2037	* *	1	\$2,600	
		Other Observation, Extent : Light, Area Affected : 100% Location : E M S And Fire Department Boiler Rooms Explanation : 4 Gas Fired Hot Water Boilers							
	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	
		Other Observation, Extent : Light, Area Affected : 100% Location : Roof Explanation : 2 Package Rooftop Units							
	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	\$2,600	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100% Location : 2nd Floor Explanation : 1 - 250 Gallon Unit							
	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.

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FIRE DEPARTMENT - 057
EMS 22 & 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		* *		
Other Observation, Extent : Light, Area Affected : 100%									
Location : 1st To 2nd Floor									
Explanation : Lift									
Fire Suppression									
Sprinkler									
	No Component	75%							
	Generic	25%			2044		* *	1-2	\$700

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Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : EMS BUILDING BATTALION 4
Address : PIERS 35 & 36, EAST RIVER 271 MARGINAL STREET
Borough : MANHATTAN **Agency's Number** : N/A
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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$488,700	\$135,900
Interior Architecture		\$31,100
Electrical		\$75,600
Total	\$488,700	\$242,600
Importance Code A	\$488,700	\$135,900
Importance Code B		\$106,700
Total	\$488,700	\$242,600

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
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	\$13,700	LIFE	**	5	\$6,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Around Ledge Below Parapets								
Masonry: Brick Cavity	70%			LIFE	**	5	\$17,400	
Metal Panel	5%	Now	\$1,800	2035	**	5	\$2,300	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : East Stairway								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : East Stairway								
Metal Coiling Doors	10%			2038	**	5	\$7,800	
Pre-Cast Concrete	10%			LIFE	**	5	\$8,100	
Windows								
Aluminum	20%			2041	**	5	\$2,400	
Steel	80%	Now	\$488,700	2050	**	5	\$59,900	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Pre-Cast Concrete	100%			LIFE	**	5	\$17,700	
Roof								
Built-Up (BUR)	92%			2033	**	10	\$16,200	
Modified Bitumen	5%	Now	\$5,000	2035	**			
Blisters, Extent : Moderate, Area Affected : 25%								
Location : Over East Staieway								
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : Over East Stairway								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over East Stairway								
Skylight, Metal/Glass	3%	Now	\$7,600	2025	\$76,100			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Over Stair								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair								
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	**	5	\$26,600	
Ceramic Tile	5%			2034	**	5	\$900	
Vinyl Tile	20%			2025	\$31,100	3	\$1,400	
Vinyl Tile	10%			2035	**	3	\$900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Kitchen								

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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

Interior

Interior Walls

Concrete Masonry Unit	75%			LIFE		* *	5	\$5,100	
Gypsum Board	20%			LIFE		* *	5	\$2,000	
Masonry: Brick	5%			LIFE		* *			

Ceilings

AcousTileSusp.Lay-In	25%			2030		* *	5	\$4,700	
Exposed Concrete	70%			LIFE		* *	5	\$2,100	
Metal Panel	5%			LIFE		* *	5	\$1,200	

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

Location : East Stairway

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

Under 600 Volts

Service Equipment

Fused Disc Sw	50%			2025		\$2,400	5		
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Main Service Switch Rated @ 3000 Amperes

Fused Disc Sw	50%			2045		* *	5		
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Main Service Switch Rated @ 3000 Amperes

Transformers

Dry Type	100%			2038		* *	5		
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : 2- 1000 Kva, 480/277/208 V

Switchgear / Switchboard

Fused Disc Sw	100%			2045		* *	5	\$100	
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Raceway

Conduit	80%			2025		\$24,500	1		
Conduit	20%			2045		* *	1		

Panelboards

Molded Case Bkrs	80%			2024		\$30,100	5	\$300	
Molded Case Bkrs	20%			2041		* *	5	\$100	

Wiring

Thermoplastic	80%			2025		\$21,700	1		
Thermoplastic	20%			2045		* *	1		

Motor Controllers

Locally Mounted	70%			2023		\$9,800	5	\$100	
Locally Mounted	30%			2038		* *	5		

Ground

Grounding Devices

Generic	100%			LIFE		* *	5	\$200	
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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
EMS BUILDING BATTALION 4
Asset # : 2405

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
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 Gallons Capacity</i>								
Lighting								
Interior Lighting								
Fluorescent	95%			2030	* *	10	\$10,900	
<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
HID	5%			2025	\$2,400	10		
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	\$1,500	
Exit, Service	50%			2030	* *	1		
Exterior Lighting								
HID	100%			2025	\$45,400	10		
Alarm								
Security System								
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	* *			
<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		
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%			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.*

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	10%			2025	\$1,500	1	\$600	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Roof							
		Explanation : 1 Package Unit							
	Steam Boiler	90%			2042	* *	1	\$11,200	
		Other Observation, Extent : Light, Area Affected : 90%							
		Location : 1st Floor Boiler Room							
		Explanation : 1 Unit							
Distribution									
	Steam Piping/Pump	90%			2035	* *	4	\$600	
	No Component	10%							
Terminal Devices									
	Convactor/Radiator	50%			2023	\$19,400	1	\$2,000	
	Unit Heater-Stm/HW	30%			2033	* *	4	\$500	
	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	\$16,100	2	\$200	
		R-22 Refrigerant, Extent : Light, Area Affected : 20%							
		Location : Roof							
	Window/Wall Unit	40%			2020	\$10,100	1		
	No Component	40%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : 2nd Floor Electrical Room							
		Explanation : There Is No Ventilation For Electrical Room							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,000	
Exhaust Fans									
	Roof	100%			2025	\$9,700	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2035	* *	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		
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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FIRE DEPARTMENT - 057
EMS BUILDING BATTALION 4
Asset # : 2405

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	Standpipe								
	Generic	100%			2035	* *	1-5	\$6,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Outside Wall							
		Explanation : Combination Connection							
	Sprinkler								
	Generic	100%			2035	* *	1-2	\$3,500	
	Chemical System								
	Generic	100%			2020	\$25,500	1-3	\$55,000	

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : EMS STATION 20 MORRIS PARK STATION
Address : JACOBI HOSPITAL 1410 PELHAM PARKWAY SOUTH
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSEMS.020 / 13990 **Yr Built/Renovated** :
Area Sq Ft : 12,500 **Project Type** : FIRE DEPARTMENT
Date of Survey : 06-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 4205 **Lot** : 1 **BIN** : 2097552

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

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
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	\$243,700	LIFE	* *	5	\$20,700	
	Broken/Missing Elements, Extent : Severe, Area Affected : 10%							
	Location : Main Entrance							
	Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%							
	Location : Throughout							
	Loose/Delam Surface, Extent : Severe, Area Affected : 30%							
	Location : Throughout							
Metal Coiling Doors	5%			2029	* *	5	\$3,800	
Stucco Cement	10%	0-2	\$68,800	2044	* *	5	\$3,000	
	Cracking/Crumbling, Extent : Severe, Area Affected : 100%							
	Location : Throughout							
Windows								
Aluminum	100%	Now	\$49,700	2049	* *	5	\$600	
	Glazing Broken/Cracked, Extent : Severe, Area Affected : 20%							
	Location : Throughout							
	Unit Inoperable, Extent : Severe, Area Affected : 30%							
	Location : Throughout							
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Throughout							
	Explanation : All Windows Are At The End Of Their Useful Life							
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	90%	0-2	\$32,900	LIFE	* *	5	\$35,400	
	Cracking/Crumbling, Extent : Light, Area Affected : 20%							
	Location : Throughout							
Vinyl Tile	10%	Now	\$6,000	2029	* *	3	\$700	
	Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 40%							
	Location : Corridor							
	Split/Cracked, Extent : Severe, Area Affected : 10%							
	Location : Throughout							
Interior Walls								
Ceramic Tile	5%			2033	* *	5	\$900	
Gypsum Board	55%			LIFE	* *	5	\$6,200	
SGFT/Glazed Masonry	40%	0-2	\$56,800	LIFE	* *			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 30%							
	Location : Throughout							
Ceilings								
Plaster	100%	Now	\$23,100	LIFE	* *	5	\$11,300	
	Cracking/Crumbling, Extent : Severe, Area Affected : 100%							
	Location : Where Ceiling Meets Wall In Corridor							

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

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

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

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

Electrical		Current 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	\$30,600	1		
Panelboards								
Fused Disc Sw	20%			2023	\$7,500	5	\$100	
Molded Case Bkrs	80%			2023	\$30,100	5	\$300	
Wiring								
Braided Cloth	20%	2-4	\$5,400	2049	* *	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	80%			2024	\$21,700	1		
Motor Controllers								
Locally Mounted	100%			2022	\$14,100	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2019	\$78,300	10	\$11,500	
<i>T-8 Lamps, 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	\$126,400	1-3	\$7,700	
<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	\$146,200	2034	* *	1	\$2,900	
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
No Component	20%							

Air Conditioning

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

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

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	\$12,500	1		
	No Component	50%							
Ventilation									
	Exhaust Fans								
	Not Accessible	100%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%	Now	\$1,800	2034	* *	1		
	Leak Evident, Extent : Moderate, Area Affected : 10%								
	Location : Bathroom								
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%	Now	\$900	LIFE	* *	1		
	Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
	Location : Gutters								
Fixtures									
	Generic	100%							
	Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
Fire Suppression									
	Chemical System								
	No Component	90%							
	Generic	10%			2019	\$2,600	1-3	\$5,100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Fire Extinguishers								

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : EMS STATION 27
Address : 243 EAST 233RD STREET BTWN KEPLER AVE. - KATONAH AVE.
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSEMS.027 / 13993 **Yr Built/Renovated** : 2011 /
Area Sq Ft : 12,027 **Project Type** : FIRE DEPARTMENT
Date of Survey : 02-Apr-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 3374 **Lot** : 10 **BIN** : 2019007

CAPITAL**Total**

Importance Code

Total

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



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
EMS STATION 27
Asset # : 13993

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	\$17,000	
Metal Panel	10%			2050	* *	5-10	\$16,700	
Metal Sect. OHD	20%	4+	\$3,000	2037	* *	5	\$7,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Reported That Door Opens And Closes Too Fast. Door Itself Is Not Sturdy								
Windows								
Aluminum	100%			2046	* *	5	\$1,200	
Parapets								
Metal Panel	100%			2050	* *	5	\$6,700	
Roof								
Built-Up (BUR)	20%			2032	* *	10	\$1,600	
Metal Panel	50%			2041	* *	10	\$7,400	
Plaza Roof: Stone Panels	5%			2050	* *			
Single Ply Membrane	25%			2032	* *	10	\$2,000	
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	\$5,200	2029	* *	3	\$2,400	
Loose Units, Extent : Moderate, Area Affected : 30%								
Location : Women Locker Room And Lounge								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Women Locker Room And Lounge								
Interior Walls								
Ceramic Tile	5%			2037	* *	5	\$900	
Concrete Masonry Unit	50%			LIFE	* *	5	\$3,800	
Glazed Ceramic Panel	10%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	\$1,700	
Metal Panel	10%			LIFE	* *			
Plaster	10%			LIFE	* *	5	\$600	
Ceilings								
Metal Panel	20%			LIFE	* *	5	\$4,500	
Plaster	20%			LIFE	* *	5	\$2,300	
Plaster	60%			LIFE	* *	5	\$6,800	
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.

Maintenance \$ are aggregated over a ten-year period. 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

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			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 Gals</i>								
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	\$11,000	
<i>T-8 Lamps, 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		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	10%			2050	* *	1		
Natural Gas	90%			2050	* *	1		
Conversion Equipment								
Furnace	50%			2032	* *	1	\$3,000	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Roof								
Explanation : 3 Roof Top Package Units								
Hot Water Boiler	40%			2041	* *	1	\$2,400	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Radiant Heater	10%			2032	* *	2	\$600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Staircases								
Explanation : 6 Sections Of Electric Baseboard								
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	
R-134a Refrigerant, Extent : Light, Area Affected : 15%								
Location : 2 Units In Basement								
Ext Pkg Unit - Heating/Cooling	50%			2032	* *	2	\$400	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Roof								
Explanation : 3 Roof Top Package Units								
No Component	35%							
Terminal Devices								
Direct Expansion	15%			2032	* *	1		
No Component	85%							
Heat Rejection								
Air Condenser Unit	15%			2032	* *	2	\$1,300	
No Component	85%							
Ventilation								

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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

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	75%	Now	\$3,800	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	\$2,700	2	\$200	
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Backflow Preventer									
	Generic	100%			2032	* *	1	\$700	
Fixtures									
	Generic	100%							
Fire Suppression									
Sprinkler									
	Generic	100%			2050	* *	1-2	\$3,400	

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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : EMS STATION 39 PENNSYLVANIA STATION
Address : 265 PENNSYLVANIA AVE. BTWN PITKIN AVE - BELMONT AVE
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSEMS.039 / 13997 **Yr Built/Renovated** :
Area Sq Ft : 10,000 **Project Type** : FIRE DEPARTMENT
Date of Survey : 20-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 3738 **Lot** : 7 **BIN** : 3048341

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

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$6,700	LIFE	* *	5	\$6,100	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 15%							
	Location : Throughout							
Masonry: Brick	85%	0-2	\$60,900	LIFE	* *	5	\$20,700	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
Metal Coiling Doors	10%	0-2	\$13,500	2037	* *	5	\$3,800	
	Deformed/Dented, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Windows								
Glass Block	100%			LIFE	* *	5	\$800	
Parapets								
Metal: Cage/Fence	100%			2037	* *	5-10	\$13,400	
Roof								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Throughout							
	Explanation : Need A Long Ladder							
Interior								
Floors								
Cast in Place Concrete	80%	0-2	\$73,100	LIFE	* *	5	\$31,500	
	Broken/Missing Elements, Extent : Severe, Area Affected : 60%							
	Location : Throughout							
Vinyl Tile	20%	0-2	\$17,900	2029	* *	3	\$1,400	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
	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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** 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	\$15,200	2033	* *	5	\$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 75%								
Location : Toilet Rooms								
Concrete Masonry Unit	10%	0-2	\$8,100	LIFE	* *	5	\$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Gypsum Board	5%	Now	\$2,300	LIFE	* *	5	\$600	
Loose/Delam Surface, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Masonry: Brick	63%	0-2	\$90,000	LIFE	* *			
Diagonal Cracks, Extent : Light, Area Affected : 60%								
Location : Truck Bay Walls								
Granite Panels	10%	2-4	\$7,400	LIFE	* *			
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Basement								
Plaster	5%	Now	\$2,200	LIFE	* *	5	\$300	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Wood	2%	4+	\$800	LIFE	* *	5	\$1,500	
Deteriorated Finish, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Ceilings								
AcousTileConcealSpLn	5%	0-2	\$2,100	2037	* *	5	\$600	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
AcousTileConcealSpLn	5%	0-2	\$1,400	2037	* *	5	\$600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout.								
Plaster	90%	0-2	\$41,500	LIFE	* *	5	\$10,100	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout.								
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2037	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Area In Front Garage								
Explanation : Driveway Dimensions - 24ft. X 21ft.								

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		
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	\$4,700	5		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement							
	Explanation : Two 200 Amps Main Disconnect Switch							
Raceway								
Conduit	100%			2024	\$30,600	1		
Panelboards								
Fused Disc Sw	5%			2023	\$1,900	5		
Molded Case Bkrs	95%			2023	\$35,800	5	\$300	
Wiring								
Thermoplastic	100%			2024	\$27,100	1		
Motor Controllers								
Locally Mounted	100%			2022	\$14,100	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2022	\$4,700	1	\$3,100	
Generators								
Diesel	100%			2020	\$64,300	1	\$3,900	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Generator Room, Garage							
	Explanation : One 81 Kva							
Batteries								
Lead/Acid	100%			2017	\$1,500	5	\$400	
Fuel Storage								
Day Tank	100%			2023	\$700	5	\$1,900	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Generator Room, Garage							
	Explanation : One 60 Gals							
Lighting								
Interior Lighting								
Fluorescent	70%			2024	\$43,800	10	\$6,400	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Explanation : T-8 Fixtures In Use							
Fluorescent	30%			2019	\$18,800	10	\$2,800	
	T-12 Lamps, Extent : Moderate, Area Affected : 100%							
	Location : Office And Female Locker Room							
Egress Lighting								
Emergency, Service	30%			2019	\$1,400	1		
Emergency, Service	40%			2024	\$1,900	1		
Exit, Service	30%			2024	\$300	1		
Exterior Lighting								
HID	100%			2019	\$36,900	10		

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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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2044	* *	1		
	Conversion Equipment								
	Furnace	75%			2024	\$8,900	1	\$3,700	
		Other Observation, Extent : Light, Area Affected : 75%							
		Location : 1st Floor							
		Explanation : 4 Units							
	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	\$6,000	1		
	No Component	70%							
Ventilation									
	Exhaust Fans								
	Roof	100%			2019	\$7,800	2	\$300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Garage Ceiling							
		Explanation : 2 Units							
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		
		Blockage /Clogged, Extent : Severe, Area Affected : 50%							
		Location : Garage Sewage Drain Line							
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Not Accessible	100%							
	Backflow Preventer								
	Not Accessible	100%							
Fixtures									
	Generic	100%							
		Obsolete Fixtures, Extent : Severe, Area Affected : 100%							
		Location : 1st Floor							

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : EMS STATION 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 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$102,100	
Interior Architecture		\$77,700	
Total		\$179,700	
Importance Code A		\$102,100	
Importance Code B		\$42,700	
Importance Code C		\$35,000	
Total		\$179,700	

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
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	\$1,300	LIFE	* *	5	\$6,100	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : West Side At Roof Level								
Masonry: Brick	73%	0-2	\$52,300	LIFE	* *	5	\$17,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 80%								
Location : North Facade								
Metal Panel	2%	Now	\$300	2044	* *	5	\$900	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : North Side								
Explanation : Damaged Metal Panels								
Metal Coiling Doors	4%			2037	* *	5	\$3,000	
Metal Coiling Doors	1%	Now	\$13,500	2044	* *	5	\$400	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	15%			LIFE	* *	5	\$11,900	
Windows								
Aluminum	100%	2-4	\$49,700	2049	* *	5	\$600	
Glazing Clouded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Parapets								
Cast in Place Concrete	98%	0-2	\$10,500	LIFE	* *	5	\$17,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	2%	0-2	\$300	2044	* *	5	\$100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	95%	0-2	\$10,300	2029	* *			
Miss/Damaged Flashings, Extent : Severe, Area Affected : 95%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : North Drain								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : 3rd Floor Work Area								
Roll Roofing	5%	0-2	\$1,600	2026	\$1,600	5	\$300	1
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Throughout								

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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 4 LOWER EAST SIDE OP
Asset # : 13982

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	45%	0-2	\$16,500	LIFE	* *	5	\$17,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Mezzanine Level								
Ceramic Tile	2%	0-2	\$300	2033	* *	5	\$200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	53%	Now	\$15,800	2029	* *	3	\$3,600	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : First Floor Throughout								
Interior Walls								
Ceramic Tile	2%	0-2	\$500	2033	* *	5	\$200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete Masonry Unit	86%	Now	\$35,000	LIFE	* *	5	\$6,500	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : First Floor Truck Port								
Gypsum Board	5%			LIFE	* *	5	\$600	
Masonry: Brick	2%			LIFE	* *			
Plaster	5%			LIFE	* *	5	\$300	
Ceilings								
AcousTileSusp.Lay-In	60%	Now	\$42,700	2029	* *	5	\$5,400	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Third Floor Office								
Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
Location : Third Floor Office								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Third Floor Work Area								
Explanation : Damaged Ceiling Tiles								
Exposed Concrete	35%			LIFE	* *	5	\$1,000	
Exposed Struc: Steel	5%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Chain link	100%	Now	\$28,500	2034	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Northeast Corner								
Explanation : Structural Member Is Leaning At An Extreme Angle								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			

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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Site Pavements

Parking/Driveway

Asphalt

90% 0-2 \$55,500 2027 * *

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

Cast in Place Concrete

10% 2037 * *

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

Under 600 Volts

Service Equipment

Fused Disc Sw

100% 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+ \$5,500 2050 * * 1

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

Panelboards

Molded Case Bkrs

50% 4+ \$18,800 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 \$19,000 1

Thermoplastic

30% 2034 * * 1

Motor Controllers

Locally Mounted

100% 2022 \$14,100 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

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

Maintenance \$ are aggregated over a ten-year period. 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

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
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>								
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>								
Batteries Lead/Acid	100%			2019	\$1,500	5	\$700	
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>								
Lighting								
Interior Lighting Fluorescent	75%			2032	* *	10	\$13,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Building</i>								
<i>Explanation : T-8 Fixtures In Use</i>								
HID	5%	2-4	\$3,900	2034	* *			
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Exterior And Interior First Floor</i>								
HID	15%			2029	* *	10	\$100	
Incandescent	5%			2029	* *	2		
Egress Lighting Emergency, Battery	50%			2032	* *	10	\$2,400	
Exit, Battery	50%			2032	* *	10	\$700	
Exterior Lighting HID	100%			2029	* *	10	\$100	

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

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

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)		
Heating									
	Conversion Equipment								
	Hot Water Boiler	90%			2044	* *	1	\$8,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Mechanical Room							
		Explanation : One Unit							
	Radiant Heater	10%			2024	\$8,600	2	\$900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 3rd Floor Men And Womens Locker Rooms							
		Explanation : Trane Electric Cabinet Unit Heater							
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	\$25,300	4	\$400	
Air Conditioning									
	Energy Source								
	Electricity	100%			2040	* *	1		
Conversion Equipment									
	Ext Pkg Unit - Cooling	30%	Now	\$27,100	2034	* *	2	\$300	
		Unit Inoperable, Extent : Moderate, Area Affected : 100%							
		Location : Roof							
	Window/Wall Unit	60%	Now	\$4,800	2019	\$24,100	1		
		Broken, Extent : Moderate, Area Affected : 100%							
		Location : 1st Floor Office Area							
	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	\$4,600	2	\$300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : 1 - 74 Gallon Unit							
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.
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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			
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	\$10,500	
	Sprinkler								
	Generic	100%			2044	* *	1-2	\$5,600	
	Chemical System								
	Dry	10%			2022	\$2,600	1-3	\$5,100	
		Other Observation, Extent : Moderate, Area Affected : 10%							
		Location : Kitchen							
		Explanation : Pcl-160							
	No Component	80%							
	Generic	10%			2019	\$2,600	1-3	\$5,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Fire Extinguishers							

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : EMS STATION 46 ELMHURST STATION
Address : ELMHURST HOSPITAL 79-01 BROADWAY
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIRSEMS.046 / 14002 **Yr Built/Renovated** :
Area Sq Ft : 11,000 **Project Type** : FIRE DEPARTMENT
Date of Survey : 25-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Floors 1,2
Block : 1500 **Lot** : 2 **BIN** : 4437132

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

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



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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 46 ELMHURST STATION
Asset # : 14002

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	75%			LIFE	* *	5	\$5,200	
	Other Observation, Extent : Moderate, Area Affected : 25%							
	Location : North Side							
	Explanation : The North Section Of Building Is Attached To The Old Nurses Buiding Of Elmhurst Hospital.							
Metal Sect. OHD	25%			2037	* *	5	\$5,400	
Windows								
Aluminum	40%			2040	* *	5		
Steel	60%	Now	\$2,200	2049	* *	5	\$300	
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
	Location : Second Floor							
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%							
	Location : Second Floor							
	Water Penetration, Extent : Severe, Area Affected : 10%							
	Location : Second Floor							
Parapets								
Not Accessible	100%							
Roof								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Roof							
	Explanation : There Is No Permanent Access To The Roof. A Ladder Was Not Available.							
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$6,900	
Ceramic Tile	2%			2027	* *	5	\$100	
Vinyl Tile	48%			2024	\$25,100	3	\$1,100	
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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Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Panelboards									
	Molded Case Bkrs	100%			2032	* *	5	\$300	
Wiring									
	Thermoplastic	100%			2034	* *	1		
Lighting									
Interior Lighting									
	Fluorescent	20%			2024	\$13,800	10	\$2,000	
		T-12 Lamps, Extent : Moderate, Area Affected : 100%							
		Location : 1st Floor							
	Fluorescent	10%			2024	\$6,900	10	\$1,000	
		T-8 Lamps, Extent : Moderate, Area Affected : 100%							
		Location : Offices							
	HID	70%			2024	\$30,100	10	\$300	
Egress Lighting									
	Emergency, Battery	50%			2024	\$7,200	10	\$1,300	
	Exit, Battery	50%			2024	\$2,000	10	\$400	
Exterior Lighting									
	HID	100%			2024	\$40,600	10		
Alarm									
Security System									
	No Component	70%							
	Generic	30%			2024	\$9,800	1	\$1,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Outside							
		Explanation : C C T V Surveillance Cameras							
Fire/Smoke Detection									
	No Component	70%							
	Generic	30%			2024	\$33,400	1-3	\$2,000	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Hallways							
		Explanation : Strobe Lights, Manual Pull Station And Horns							

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

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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 46 ELMHURST STATION
Asset # : 14002

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Furnace	50%			2029	* *	1	\$2,700	
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Truck Bay Only							
		Explanation : 2 Modine Heaters							
	No Component	50%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Office Area							
		Explanation : Heating Supplied From Hospital Building							
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	\$11,000	1		
	No Component	50%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	30%			LIFE	* *	2-5	\$1,800	
	No Component	70%							
	Exhaust Fans								
	Roof	30%			2024	\$2,600	2	\$100	
	No Component	70%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2034	* *	1		
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : EMS STATION 55
Address : 3134 PARK AVENUE
Borough : BRONX
Program / Asset # : FIRSFMO.001 / 13231
Area Sq Ft : 12,199
Date of Survey : 23-Jun-2015
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 2419 **Lot** : 1 **BIN** : 2001898
Agency's Number : N/A
Yr Built/Renovated : 1900 /
Project Type : FIRE DEPARTMENT
Landmark Status : NONE

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

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



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FIRE DEPARTMENT - 057
EMS STATION 55
Asset # : 13231

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								
Alum/Vinyl Siding	2%	Now	\$1,800	2036	* *			
	Deteriorated Finish, Extent : Moderate, Area Affected : 100% Location : Throughout.							
Masonry: Brick	25%	Now	\$95,300	LIFE	* *	5	\$7,100	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25% Location : Throughout.							
Masonry: Brick	50%	Now	\$20,900	LIFE	* *	5	\$14,200	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 15% Location : Ground Face Brick-surrounding Masonry Openings Throughout Building.							
Masonry: Limestone	5%	Now	\$8,400	LIFE	* *	5	\$1,100	
	Vertical Cracks, Extent : Light, Area Affected : 25% Location : Front Facade.							
Stucco Cement	13%	Now	\$5,200	2039	* *	5	\$4,600	
	Cracking/Crumbling, Extent : Severe, Area Affected : 75% Location : Various Locations Throughout							
Wood Overhead Doors	5%			2031	* *	5	\$7,100	
Windows								
Aluminum	100%			2042	* *	5	\$1,700	
	Unit Inoperable, Extent : Light, Area Affected : 2% Location : Rear Office Window							
Parapets								
Masonry: Brick	90%	Now	\$3,100	LIFE	* *	5	\$2,700	
	Broken/Missing Elements, Extent : Light, Area Affected : 50% Location : Parapet Wall Adjacent To Roof Hatch. Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15% Location : Various Locations Throughout Paint Peeling, Extent : Light, Area Affected : 15% Location : Various Locations Throughout							
Masonry: Limestone	10%	0-2	\$600	LIFE	* *	5	\$400	
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10% Location : Various Locations Throughout Caulking Deteriorated, Extent : Light, Area Affected : 10% Location : Various Locations Throughout							
Roof								
Modified Bitumen	95%			2031	* *	10	\$12,000	
	Blisters, Extent : Moderate, Area Affected : 10% Location : Upper Roof Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15% Location : Various Locations Throughout							
Skylight, Metal/Glass	5%	0-2	\$1,800	2046	* *			
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Upper Roof Explanation : Failing Caulk Joints							

Interior

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FIRE DEPARTMENT - 057
EMS STATION 55
Asset # : 13231

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	50%	Now	\$4,600	LIFE	* *	5	\$20,000	
Horizontal Cracks, Extent : Moderate, Area Affected : 75%								
Location : Throughout Basement.								
Uneven Surface, Extent : Moderate, Area Affected : 30%								
Location : Basement And Apparatus Floor								
Ceramic Tile	5%			2029	* *	5	\$900	
Quarry Tile	5%			2039	* *	5	\$1,400	
Vinyl Tile	40%			2031	* *	3	\$2,700	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Landing By Rear Stairs & Locker Room.								
Interior Walls								
Ceramic Tile	5%			2029	* *	5	\$1,400	
Gypsum Board	35%			LIFE	* *	5-10	\$16,100	
Masonry: Brick	40%	Now	\$41,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement & Various Locations Throughout.								
Masonry: Fieldstone	5%	Now	\$5,600	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Basement.								
Explanation : Parged Over Granite Foundation Wall Showed Missing Mortar In Various Locations.								
Plaster	10%	Now	\$1,100	LIFE	* *	5	\$800	
Broken/Missing Elements, Extent : Light, Area Affected : 75%								
Location : Various Locations Throughout 1st Floor.								
Wood	5%			LIFE	* *	5	\$10,800	
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Womens Locker Room								
Ceilings								
AcousTileSusp.Lay-In	30%	2-4	\$2,200	2039	* *	5	\$2,700	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout								
Embossed Metal	30%	Now	\$9,400	LIFE	* *	5	\$2,500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Over Main Truck Bays.								
Exposed Struc: Steel	30%			LIFE	* *	10	\$11,000	
Gypsum Board	10%			LIFE	* *	5-10	\$6,300	
Site Enclosure								
Fence/Gates								
Chain link	100%	2-4	\$2,900	2036	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Rear Parking Lot								
Site Pavements								

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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
Asset # : 13231

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

Site Pavements

Parking/Driveway

Asphalt

80% Now \$9,700 2035 * *

Ponding, Extent : Moderate, Area Affected : 15%
Location : Rear Parking Lot
Potholes, Extent : Severe, Area Affected : 5%
Location : Rear Parking Lot
Sinking/Subsiding, Extent : Severe, Area Affected : 10%
Location : Rear Parking Lot

Cast in Place Concrete

20% 2039 * *

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

Under 600 Volts

Service Equipment

Fused Disc Sw

100% 2026 \$4,700 5 \$100

Raceway

Conduit

100% 2026 \$30,600 1

Panelboards

Molded Case Bkrs

100% 2034 * * 5 \$300

Covers Missing, Extent : Moderate, Area Affected : 10%
Location : 2nd Floor

Wiring

Thermoplastic

100% 2026 \$27,100 1

Motor Controllers

Locally Mounted

100% 2031 * * 5 \$100

Ground

Grounding Devices

Not Accessible

100%

Stand-by Power

Transfer Switches

Automatic

100% 2031 * * 1 \$3,800

Other Observation, Extent : Light, Area Affected : 100%
Location : Basement
Explanation : 200 Amp.

Generators

Diesel

100% 2022 \$64,300 1 \$4,700

Other Observation, Extent : Light, Area Affected : 100%
Location : Outside, Close To Rear Parking Lot.
Explanation : 76 Kw

Batteries

Lead/Acid

100% 2017 \$1,500 5 \$500

Fuel Storage

Main Tank

100% 2029 * * 5 \$400

Lighting

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

Maintenance \$ are aggregated over a ten-year period. 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
Asset # : 13231

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Lighting									
	Interior Lighting								
	Fluorescent	100%			2031	* *	10	\$11,200	
		T-8 Lamps, Extent : Light, Area Affected : 75%							
		Location : Throughout							
		T-12 Lamps, Extent : Light, Area Affected : 25%							
		Location : 1st Floor And Basement							
	Egress Lighting								
	Emergency, Service	50%			2026	\$2,900	1		
	Emergency, Service	50%			2026	\$2,900	1		
	Exterior Lighting								
	HID	100%			2021	\$45,000	10		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Exterior							
		Explanation : Photocell Control							
Alarm									
	Security System								
	No Component	50%							
	Generic	50%			2026	\$18,000	1	\$2,300	
	Fire/Smoke Detection								
	No Component	90%							
	Generic, Analog	10%	Now	\$12,300	2036	* *			
		Local/Battery Operated Detect, Extent : Light, Area Affected : 100%							
		Location : Throughout							
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)		
Heating									
	Energy Source								
	Natural Gas	100%			2036	* *	1		
	Conversion Equipment								
	Steam Boiler	90%	2-4	\$26,100	2039	* *	1	\$9,800	
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Basement							
		Explanation : Unit Requires A Lot Of Water Fill. Unit 15 Years Old							
	Steam Boiler	10%			2039	* *	1	\$1,200	
	Distribution								
	Steam Piping/Pump	100%			2026	\$83,200	4	\$900	
		Insul. Deteriorating, Extent : Light, Area Affected : 20%							
		Location : Basement							
	Terminal Devices								
	Convactor/Radiator	100%			2031	* *	1	\$3,900	
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
EMS STATION 55
Asset # : 13231

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								
Conversion Equipment								
Split Unit	80%	2-4	\$22,000	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	\$2,400	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$10,800	
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%			2017	\$6,500	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	\$7,000	2056	* *	1-2	\$100	
<i>Corroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Kitchen Hood 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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : EMS STATION 55 MELROSE STATION
Address : 3134 PARK AVE. @E 159TH STREET
Borough : BRONX **Agency's Number** : N/A
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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$133,300	\$46,200
Interior Architecture	\$35,200	\$104,600
Electrical	\$37,600	
Total	\$206,000	\$150,800
Importance Code A	\$133,300	\$46,200
Importance Code B	\$72,700	\$104,600
Total	\$206,000	\$150,800

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



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

Maintenance \$ are aggregated over a ten-year period. 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

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	3%	Now	\$5,800	LIFE	* *	5	\$5,700	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
Masonry: Brick	93%	Now	\$133,300	LIFE	* *	5	\$22,600	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
Metal Panel	2%	Now	\$300	2034	* *	5	\$900	
	Paint Peeling, Extent : Severe, Area Affected : 30%							
	Location : Back Side Of The Building							
Stucco Cement	2%	Now	\$1,400	2029	* *	5	\$600	
	Cracking/Crumbling, Extent : Severe, Area Affected : 30%							
	Location : Front And Side Of The Building							
Windows								
Aluminum	100%			2040	* *	5	\$1,200	
Parapets								
Cast Stone/Terra Cotta	5%	Now	\$1,100	LIFE	* *	5	\$700	
	Open Joints, Extent : Moderate, Area Affected : 30%							
	Location : Top Roof							
Masonry: Brick	5%	Now	\$200	LIFE	* *	5	\$100	
	Spalling, Extent : Moderate, Area Affected : 40%							
	Location : Low Roof							
Stucco Cement	90%	Now	\$2,000	2029	* *	5	\$2,000	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 30%							
	Location : Top Roof							
Roof								
Modified Bitumen	100%	Now	\$2,300	2024	\$46,200			
	Broken/Missing Elements, Extent : Light, Area Affected : 2%							
	Location : Around Roof Hatch							
	Water Penetration, Extent : Moderate, Area Affected : 2%							
	Location : Around Roof Hatch							
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	\$9,800	
Ceramic Tile	5%			2033	* *	5	\$900	
Vinyl Tile	70%	Now	\$5,200	2024	\$104,600	3	\$4,700	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 30%							
	Location : Second Floor							

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

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

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

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

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%	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	\$5,400	LIFE	* *			
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Boiler Room</i>								
Masonry: Fieldstone	2%			LIFE	* *			
Plaster	10%	Now	\$700	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	\$35,200	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	\$3,100	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	\$9,000	2027	* *			
<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		
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	

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

Maintenance \$ are aggregated over a ten-year period. 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		
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%			2044	* *	1			
Tray	10%			2037	* *	1			
Panelboards									
Molded Case Bkrs	40%			2040	* *	5	\$200		
	Obsolete Equipment, Extent : Moderate, Area Affected : 70%								
	Location : Basement And Office								
Molded Case Bkrs	60%			2040	* *	5	\$300		
Wiring									
Braided Cloth	30%	2-4	\$8,100	2049	* *	1			
	On Extended Life, Extent : Moderate, Area Affected : 30%								
	Location : Third And Second Floors								
Thermoplastic	70%			2044	* *	1			
Motor Controllers									
Locally Mounted	100%	4+	\$7,000	2037	* *	5	\$100		
	Aged Component, Extent : Moderate, Area Affected : 100%								
	Location : Garage Door Openers								
Ground									
Grounding Devices									
Generic	100%			LIFE	* *	5	\$300		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Basement								
	Explanation : Water Main								
Stand-by Power									
Transfer Switches									
Automatic	100%			2037	* *	1	\$6,200		
Generators									
Diesel	100%			2033	* *	1	\$7,800		
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Rear Yard								
	Explanation : Not Accessible								
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		
	T-8 Lamps, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
Fluorescent	30%	2-4	\$37,600	2034	* *				
	Obsolete Fixtures, Extent : Moderate, Area Affected : 30%								
	Location : Second And Third Floors								
HID	10%			2029	* *	10	\$100		
Incandescent	10%	Now	\$12,500	2034	* *	2			
	Damaged Fixtures, Extent : Moderate, Area Affected : 30%								
	Location : Third Floor								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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FIRE DEPARTMENT - 057
EMS STATION 55 MELROSE STATION
Asset # : 13992

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

Lighting

Egress Lighting									
Emergency, Battery	50%			2029		* *	10	\$2,400	
Exit, Battery	50%			2029		* *	10	\$700	
Exterior Lighting									
HID	100%			2029		* *	10	\$100	

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

Heating

Energy Source									
Natural Gas	100%			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		\$8,000	1		
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		\$4,500	2	\$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		

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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 55 MELROSE STATION
Asset # : 13992

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		
	Sump Pump(s)								
	Rigid Piping	100%			2032	* *	4	\$1,600	
	Backflow Preventer								
	No Component	95%							
	Generic	5%			2029	* *	1	\$100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : Serves Boiler Only								
	Fixtures								
	Generic	100%							
Fire Suppression									
	Chemical System								
	Dry	10%	Now	\$2,600	2024	\$2,600	1-3	\$4,700	
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location : Kitchen								
	Explanation : Ars-15b, Needs To Be Replaced								
	No Component	80%							
	Generic	10%			2022	\$2,600	1-3	\$5,100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Fire Extinguishers								

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

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

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$38,700			
Interior Architecture	\$63,200			\$1,000
Electrical	\$4,800	\$1,700	\$30,000	\$1,700
Mechanical	\$13,400	\$1,700	\$17,200	\$1,700
Total	\$120,000	\$3,500	\$47,200	\$4,500
Importance Code A	\$38,700	\$1,200	\$100	\$1,200
Importance Code B	\$58,700	\$2,300	\$47,200	\$3,300
Importance Code C	\$22,600			
Total	\$120,000	\$3,500	\$47,200	\$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
EMS STATION 58 EAST 83RD STREET STATION
Asset # : 14000

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	60%	Now	\$8,600	LIFE	* *	5	\$14,600	
	Broken/Missing Elements, Extent : Light, Area Affected : 2%							
	Location : Front Facade Bottom Corner							
Metal Coiling Doors	40%			2037	* *	5	\$30,400	
Windows								
Aluminum	100%	0-2	\$14,900	2040	* *	5	\$600	
	Broken/Missing Elements, Extent : Light, Area Affected : 30%							
	Location : Throughout							
Parapets								
Not Accessible	100%							
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	50%	Now	\$18,300	LIFE	* *	5	\$19,700	
	Horizontal Cracks, Extent : Light, Area Affected : 5%							
	Location : Truck Bay Floor							
Ceramic Tile	5%	Now	\$1,700	2033	* *	5	\$500	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
	Location : Toilet Rooms							
Vinyl Tile	40%	Now	\$6,000	2029	* *	3	\$2,700	
	Split/Cracked, Extent : Moderate, Area Affected : 10%							
	Location : Throughout Administrative Space							
Vinyl Tile	5%	Now	\$7,500	2034	* *	3	\$300	
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : 2nd Floor							
	Explanation : 9x9's Need Replacing							
Interior Walls								
Ceramic Tile	5%	Now	\$2,500	2033	* *	5	\$500	
	Broken/Missing Elements, Extent : Light, Area Affected : 5%							
	Location : Toilet Rooms							
Concrete Masonry Unit	40%	Now	\$16,300	LIFE	* *	5	\$3,000	
	Diagonal Cracks, Extent : Light, Area Affected : 5%							
	Location : In Truck Bay Over Storage Mezzanine							
Gypsum Board	50%	Now	\$3,800	LIFE	* *	5	\$5,600	
	Vertical Cracks, Extent : Light, Area Affected : 10%							
	Location : Offices And Hallways							
Wood	5%			LIFE	* *	5	\$3,800	
Ceilings								
AcousTileSusp.Lay-In	50%	Now	\$7,100	2037	* *	5	\$4,500	
	Staining/Discoloring, Extent : Moderate, Area Affected : 10%							
	Location : Locker Rooms, Toilet Rooms							
Exposed Struc: Steel	50%			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
EMS STATION 58 EAST 83RD STREET STATION
Asset # : 14000

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

Site Pavements

Public Sidewalk

Cast in Place Concrete	100%		2037		* *
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Parking/Driveway

Cast in Place Concrete	100%		2037		* *
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*Other Observation, Extent : Severe, Area Affected : 100%**Location : 2 Street Sides**Explanation : 6 On Site Driveways*

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%		2034		* *	5		\$100
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : 1st Floor Service Room**Explanation : 2- 400 Amp Service Switches*

Raceway

Conduit	100%		2034		* *	1		
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Panelboards

Molded Case Bkrs	100%		2032		* *	5		\$700
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Wiring

Thermoplastic	100%		2024	\$27,100		1		
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Motor Controllers

Locally Mounted	100%		2022	\$14,100		5		\$200
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Ground

Grounding Devices

Generic	100%		LIFE		* *	5		\$400
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Basement**Explanation : Water Main*

Stand-by Power

Transfer Switches

Automatic	100%		2029		* *	1		\$7,700
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : 1st Floor Service Room**Explanation : Zenith Type 3 Phase 600 Amp Switch*

Generators

Diesel	100%		2027		* *	1		\$9,700
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : 1st Floor Service Room**Explanation : 188 Kva Generator*

Batteries

Lead/Acid	100%		2017	\$1,500		5		\$900
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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
EMS STATION 58 EAST 83RD STREET STATION
Asset # : 14000

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
Stand-by Power								
Fuel Storage								
Day Tank	30%			2032	* *	5	\$1,400	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : 1st Floor Rear							
	Explanation : 100 Gallon Tank							
Main Tank	70%			2039	* *	5	\$500	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : 1st Floor							
	Explanation : 1500 Gals							
Lighting								
Interior Lighting								
Fluorescent	95%			2019	\$148,700	10	\$21,800	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout Bldg							
	Explanation : T-12 Fixtures In Use							
HID	5%			2019	\$4,900	10		
Egress Lighting								
Emergency, Service	10%			2019	\$1,200	1		
Exit, Service	90%			2024	\$2,400	1		
Exterior Lighting								
HID	100%			2019	\$92,200	10	\$100	
Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Radiant Heater	50%			2024	\$53,700	2	\$5,800	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Garage							
	Explanation : (4) Gas Fired Radiant Heaters							
Not Accessible	50%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Roof							
	Explanation : (3) Gas Fired Packaged Roof Top Units							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$13,900	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Office Space							
	Explanation : Office And Support Space Only							
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		

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

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								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	40%	Now	\$12,900	2024	\$64,400	2	\$500	
	Malfunctioning, Extent : Moderate, Area Affected : 100%							
	Location : Roof, Defective Compressors							
Window/Wall Unit	10%			2019	\$5,000	1		
No Component	50%							
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2	\$16,300	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Office / Support Space							
	Explanation : Garage Space Is Not Covered By This System							
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$7,000	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Garage							
	Explanation : Flat Canvas Duct System							
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$7,000	
Exhaust Fans								
Interior	25%			2024	\$6,700	2	\$200	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 83rd Street Side							
	Explanation : Serves Garage Only							
Roof	50%			2024	\$9,700	2	\$400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Roof							
	Explanation : Serves Garage Only							
Roof	25%	Now	\$200	2024	\$4,900	2	\$200	
	Malfunctioning, Extent : Moderate, Area Affected : 25%							
	Location : Defective Male And Female Locker Room / Toilet Exhaust Fans							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		
Water Heater								
Electric	100%			2019	\$3,800	4	\$100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Mens Locker Room, Apparatus Floor							
	Explanation : 2 - 50 Gallon Units							
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 Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Fixtures								
	Generic	100%							
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Garage							
		Explanation : Broken Water Cooler							
Fire Suppression									
	Sprinkler								
	No Component	50%							
	Generic	50%			2034	* *	1-2	\$3,500	

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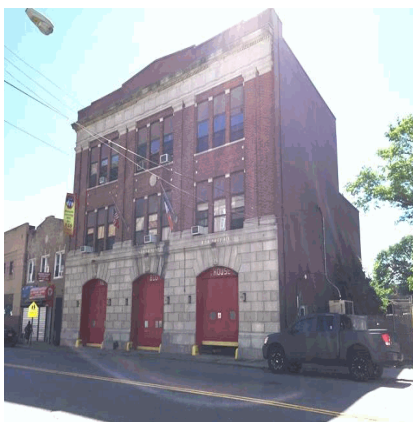
Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENG CO 264&ENG CO 328/LAD CO 134
Address : 16-15 CENTRAL AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIRSECO.264 / 13153 **Yr Built/Renovated** : 1913 / 2003
Area Sq Ft : 13,944 **Project Type** : FIRE DEPARTMENT
Date of Survey : 22-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 15559 **Lot** : 25 **BIN** : 4298240

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

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



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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
ENG CO 264&ENG CO 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
Exterior								
Exterior Walls								
Masonry: Brick	15%			LIFE	**	5	\$5,400	
Masonry: Granite	5%			LIFE	**	5	\$1,300	
	Staining/Discoloring, Extent : Light, Area Affected : 2%							
	Location : Facade Base; Front Facade.							
Masonry: Limestone	15%	0-2	\$5,800	LIFE	**	5	\$2,000	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
	Location : At Joint Between Limestone And Granite							
	Caulking Deteriorated, Extent : Moderate, Area Affected : 15%							
	Location : Around All Overhead Doors And Adjacent Building							
	Staining/Discoloring, Extent : Light, Area Affected : 2%							
	Location : Cornice; Front Facade.							
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	**	5-10	\$4,500	
Masonry: Limestone	10%			LIFE	**	5-10	\$1,100	
	Staining/Discoloring, Extent : Light, Area Affected : 20%							
	Location : Coping On Main Roof.							
Stucco Cement	15%			2031	**	5	\$300	
Roof								
Built-Up (BUR)	100%	Now	\$6,900	2031	**			
	Debris on Roof, Extent : Moderate, Area Affected : 5%							
	Location : Southeast Corner							
	Miss/Damaged Flashings, Extent : Light, Area Affected : 5%							
	Location : Fourth Floor Roof East Wall.							
	Patching Evident, Extent : Moderate, Area Affected : 10%							
	Location : Various Locations							
	Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%							
	Location : At Patched Locations							

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
ENG CO 264&ENG CO 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								
Floors								
Cast in Place Concrete	75%	Now	\$7,900	LIFE	* *	5	\$34,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Third Floor Gymnasium								
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout All Floors								
Ceramic Tile	5%	0-2	\$1,000	2029	* *	5	\$500	
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Quarry Tile	5%			2031	* *	5	\$1,600	
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Vinyl Tile	15%	Now	\$2,600	2031	* *	3	\$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout								
Worn/Eroded, Extent : Light, Area Affected : 75%								
Location : Throughout.								

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FIRE DEPARTMENT - 057
ENG CO 264&ENG CO 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	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilets And Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets And Kitchen								
Gypsum Board	15%	2-4	\$500	LIFE	* *	5	\$1,600	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Masonry: Brick	15%	Now	\$5,100	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%								
Location : Engine Company Basement Under Sidewalk Grate.								
Paint Peeling, Extent : Light, Area Affected : 50%								
Location : Basement								
Plaster	45%	Now	\$6,300	LIFE	* *	5	\$2,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Various Locations								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Various Locations								
Spalling, Extent : Light, Area Affected : 10%								
Location : Various Locations								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Various Locations								
SGFT/Glazed Masonry	20%	Now	\$13,500	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Room								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Room								

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FIRE DEPARTMENT - 057
ENG CO 264&ENG CO 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								
Ceilings								
AcousTileSusp.Lay-In	55%	Now	\$4,500	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	\$9,800	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	* *	5-10	\$7,200	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Toilets And Showers</i>								
<i>Explanation : Paint Peeling</i>								
Plaster	20%	Now	\$5,400	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		
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	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&ENG CO 328/LAD CO 134
Asset # : 13153

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
	Type								
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	\$400	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2039	* *	1	\$4,300	
Generators									
	Diesel	100%			2035	* *	1	\$5,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Exterior							
		Explanation : 75 Kw							
Batteries									
	Nickel Cadmium	100%			2021	\$1,500	5	\$3,100	
Fuel Storage									
	Day Tank	100%			2042	* *	5	\$2,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Exterior							
		Explanation : 125 Gallons.							
Lighting									
	Interior Lighting								
	Fluorescent	97%			2031	* *	10	\$12,400	
		Motion Sensors in Use, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		T-8 Lamps, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Incandescent	3%			2026	\$2,600	2		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Ceiling Of Stair Tower							
		Explanation : Incandescent Down lighting							
Egress Lighting									
	Emergency, Battery	50%			2026	\$9,200	10	\$1,700	
	Exit, Battery	50%			2026	\$2,500	10	\$500	
Exterior Lighting									
	HID	100%			2026	\$51,400	10		
Alarm									

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

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

Alarm

Fire/Smoke Detection

No Component 90%

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

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

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

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 \$128,600 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 \$14,000 1

No Component 40%

Ventilation

Distribution

Ductwork/Diffusers 20% LIFE * * 2-5 \$2,500

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&ENG CO 328/LAD CO 134
Asset # : 13153

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									
	Exhaust Fans								
	Interior	10%			2026	\$1,500	2		
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Bathrooms							
		Explanation : Under Sized							
	Roof	10%			2026	\$1,100	2		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Kitchen							
		Explanation : Kitchen Exhaust							
	Wall Unit	30%			2026	\$6,200	2	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1st Floor							
		Explanation : Serves Engine Bays Only							
	No Component	50%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
		Antiquated, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Not Insulated, Extent : Light, Area Affected : 60%							
		Location : Bathrooms							
	Water Heater								
	Electric	50%	Now	\$100	2024	\$1,100	4		
		Unit Inoperable, Extent : Moderate, Area Affected : 20%							
		Location : Roof							
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Roof							
		Explanation : Solar Heat.							
	Gas Fired	50%			2024	\$1,600	2	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 75 Gallon Units							
	Sanitary Piping								
	Cast Iron	100%	0-2	\$8,900	LIFE	* *	1		
		Corroded, Extent : Severe, Area Affected : 20%							
		Location : Front Of Basement							
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2017	\$6,500	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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 1/HOOK & LADDER 24
Address : 142 WEST 31st STREET BTWN: 6TH AVE. - 7TH AVE.
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIRSECO.001 / 13001 **Yr Built/Renovated** : 1946 / 2005
Area Sq Ft : 11,326 **Project Type** : FIRE DEPARTMENT
Date of Survey : 16-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 806 **Lot** : 66 **BIN** : 1015173

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

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$61,700	\$8,000		
Interior Architecture	\$53,200		\$1,200	\$400
Electrical	\$11,800	\$800	\$1,000	\$2,300
Mechanical	\$24,000	\$9,700	\$10,200	\$5,200
Total	\$150,600	\$18,500	\$12,300	\$7,800
Importance Code A	\$62,200	\$8,600	\$600	\$600
Importance Code B	\$75,100	\$9,900	\$11,800	\$6,900
Importance Code C	\$13,300			\$400
Total	\$150,600	\$18,500	\$12,300	\$7,800



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 Estimates are rounded to the nearest hundred dollars.

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

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	75%			LIFE	**	5	\$42,000		
Masonry: Limestone	5%			LIFE	**	5	\$2,100		
Metal Panel	5%			2046	**	5-10	\$9,600		
Metal Sect. OHD	15%			2043	**	5	\$13,100		
Windows									
Aluminum	100%			2048	**	5	\$2,900		
Parapets									
Cast Stone/Terra Cotta	30%			LIFE	**	5-10	\$22,100		
Masonry: Brick	65%			LIFE	**	5-10	\$11,500		
Metal Rail	5%	Now	\$3,400	2046	**	5	\$900		
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%									
Location : Guard Rails Missing On Upper Mechanical Roof Tops									
Roof									
Roll Roofing	95%			2022	\$50,000	5	\$20,700		
Other Observation, Extent : Light, Area Affected : 60%									
Location : Throughout									
Explanation : Alligating At Seams									
Skylight, Metal/Glass	5%			2046	**	10	\$2,200		
Interior									
Floors									
Cast in Place Concrete	45%			LIFE	**	5	\$31,600		
Ceramic Tile	15%			2039	**	5	\$2,400		
Wood	40%	4+	\$4,100	2066	**	5	\$6,000		
Deteriorated Finish, Extent : Light, Area Affected : 50%									
Location : Throughout									
Interior Walls									
Cast in Place Concrete	10%			LIFE	**	10	\$3,800		
Ceramic Tile	5%			2035	**	5	\$800		
Concrete Masonry Unit	5%			LIFE	**	5	\$600		
Gypsum Board	30%	Now	\$400	LIFE	**	5	\$2,700		
Cracking/Crumbling, Extent : Light, Area Affected : 1%									
Location : Top Of Stairwell To Roof									
Masonry: Brick	5%			LIFE	**	10	\$200		
Metal Panel	5%			LIFE	**	10	\$300		
Plaster	5%			LIFE	**	5-10	\$600		
SGFT/Glazed Masonry	25%			LIFE	**	10	\$1,900		
Wood	10%			LIFE	**	5	\$12,000		
Ceilings									
Exposed Struc: Steel	25%			LIFE	**	10	\$8,000		
Gypsum Board	10%	Now	\$300	LIFE	**	5	\$2,000		
Water Penetration, Extent : Light, Area Affected : 5%									
Location : 2nd Floor Ceiling And Skylight									
Metal Panel	10%			LIFE	**	5	\$4,000		
Plaster	55%			LIFE	**	5-10	\$15,200		

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

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

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

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

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	25%			2031	* *	10	\$2,600	
		T-8 Lamps, Extent : Light, Area Affected : 100%							
		Location : Throughout Building							
	Fluorescent	25%			2031	* *	10	\$2,600	
		T-5 Lamps, Extent : Light, Area Affected : 100%							
		Location : Throughout Building							
	Fluorescent	20%			2031	* *	10	\$2,100	
		Compact Fluorescent Light, Extent : Light, Area Affected : 100%							
		Location : Corridors							
	HID	30%			2031	* *	10	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout Building							
		Explanation : Mostly Pendant Fixtures							
Egress Lighting									
	Emergency, Service	75%			2031	* *	1		
	Exit, LED	25%			2054	* *	1		
Exterior Lighting									
	HID	50%			2031	* *	10		
	HID	50%	Now	\$10,400	2031	* *			
		Malfunctioning, Extent : Light, Area Affected : 100%							
		Location : Rear Exterior And Roof							

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

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

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

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									
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	99%			2031	* *	2	\$700	
		Other Observation, Extent : Light, Area Affected : 100% Location : Roof Explanation : 4 - Heating / Cooling Units R-22							
	Window/Wall Unit	1%			2021	\$200	1		
Distribution									
	Ductwork/Diffusers	99%			LIFE	* *	2	\$18,200	
	No Component	1%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$10,000	
	Exhaust Fans								
	Roof	80%			2031	* *	2	\$300	
	Wall Unit	20%			2031	* *	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
	Water Heater								
	Gas Fired	100%			2021	\$2,600	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100% Location : Basement Explanation : 1 - 100 Gallon Unit, 1-175 Gallon Unit							
	Sanitary Piping								
	Cast Iron	100%	Now	\$9,600	LIFE	* *	1		
		Other Observation, Extent : Moderate, Area Affected : 100% Location : Basement Explanation : Reported That Main Drain Requires Monthly Cleaning. Reason For Required Cleaning Was Not Visible.							
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Backflow Preventer								
	Generic	100%			2031	* *	1	\$700	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	Generic	100%			2046	* *	1-2	\$3,200	
	Chemical System								
	Generic	100%			2024	\$25,500	1-3	\$50,600	

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Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 168 EMS STATION 23 ROSSVILLE STATION
Address : 1100 ROSSVILLE AVENUE 300 VETERANS ROAD EAST
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : FIR0018.000 / 13581 **Yr Built/Renovated** : 2003 /
Area Sq Ft : 20,096 **Project Type** : FIRE DEPARTMENT
Date of Survey : 12-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 7067 **Lot** : 252 **BIN** : 5851738

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

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



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

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								
Glass Block	2%			LIFE	* *	5	\$300	
Masonry: Brick	83%	2-4	\$12,400	LIFE	* *	5	\$21,000	
	Caulking Deteriorated, Extent : Moderate, Area Affected : 100%							
	Location : Perimeter							
Metal Coiling Doors	15%	4+	\$4,200	2040	* *	5	\$5,900	
	Deformed/Dented, Extent : Light, Area Affected : 100%							
	Location : Throughout							
Windows								
Aluminum	100%			2045	* *	5	\$600	
Parapets								
Metal Rail	100%			2040	* *	5-10	\$53,500	
Roof								
Modified Bitumen	100%	2-4	\$52,700	2023	\$175,700			
	Alligatoring, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
	Blisters, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
	Recent Repair Evident, Extent : Light, Area Affected : 30%							
	Location : Throughout							
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$26,300	
Ceramic Tile	10%	0-2	\$2,800	2036	* *	5	\$1,500	
	Cracking/Crumbling, Extent : Severe, Area Affected : 20%							
	Location : Kitchen							
Sheet Vinyl/Rubber	20%			2031	* *	5	\$9,000	
Vinyl Tile	30%			2031	* *	3	\$3,400	
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *			
Concrete Masonry Unit	70%	2-4	\$7,200	LIFE	* *	5	\$6,600	
	Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Throughout Cellar							
Glass Block	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	\$1,400	
Ceilings								
Exposed Concrete	30%	2-4	\$5,700	LIFE	* *	5	\$1,400	
	Diagonal Cracks, Extent : Moderate, Area Affected : 5%							
	Location : Throughout Cellar Ceiling							
Exposed Struc: Steel	40%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	\$1,900	
Metal Panel	25%	0-2	\$36,800	LIFE	* *	5	\$9,400	
	Water Penetration, Extent : Moderate, Area Affected : 25%							
	Location : Kitchen, E. M. S. And 2nd Floor Locker Room							

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

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	75%	4+	\$700	2043	* *	5		
	Suspect Water Damage, Extent : Moderate, Area Affected : 100%							
	Location : Electrical Room							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Electrical Room							
	Explanation : One Electrical Service Rated At 800 Amps							
Photovoltaic Panel(s)	25%			2032	* *	1		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement And Roof							
	Explanation : Photovoltaic Panels Observed On Roof. Photovoltaic Equipment Observed In Electric Room In Basement							
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5	\$100	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2039	* *	5	\$500	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	* *	5	\$100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 1st Floor							
	Explanation : (3) Overhead Door Operators							
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Water Meter Room							
	Explanation : Connected With Main Water Pipe							
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	\$6,200	
Generators								
Diesel	100%			2032	* *	1	\$7,800	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Exterior Rear Yard							
	Explanation : 80 Kva							
Batteries								
Lead/Acid	100%			2017	\$1,500	5	\$700	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Exterior Rear Yard							
	Explanation : Within Generator Enclosure							

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

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
Stand-by Power									
	Fuel Storage								
	Day Tank	100%			2039	* *	5	\$3,700	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Exterior Rear Yard									
Explanation : Below Generator									
Lighting									
	Interior Lighting								
	Fluorescent	100%			2028	* *	10	\$18,400	
T-8 Lamps, Extent : Light, Area Affected : 100%									
Location : Throughout									
	Egress Lighting								
	Exit, LED	100%			2051	* *	1		
	Exterior Lighting								
	HID	100%			2028	* *	10	\$100	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Exterior									
Explanation : Wall Packs On Buildings, Light Poles In Parking Area									
Lightning Protection									
	Arresters/Cabling								
	Generic	100%			2051	* *	5	\$600	
Alarm									
	Fire/Smoke Detection								
	Generic	100%			2028	* *	1-3	\$12,400	

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2049	* *	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2040	* *	1	\$9,900	
	Distribution								
	Hot Wtr Piping/Pump	100%			2045	* *	4	\$1,500	
	Terminal Devices								
	Air Handler	30%			2031	* *	1	\$3,700	
	Convector/Radiator	30%			2040	* *	1	\$2,000	
	Unit Heater-Stm/HW	20%			2028	* *	4	\$400	
	Unit Heater-Stm/HW	20%	Now	\$25,400	2033	* *	4	\$400	
	Unit Inoperable, Extent : Severe, Area Affected : 100%								
	Location : Apparatus Area								
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location : Apparatus Area								
	Explanation : Not Functioning								
Air Conditioning									
	Energy Source								
	Electricity	100%			2045	* *	1		

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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			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Air Conditioning									
	Conversion Equipment								
	Ext Pkg Unit - Cooling	50%			2028	* *	2	\$600	
	Split Unit	5%			2023	\$4,500			
	Window/Wall Unit	5%			2021	\$2,000	1		
	No Component	40%							
	Distribution								
	Ductwork/Diffusers	60%			LIFE	* *	2	\$15,700	
	No Component	40%							
	Heat Rejection								
	Air Condenser Unit	5%			2028	* *	2	\$700	
	No Component	95%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	50%			LIFE	* *	2-5	\$5,600	
	No Component	50%							
	Exhaust Fans								
	Roof	100%			2028	* *	2	\$600	
Plumbing									
	H/C Water Piping								
	Brass/Copper	70%			2049	* *	1		
	Galv Iron/Steel	30%			2040	* *	1		
	Water Heater								
	Gas Fired	100%			2021	\$4,600	2	\$300	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Cellar Mechanical Room						
			Explanation : Two 75 Gallon Water Heaters						
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
			Recent Repair Evident, Extent : Light, Area Affected : 20%						
			Location : Throughout						
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Rigid Piping	100%			2031	* *	4	\$1,600	
	Backflow Preventer								
	Generic	100%			2031	* *	1	\$1,200	
	Fixtures								
	Generic	100%							
			Other Observation, Extent : Light, Area Affected : 10%						
			Location : Apparatus Area						
			Explanation : Apparatus Area Drinking Fountain Not Operating						
Fire Suppression									

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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. 168 EMS STATION 23 ROSSVILLE STATION
Asset # : 13581

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									
	No Component	60%							
	Generic	40%			2049	* *	1-2	\$2,300	
Other Observation, Extent : Light, Area Affected : 40%									
Location : Cellar									
Explanation : Cellar Fully Sprinkled									
Chemical System									
	Wet	100%			2022	\$27,800	1-3	\$57,100	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Kitchen									
Explanation : Over Range									

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 17/LADDER CO.18 (COMBINED FACILITY)
Address : 25 PITT STREET @ DELANCEY ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIRSECO.017 / 13013 **Yr Built/Renovated** : 1973 / 1988
Area Sq Ft : 14,780 **Project Type** : FIRE DEPARTMENT
Date of Survey : 04-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 342 **Lot** : 60 **BIN** : 1004078

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

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	93%			LIFE	* *	5	\$8,100	
Metal Panel	2%			2044	* *	5-10	\$1,200	
Metal Coiling Doors	5%	0-2	\$9,600	2029	* *	5	\$700	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Windows								
Steel	100%	0-2	\$107,100	2049	* *	5	\$13,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Deteriorated								
Parapets								
Cast in Place Concrete	2%			LIFE	* *	5	\$1,200	
Masonry: Brick	98%			LIFE	* *	5	\$5,800	
Roof								
Built-Up (BUR)	100%	0-2	\$3,700	2029	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	35%	Now	\$32,500	LIFE	* *	5	\$17,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 60%								
Location : First Floor								
Ceramic Tile	5%			2033	* *	5	\$1,100	
Mosaic Tile	5%			2037	* *	5	\$2,900	
Quarry Tile	5%			2037	* *	5	\$1,700	
Vinyl Tile	50%	Now	\$9,500	2029	* *	3	\$4,300	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Second Floor								
Explanation : Deteriorated Floor Tiles								
Interior Walls								
Ceramic Tile	2%			2033	* *	5	\$600	
Concrete Masonry Unit	46%			LIFE	* *	5	\$5,300	
Plaster	30%	0-2	\$6,700	LIFE	* *	5	\$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	20%			LIFE	* *			
Wood	2%			LIFE	* *	5	\$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.

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

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 70% Now \$50,500 2029 * * 5 \$8,000

Cracking/Crumbling, Extent : Severe, Area Affected : 60%

Location : Throughout

Other Observation, Extent : Light, Area Affected : 2%

Location : Throughout

Explanation : Damaged Ceiling Tiles

Exposed Concrete 20% LIFE * * 5 \$700

Plaster 5% 0-2 \$14,600 LIFE * * 5 \$700

Cracking/Crumbling, Extent : Severe, Area Affected : 100%

Location : Throughout

No Component 5%

Site Pavements

Public Sidewalk

Cast in Place Concrete 100% 2037 * *

Parking/Driveway

Cast in Place Concrete 100% 0-2 \$1,400 2037 * *

Cracking/Crumbling, Extent : Light, Area Affected : 10%

Location : Throughout

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% 2044 * * 1

Panelboards

Molded Case Bkrs 90% 2040 * * 5 \$400

Molded Case Bkrs 10% 2023 \$3,800 5

Wiring

Thermoplastic 100% 2044 * * 1

Motor Controllers

Locally Mounted 30% 0-2 \$4,200 2044 * * 5

Obsolete Equipment, Extent : Moderate, Area Affected : 30%

Location : Garage Door Motor Controls

On Extended Life, Extent : Moderate, Area Affected : 100%

Location : Throughout

Locally Mounted 70% 2037 * * 5 \$100

Ground

Grounding Devices

Generic 100% LIFE * * 5 \$200

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

Location : Basement

Explanation : Water Main

Lighting

*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. 17/LADDER CO.18 (COMBINED FACILITY)
Asset # : 13013

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	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	\$18,500	2034	* *			
	<i>Obsolete Fixtures, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Garage & 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	\$54,500	10		

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%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Other Side Of Building							
	Explanation : Supplied From 7th Precinct							
Conversion Equipment								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Supplied From The Precinct							
	Explanation : Inadequate Heat Supply							
Distribution								
Hot Wtr Piping/Pump	100%			2040		* *	4	\$700
Terminal Devices								
Convactor/Radiator	90%	Now	\$6,100	2037		* *	1	\$3,900
	Malfunctioning, Extent : Moderate, Area Affected : 5%							
	Location : Control System In The Precinct							
Fan Coil Unit/Heat	10%	Now	\$1,100	2029		* *	1	\$400
	Malfunctioning, Extent : Moderate, Area Affected : 5%							
	Location : Control System In The Precinct							
Air Conditioning								
Energy Source								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Other Side Of Building							
	Explanation : Supplied From 7th Precinct							

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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. 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
Air Conditioning									
	Conversion Equipment								
	Not Accessible	100%							
			Other Observation, Extent : Light, Area Affected : 0%						
			Location : Other Side Of Building						
			Explanation : Supplied From 7th Precinct						
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2	\$19,200	
Terminal Devices									
	Not Accessible	100%							
			Other Observation, Extent : Light, Area Affected : 0%						
			Location : Other Side Of Building						
			Explanation : Supplied From 7th Precinct						
Heat Rejection									
	Not Accessible	100%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,200	
Exhaust Fans									
	Roof	100%	Now	\$1,100	2029	* *	2	\$400	
			Broken, Extent : Moderate, Area Affected : 10%						
			Location : Kitchen- On The Roof						
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%	Now	\$2,200	2050	* *	1		
			Leak Evident, Extent : Moderate, Area Affected : 5%						
			Location : Kitchen						
Water Heater									
	Electric	100%			2022	\$2,200	4	\$100	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : 1st Floor						
			Explanation : 2 - 119 Gallon Units						
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%	Now	\$1,000	LIFE	* *	1		
			Blockage /Clogged, Extent : Moderate, Area Affected : 5%						
			Location : Apparatus Room - When It Rains Hard						
Fixtures									
	Generic	100%							
			Obsolete Fixtures, Extent : Severe, Area Affected : 40%						
			Location : Bathroom, Second Floor						
Fire Suppression									
	Standpipe								
	Generic	100%			2044	* *	1-5	\$7,700	
Sprinkler									
	Generic	100%			2044	* *	1-2	\$4,100	

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*** 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%			2017	\$2,600	1-3	\$5,500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Kitchen							
		Explanation : Model Rg-4gs							
	No Component	80%							
	Generic	10%			2019	\$2,600	1-3	\$5,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Fire Extinguishers							

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 201/LADDER CO. 114
Address : 5113 4th AVENUE
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSECO.201 / 13098 **Yr Built/Renovated** : 2009 /
Area Sq Ft : 17,800 **Project Type** : FIRE DEPARTMENT
Date of Survey : 12-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 799 **Lot** : 5 **BIN** : 3013535

CAPITAL**Total**

Importance Code

Total

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



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** 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		
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	\$26,000	
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	**	5-10	\$2,200	
Masonry: Brick	90%			LIFE	**	5-10	\$4,800	
Roof								
Modified Bitumen	95%	Now	\$500	2031	**			
	Drains Clogged, Extent : Moderate, Area Affected : 20% Location : Low Roof							
Skylight, Metal/Glass	5%			2046	**	10	\$800	
Interior								
Floors								
Cast in Place Concrete	30%	4+	\$300	LIFE	**	5	\$3,300	
	Horizontal Cracks, Extent : Light, Area Affected : 5% Location : Apparatus Floor And Basement.							
Ceramic Tile	5%			2035	**	5	\$200	
Panel/Paver: Concrete	5%	Now	\$300	2046	**			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 15% Location : Inner Courtyard Area							
Wood	60%			2054	**	5	\$5,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	**	10	\$900	
Concrete Masonry Unit	10%	2-4	\$1,500	LIFE	**	5	\$300	
	Water Penetration, Extent : Light, Area Affected : 2% Location : Basement Entry Stairs, Both Sides.							
Gypsum Board	75%	Now	\$400	LIFE	**	5	\$3,100	
	Paint Peeling, Extent : Light, Area Affected : 2% Location : Stairwell Water Penetration, Extent : Light, Area Affected : 2% Location : Stairwell							
Wood	10%			LIFE	**	5	\$5,500	
Ceilings								
AcousTileSusp.Lay-In	55%			2039	**	5	\$2,700	
Embossed Metal	30%			LIFE	**	5	\$1,300	
Gypsum Board	10%	0-2	\$500	LIFE	**	5	\$600	
	Broken/Missing Elements, Extent : Light, Area Affected : 2% Location : Basement Stair. Other Observation, Extent : Light, Area Affected : 2% Location : Engine Bunk Room. Explanation : Paint Peeling.							
Wood	5%			LIFE	**	5	\$4,400	

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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.

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Type									
Under 600 Volts									
Service Equipment	Fused Disc Sw	100%			2052	* *	5	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 600 Amps.							
Switchgear / Switchboard	Molded Case Bkrs	100%			2052	* *	5	\$500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 600 Amps.							
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	\$500	
Stand-by Power									
Transfer Switches	Automatic	100%			2043	* *	1	\$5,500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Electrical Room (Basement)							
		Explanation : One (1) 600 Amp (1) 70 Amps.							
Generators	Diesel	100%			2039	* *	1	\$6,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Generator Room (Basement)							
		Explanation : 117.3 Kw							
Batteries	Lead/Acid	100%			2021	\$1,500	5	\$700	
Fuel Storage	Main Tank	100%			2061	* *	5	\$500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 25 Gallon Tank							
Lighting									
Interior Lighting	Fluorescent	100%			2034	* *	10	\$16,300	
		T-8 Lamps, Extent : Light, Area Affected : 100%							
		Location : Throughout Building							
Egress Lighting	Emergency, Battery	50%			2034	* *	10	\$2,100	
	Exit, Battery	50%			2034	* *	10	\$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. 201/LADDER CO. 114
Asset # : 13098

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

Lighting

Exterior Lighting

HID

100%

2031

* *

10

\$100

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)		

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

\$6,500

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

\$13,000

1

\$300

Air Conditioning

Energy Source

Electricity

100%

2048

* *

1

Conversion Equipment

Ext Pkg Unit -

Heating/Cooling

95%

Now

\$5,400

2031

* *

2

\$800

*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

\$5,200

LIFE

* *

2

\$16,200

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

Ductwork/Diffusers

30%

LIFE

* *

2

\$8,700

Ventilation

Distribution

Ductwork/Diffusers

100%

LIFE

* *

2-5

\$15,700

Exhaust Fans

Roof

100%

2031

* *

2

\$500

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

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%			2046	* *	1		
	Water Heater Gas Fired	100%			2024	\$4,000	2	\$300	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : 2 - 120 Gallon Units					
	Sanitary Piping Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s) Rigid Piping	100%			2031	* *	4	\$1,600	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : Duplex Unit					
	Backflow Preventer Generic	100%			2031	* *	1	\$1,100	
	Fixtures Generic	100%							
Fire Suppression									
	Sprinkler No Component	50%							
	Generic	50%			2046	* *	1-2	\$2,500	
	Chemical System Generic	100%			2024	\$25,500	1-3	\$50,600	

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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.*

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 206
Address : 1201 GRAND STREET
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSECO.206 / 13102 **Yr Built/Renovated** : 1976 /
Area Sq Ft : 10,180 **Project Type** : FIRE DEPARTMENT
Date of Survey : 04-Oct-2011 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 2929 **Lot** : 53 **BIN** : 3070506

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

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
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	\$11,400	LIFE	**	5	\$19,300	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Overhead Door Opening								
Wood Overhead Doors	10%	0-2	\$3,300	2036	**	5	\$5,400	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Apparatus								
Windows								
Aluminum	100%	Now	\$21,900	2048	**	5	\$300	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$600	
Concrete Masonry Unit	45%			LIFE	**	5	\$400	
Masonry: Brick	45%			LIFE	**	5	\$400	
Roof								
Modified Bitumen	100%			2031	**	10	\$14,900	
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	\$63,300	2033	**	3	\$2,900	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	10%			2032	**	5	\$800	
Concrete Masonry Unit	35%			LIFE	**	5	\$1,100	
SGFT/Glazed Masonry	55%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	90%	Now	\$21,700	2040	**	5	\$6,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room And Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Staining/Discoloring, Extent : Severe, Area Affected : 80%								
Location : Apparatus Room And Throughout								
Plaster	10%	0-2	\$1,000	LIFE	**	5	\$1,000	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor Bathroom								

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	\$4,700	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		
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%			2023	\$30,600	1		
Panelboards								
Molded Case Bkrs	100%			2022	\$37,700	5	\$300	
<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Firehouse</i>								
Wiring								
Thermoplastic	100%			2023	\$27,100	1		
Motor Controllers								
Locally Mounted	100%			2021	\$14,100	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2021	\$4,700	1	\$3,100	
Generators								
Diesel	100%			2019	\$64,300	1	\$3,900	
Batteries								
Lead/Acid	100%			2017	\$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	\$63,700	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	\$18,800	10		
HID	10%			2018	\$3,800	10		
No Component	40%							

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

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

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

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

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

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								
Terminal Devices								
Convector/Radiator	95%			2040	* *	1	\$3,100	
Unit Heater-Stm/HW	5%			2031	* *	4		
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	50%			2031	* *	2	\$300	
Window/Wall Unit	50%			2022	\$10,200	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$13,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,700	
Exhaust Fans								
Roof	100%			2028	* *	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		
Water Heater								
Gas Fired	100%			2022	\$2,300	2	\$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Side Utility Room								
Explanation : 2 - 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	95%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Kitchen								
Explanation : Ansul System Serves Cooking Area								
Generic	5%			2049	* *	1-2	\$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.

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 211/LADDER CO. 119 FIRE MARSHALLS
Address : 26 HOOPER STREET
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSECO.211 / 13106 **Yr Built/Renovated** : 1925 /
Area Sq Ft : 28,285 **Project Type** : FIRE DEPARTMENT
Date of Survey : 03-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2,3,4,5
Block : 2203 **Lot** : 16 **BIN** : 3060298

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

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



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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. 211/LADDER CO. 119 FIRE MARSHALLS
Asset # : 13106

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	25%	Now	\$110,400	LIFE	* *	5	\$12,500	
	Efflorescence, Extent : Moderate, Area Affected : 10%							
	Location : Elevator Penthouse							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%							
	Location : Site Walls Located Around Perimeter Of Property, Chimney							
	Misaligned/Bulging, Extent : Severe, Area Affected : 30%							
	Location : Site Wall Located At Rear Of Property							
	Vertical Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Elevator Penthouse							
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : Elevator Penthouse							
Stucco Cement	70%			2031	* *	5	\$87,400	
Wood Overhead Doors	5%	Now	\$1,500	2031	* *	5	\$6,200	
	Other Observation, Extent : Light, Area Affected : 2%							
	Location : All Doors							
	Explanation : Repairs In Progress							
Windows								
Aluminum	100%	Now	\$33,000	2034	* *	5	\$2,000	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 25%							
	Location : Fourth Floor Offices Along The South Side And Various Other Locations.							
	Unit Inoperable, Extent : Moderate, Area Affected : 25%							
	Location : Various Locations							
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	\$4,200	
Masonry: Brick	80%			LIFE	* *	5-10	\$16,300	
Metal Panel	15%			2046	* *	5	\$1,700	
	Recent Replace Evident, Extent : Light, Area Affected : 100%							
	Location : Entire Parapet On Main Roof							
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		
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	20%			LIFE	* *	5	\$37,000	
Repairs in Progress, Extent : Light, Area Affected : 15%								
Location : Apparatus Floor								
Ceramic Tile	5%			2035	* *	5	\$2,100	
Quarry Tile	3%			2031	* *	5	\$1,900	
Terrazzo	2%	Now	\$7,700	LIFE	* *	5	\$700	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : 2nd Floor Showers								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor Showers								
Vinyl Tile	65%	Now	\$4,600	2021	\$228,500	3	\$10,300	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout 2nd Floor								
Vinyl Tile	5%	Now	\$17,600	2036	* *	3	\$800	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Third Floor Workout Room.								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Third Floor Workout Room.								
Interior Walls								
Cast in Place Concrete	30%			LIFE	* *	10	\$33,500	
Ceramic Tile	5%	Now	\$12,100	2029	* *	5	\$1,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : 3rd Floor Shower Area Adjacent To Gymnasium								
Concrete Masonry Unit	25%			LIFE	* *	5	\$8,900	
Gypsum Board	15%			LIFE	* *	5-10	\$11,400	
Plaster	10%	Now	\$3,500	LIFE	* *	5	\$1,300	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Room 211, Northeast Corner Of 4th And 5th Floor Offices								
SGFT/Glazed Masonry	15%	Now	\$5,100	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : 1st Floor, Apparatus Area								
Ceilings								
AcousTileSusp.Lay-In	50%			2039	* *	5	\$21,200	
Exposed Concrete	30%			LIFE	* *	5-10	\$15,900	
Plaster	20%	Now	\$2,200	LIFE	* *	5	\$5,300	
Paint Peeling, Extent : Light, Area Affected : 2%								
Location : 2nd Floor Locker Room								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Locker Room								

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

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

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	\$100	
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : 1st Floor						
		Explanation : 400 Amp Main Switch						
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	\$800	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	\$8,700	
Generators								
Diesel	100%			2029	* *	1	\$11,000	
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Exterior						
		Explanation : 125w Generator						
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	\$106,300	10	\$15,600	
		T-8 Lamps, Extent : Light, Area Affected : 100%						
		Location : Throughout						
Fluorescent	30%			2026	\$53,100	10	\$7,800	
		T-12 Lamps, Extent : Light, Area Affected : 100%						
		Location : 4th And 5th Floors						
Incandescent	10%			2026	\$17,700	2	\$100	
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Stairs, Dormitory And Closets						
		Explanation : Mostly Incandescent Fixtures						
Egress Lighting								
Emergency, Service	20%			2026	\$2,700	1		
No Component	80%							
Exterior Lighting								
HID	50%			2026	\$52,200	10		
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. 211/LADDER CO. 119 FIRE MARSHALLS
Asset # : 13106

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

Alarm

Security System

No Component

90%

Generic

10%

2026

\$8,400

1

\$1,100

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

Heating

Energy Source

Natural Gas

100%

2046

* *

1

Conversion Equipment

Hot Water Boiler

16%

2039

* *

1

\$2,200

*Other Observation, Extent : Light, Area Affected : 100%**Location : Mechanical Room**Explanation : 1 Hot Water Boiler*

Steam Boiler

34%

Now

\$4,600

2039

* *

1

\$8,600

1

*Unit Inoperable, Extent : Severe, Area Affected : 100%**Location : Mechanical Room**Other Observation, Extent : Severe, Area Affected : 100%**Location : Mechanical Room**Explanation : 2 Of 5 Boilers Not Operating*

Steam Boiler

50%

2039

* *

1

\$14,000

*Other Observation, Extent : Light, Area Affected : 100%**Location : Mechanical Room**Explanation : 3 Of 5 Steam Boilers Running Ok*

Distribution

Hot Wtr Piping/Pump

16%

2042

* *

4

\$300

Steam Piping/Pump

84%

0-2

\$3,200

2036

* *

4

\$1,200

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : 2nd Floor**Explanation : Water Damage To Walls And Ceilings On 2nd Floor.*

Terminal Devices

Convactor/Radiator

100%

2031

* *

1

\$9,100

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.*

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

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

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								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2026	\$54,600	2	\$500	
	R-22 Refrigerant, Extent : Light, Area Affected : 100%							
	Location : Roof							
Split Unit	2%			2026	\$2,600			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Kitchen							
	Explanation : R 410a							
Window/Wall Unit	58%			2021	\$32,900	1		
No Component	10%							
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2	\$13,800	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$25,000	
Exhaust Fans								
Roof	70%			2026	\$15,400	2	\$600	
Wall Unit	30%			2026	\$12,500	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2046	* *	1		
Galv Iron/Steel	50%			2031	* *	1		
Water Heater								
Gas Fired	100%			2021	\$6,400	2	\$400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Mechanical Room							
	Explanation : 2 75 Gallon Water Heaters							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : 2nd Floor							
	Explanation : Possible Leaking From Drain Piping. Could Not Verify.							
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
	Other Observation, Extent : Severe, Area Affected : 5%							
	Location : Shower							
	Explanation : Bases Cracked							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Serves 1st To 5th Floor							
	Explanation : 1 Unit							

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

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

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

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

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

*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.*

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 233/LADDER CO. 176
Address : 25 ROCKAWAY AVENUE
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSECO.233 / 13124 **Yr Built/Renovated** : 1974 / 1984
Area Sq Ft : 12,000 **Project Type** : FIRE DEPARTMENT
Date of Survey : 03-Oct-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 1512 **Lot** : 1 **BIN** : 3040990

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

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



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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		
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	45%	Now	\$39,600	LIFE	**	5	\$6,100	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
	Location : Entry Facade							
	Vertical Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Entry And Street Facades							
Metal Panel	10%	Now	\$800	2033	**	5	\$4,100	
	Deformed/Dented, Extent : Moderate, Area Affected : 20%							
	Location : House Watch At Main Facade							
Metal Sect. OHD	10%			2036	**	5	\$6,800	
Stucco Cement	35%			2036	**	5	\$19,100	
Windows								
Aluminum	97%			2039	**	5	\$600	
Metal Louvers	3%			2032	**	10	\$100	
Parapets								
Concrete Masonry Unit	70%			LIFE	**	5	\$700	
Metal Panel	20%			2043	**	5	\$600	
Metal Rail	10%			2036	**	5-10	\$1,500	
Roof								
Modified Bitumen	100%	Now	\$119,700	2033	**			
	Alligating, Extent : Severe, Area Affected : 40%							
	Location : Main And Lower Roofs							
	Blisters, Extent : Moderate, Area Affected : 35%							
	Location : Main And Lower Roofs							
	Seams Open/Split, Extent : Moderate, Area Affected : 30%							
	Location : Main And Lower Roofs							
	Worn/Eroded, Extent : Moderate, Area Affected : 25%							
	Location : Main And Lower Roofs							
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$15,700	
Ceramic Tile	5%			2032	**	5	\$900	
Quarry Tile	5%			2036	**	5	\$1,300	
Vinyl Tile	50%			2028	**	3	\$3,400	
Interior Walls								
Cast in Place Concrete	10%			LIFE	**			
Ceramic Tile	5%			2032	**	5	\$800	
Concrete Masonry Unit	45%			LIFE	**	5	\$2,700	
Gypsum Board	10%			LIFE	**	5	\$900	
SGFT/Glazed Masonry	30%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	10%	2-4	\$1,400	2040	**	5	\$900	
	Staining/Discoloring, Extent : Moderate, Area Affected : 40%							
	Location : Kitchen							
Exposed Concrete	25%			LIFE	**	5	\$700	
Gypsum Board	65%			LIFE	**	5	\$14,600	

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Estimates are rounded to the nearest hundred dollars.

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

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

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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

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
Exit, Service

1% 0-2 2033 * * 1
Damaged Fixtures, Extent : Moderate, Area Affected : 100%
Location : Dormitory

Exit, Service 39% 2018 \$500 1
 No Component 60%

Exterior Lighting

HID 50% 2023 \$22,100 10
 No Component 50%

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

Heating

Energy Source
Natural Gas 100% 2049 * * 1

Conversion Equipment
Hot Water Boiler 100% 2040 * * 1 \$5,900

Distribution
Hot Wtr Piping/Pump 100% 2045 * * 4 \$900

Terminal Devices
Convactor/Radiator 100% 2040 * * 1 \$3,900

Air Conditioning

Energy Source
Electricity 100% 2045 * * 1

Conversion Equipment
Int Pkg Unit - Cooling 30% 2027 * * 2 \$200

Other Observation, Extent : Light, Area Affected : 100%
Location : Bunk Area
Explanation : Split Unit

Window/Wall Unit 70% 2021 \$16,900 1

Heat Rejection
Remote Air Cond 30% 2031 * * 2 \$2,500

No Component 70%

Ventilation

Exhaust Fans
Roof 100% 2028 * * 2 \$400

Plumbing

H/C Water Piping
Galv Iron/Steel 100% 2036 * * 1

Booster Pump w/Tank, Extent : Light, Area Affected : 100%
Location : Basement

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

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								
	Gas Fired	100%			2022	\$2,700	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 75 Gallon Units							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sewage Ejector(s)								
	Electric	100%			2028	* *	4	\$1,600	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	80%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Kitchen							
		Explanation : Ansul System Serves Cooking Area							
	Generic	20%			2043	* *	1-2	\$700	

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 234 LADDER 123/BATTALION 38
Address : 1352 ST. JOHN'S PLACE
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSECO.234 / 13125 **Yr Built/Renovated** : 1977 /
Area Sq Ft : 10,355 **Project Type** : FIRE DEPARTMENT
Date of Survey : 03-Oct-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 1384 **Lot** : 8 **BIN** : 3037055

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

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$40,400			\$5,300
Interior Architecture	\$35,000			\$800
Electrical	\$3,000	\$3,300	\$700	\$700
Mechanical	\$9,800	\$14,300	\$3,400	\$800
Total	\$88,200	\$17,700	\$4,200	\$7,600
Importance Code A	\$40,900	\$600	\$500	\$5,800
Importance Code B	\$46,600	\$17,000	\$3,700	\$1,800
Importance Code C	\$700			
Total	\$88,200	\$17,700	\$4,200	\$7,600



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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. 234 LADDER 123/BATTALION 38
Asset # : 13125

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	90%	Now	\$231,800	LIFE	* *	5	\$12,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : On Both Sides Of Overhead Door								
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Entry Facade								
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : All Facades								
Wood Overhead Doors	10%			2040	* *	5	\$10,700	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Entry Facade								
Windows								
Aluminum	100%	Now	\$21,800	2048	* *	5	\$300	
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	30%			LIFE	* *	5	\$3,700	
Recent Repair Evident, Extent : Light, Area Affected : 90%								
Location : Main And Lower Roofs								
Metal Rail	5%			2036	* *	5-10	\$1,400	
Stucco Cement	65%			2036	* *	5	\$2,700	
Recent Repair Evident, Extent : Light, Area Affected : 70%								
Location : Main And Lower Roofs								
Roof								
Single Ply Membrane	100%	Now	\$18,600	2031	* *			1
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Lower Roof								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Office, Bunk Room								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$16,500	
Ceramic Tile	5%			2032	* *	5	\$800	
Quarry Tile	5%			2036	* *	5	\$1,100	
Vinyl Tile	40%	0-2	\$10,000	2031	* *	3	\$2,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Second Floor								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	10%			2032	* *	5	\$1,500	
Concrete Masonry Unit	15%			LIFE	* *	5	\$900	
Gypsum Board	30%			LIFE	* *	5	\$2,600	
SGFT/Glazed Masonry	35%			LIFE	* *			

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

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

Exposed Concrete	20%			LIFE		* *	5	\$500	
Gypsum Board	80%	Now	\$23,800	LIFE		* *	5	\$15,100	

Cracking/Crumbling, Extent : Severe, Area Affected : 40%

Location : 2nd Floor Office And Officer Bunk Room

Site Enclosure

Fence/Gates

Chain link	60%			2043		* *			
Iron Picket	40%			2058		* *			

Site Pavements

On-Site Walkways

Cast in Place Concrete	100%			2036		* *			
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Parking/Driveway

Cast in Place Concrete	100%			2036		* *			
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Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2023		\$4,700	5	\$300	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Basement

Explanation : 300 Amps.

Switchgear / Switchboard

Molded Case Bkrs	100%			2023		\$47,700	5	\$300	
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Raceway

Conduit	100%			2033		* *	1		
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Panelboards

Molded Case Bkrs	100%			2022		\$37,700	5	\$300	
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Wiring

Thermoplastic	100%			2023		\$27,100	1		
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Motor Controllers

Locally Mounted	100%			2021		\$14,100	5	\$100	
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Stand-by Power

Transfer Switches

Automatic	100%			2021		\$4,700	1	\$3,200	
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Generators

Diesel	100%			2019		\$64,300	1	\$4,000	
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Batteries

Lead/Acid	100%			2017		\$1,500	5	\$400	
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FIRE DEPARTMENT - 057
ENGINE CO. 234 LADDER 123/BATTALION 38
Asset # : 13125

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
Stand-by Power								
Fuel Storage								
Day Tank	50%			2022	\$400	5	\$1,000	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 75 Gallons</i>							
Main Tank	50%			2026	\$600	5	\$200	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Underground</i>							
	<i>Explanation : 650 Gallons</i>							
Lighting								
Interior Lighting								
Fluorescent	50%			2023	\$32,400	10	\$4,700	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Mostly T-12</i>							
Fluorescent	50%			2023	\$32,400	10	\$4,700	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Mostly T-8</i>							
Egress Lighting								
Emergency, Service	100%			2023	\$5,000	1		
Exterior Lighting								
Fluorescent	7%			2018	\$2,300	10	\$100	
HID	33%			2023	\$12,600	10		
No Component	60%							

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	35%			2043	* *	1		
Natural Gas	65%			2049	* *	1		
Conversion Equipment								
Furnace	35%			2033	* *	1	\$1,800	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : Heating / Cooling Unit Being Installed</i>							
Hot Water Boiler	65%			2036	* *	1	\$3,300	
Distribution								
Ductwork/Diffusers	35%			LIFE	* *	2-5	\$2,000	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : New Ducts Being Installed</i>							
Hot Wtr Piping/Pump	65%			2039	* *	4	\$300	

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

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									
	Terminal Devices								
	Convector/Radiator	90%			2036	* *	1	\$3,000	
	Unit Heater-Stm/HW	10%			2023	\$6,500	4	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1st Floor							
		Explanation : Serves Engine Bay							
Air Conditioning									
	Energy Source								
	Electricity	100%			2045	* *	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	35%			2033	* *	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Explanation : New Unit Being Installed							
	Window/Wall Unit	65%			2018	\$13,500	1		
	Distribution								
	Ductwork/Diffusers	35%			LIFE	* *	2	\$4,700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Explanation : New Ducts Being Installed							
	No Component	65%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,800	
	Exhaust Fans								
	Roof	90%			2031	* *	2	\$300	
	Wall Unit	10%	Now	\$1,500	2033	* *	2		
		Broken, Extent : Severe, Area Affected : 100%							
		Location : 1st Floor							
Plumbing									
	H/C Water Piping								
	Galv Iron/Steel	100%			2036	* *	1		
	Water Heater								
	Gas Fired	100%			2021	\$2,400	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 Units 74 Gallons Each							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2017	\$6,500	4	\$2,500	
	Fixtures								
	Generic	100%							

Fire Suppression

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

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									
No Component		95%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Kitchen							
		Explanation : Ansul System Serves Cooking Area							
Generic		5%			2033	* *	1-2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Limited Coverage							

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Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 238/LADDER CO. 106
Address : 205 GREENPOINT AVENUE @ MCGUINNESS BLVD.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSECO.238 / 13129 **Yr Built/Renovated** : 1972 /
Area Sq Ft : 10,262 **Project Type** : FIRE DEPARTMENT
Date of Survey : 27-Sep-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 2560 **Lot** : 50 **BIN** : 3064786

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

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



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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. 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	\$12,200
Masonry: Brick	85%			LIFE	**	5	\$20,800
Wood Overhead Doors	5%			2028	**	5	\$6,100

Windows

Aluminum	100%	2-4	\$98,600	2048	**	5	\$1,200
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Parapets

Cast Stone/Terra Cotta	5%			LIFE	**	5	\$1,000
Masonry: Brick	80%			LIFE	**	5	\$2,100
Pre-Cast Concrete	15%			LIFE	**	5	\$2,500

Roof

Roll Roofing	100%	Now	\$6,100	2022	\$60,800	5	\$12,600
<i>Water Penetration, Extent : Moderate, Area Affected : 50%</i>							
<i>Location : Main Roof</i>							

Interior

Floors

Cast in Place Concrete	50%			LIFE	**	5	\$16,800
Ceramic Tile	15%			2032	**	5	\$2,300
Vinyl Tile	35%	0-2	\$4,500	2023	\$44,600	3	\$2,000
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>							
<i>Location : 2nd Floor</i>							

Interior Walls

Cast in Place Concrete	10%	Now	\$6,500	LIFE	**		
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>							
<i>Location : Throughout Basement</i>							
Ceramic Tile	10%			2026	\$56,900	5	\$2,100
Concrete Masonry Unit	15%			LIFE	**	5	\$1,300
Gypsum Board	5%			LIFE	**	5	\$600
Plaster	30%			LIFE	**	5	\$1,900
SGFT/Glazed Masonry	30%			LIFE	**		

Ceilings

AcousTileConcealSpLn	45%	0-2	\$10,900	2040	**	5	\$4,300
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>							
<i>Location : 2nd Floor</i>							
Exposed Concrete	45%			LIFE	**	5	\$1,100
Plaster	10%			LIFE	**	5	\$1,000

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

Molded Case Bkrs	100%			2033	**	5	\$300
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Switchgear / Switchboard

Molded Case Bkrs	100%			2033	**	5	\$300
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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. 238/LADDER CO. 106
Asset # : 13129

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%			2033	* *	1		
Panelboards								
Molded Case Bkrs	100%			2031	* *	5	\$300	
Wiring								
Thermoplastic	100%			2033	* *	1		
Motor Controllers								
Motor Control Center	100%			2028	* *	5	\$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	\$3,200	
Generators								
Diesel	100%			2032	* *	1	\$4,000	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : 55 Kw							
Batteries								
Lead/Acid	100%			2017	\$1,500	5	\$400	
Fuel Storage								
Main Tank	100%			2038	* *	5	\$300	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : 275 Gallons							
Lighting								
Interior Lighting								
Fluorescent	100%			2028	* *	10	\$9,400	
Egress Lighting								
Emergency, Service	100%			2023	\$4,900	1		
Exterior Lighting								
HID	100%			2023	\$37,800	10		

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

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

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								
Terminal Devices								
Convactor/Radiator	90%			2040	* *	1	\$3,000	
Unit Heater-Stm/HW	10%			2031	* *	4	\$100	
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Int Pkg Unit - Cooling	50%	Now	\$1,300	2024	\$64,500	2	\$300	
		<i>Malfunctioning, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
Ext Pkg Unit - Cooling	50%			2028	* *	2	\$300	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$13,400	
Terminal Devices								
Direct Expansion	50%			2028	* *	1		
No Component	50%							
Heat Rejection								
Remote Air Cond	50%			2028	* *	2	\$3,600	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,700	
Exhaust Fans								
Interior	50%			2028	* *	2	\$200	
Roof	50%			2028	* *	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		
Water Heater								
Gas Fired	100%			2022	\$2,300	2	\$200	
		<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	2018	\$6,500	4	\$1,600	
		<i>Not in Service, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Cellar</i>						
Fixtures								
Generic	100%							

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 258/LADDER CO. 115
Address : 10-10 47TH AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIRSECO.258 / 13147 **Yr Built/Renovated** : 1903 / 2009
Area Sq Ft : 10,491 **Project Type** : FIRE DEPARTMENT
Date of Survey : 10-Jun-2015 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 46 **Lot** : 34 **BIN** : 4000333

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

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$62,400		\$2,600	
Interior Architecture	\$71,300		\$1,600	
Electrical	\$6,900	\$700	\$3,500	\$700
Mechanical	\$10,300	\$1,600	\$5,500	\$8,500
Total	\$150,900	\$2,300	\$13,200	\$9,200
Importance Code A	\$62,900	\$500	\$3,100	\$500
Importance Code B	\$72,100	\$1,800	\$8,400	\$8,700
Importance Code C	\$15,900		\$1,600	
Total	\$150,900	\$2,300	\$13,200	\$9,200



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

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	3%			LIFE	* *	5	\$18,200	
Masonry: Brick	75%	Now	\$94,000	LIFE	* *	5	\$29,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Northwest Corner Including Street Side Parapet								
Vegetation Growth, Extent : Severe, Area Affected : 2%								
Location : East Facade.								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Explanation : Water Infiltration During Heavy Rain Observed By Firefighters.								
Masonry: Granite	2%			LIFE	* *	5	\$1,200	
Masonry: Limestone	10%	0-2	\$10,100	LIFE	* *	5	\$2,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Front Facade.								
Metal Sect. OHD	5%			2031	* *	5	\$6,100	
Stucco Cement	5%			2031	* *	5	\$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 4th Floor Bulkhead								
Explanation : Stucco Located At 4th Floor Observed From Roof.								
Windows								
Aluminum	100%	Now	\$18,200	2042	* *	5	\$1,000	
Unit Inoperable, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Metal Panel	70%			2036	* *	5	\$7,400	
Metal Rail	30%	Now	\$1,200	2031	* *	5	\$5,800	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : At The Corners.								

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

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Type									
Exterior									
Roof									
	Built-Up (BUR)	85%	Now	\$17,600	2021	\$58,700			
		Blisters, Extent : Severe, Area Affected : 25%							
		Location : Main Roof							
		Drains Clogged, Extent : Moderate, Area Affected : 25%							
		Location : Towards Front Of Building							
		Ponding, Extent : Moderate, Area Affected : 15%							
		Location : Various Locations							
		Water Penetration, Extent : Moderate, Area Affected : 50%							
		Location : Main Roof							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Main Roof							
		Explanation : Poor Installation On Replacement Roof.							
	Metal Panel	10%			2039	* *	10	\$2,600	
	Skylight, Metal/Glass	5%	Now	\$5,600	2036	* *			
		Water Penetration, Extent : Moderate, Area Affected : 50%							
		Location : Main Roof							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Over Stair.							
		Explanation : Needs Complete Re-caulking.							
Interior									
Floors									
	Cast in Place Concrete	40%			LIFE	* *	5	\$27,500	
	Ceramic Tile	15%	Now	\$2,400	2029	* *	5	\$1,200	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Kitchen.							
	Wood	45%	0-2	\$74,700	2041	* *	5	\$6,600	
		Deteriorated Finish, Extent : Moderate, Area Affected : 75%							
		Location : 1st And 2nd Floor.							
		Loose/Miss Fasteners, Extent : Light, Area Affected : 25%							
		Location : Various Locations							

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

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	10%			2029	* *	5	\$3,200	
Concrete Masonry Unit	20%	4+	\$7,700	LIFE	* *	5	\$2,600	
	Staining/Discoloring, Extent : Light, Area Affected : 15%							
	Location : Basement							
	Water Penetration, Extent : Light, Area Affected : 10%							
	Location : Basement							
Gypsum Board	10%	Now	\$700	LIFE	* *	5	\$1,900	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
	Location : Various Locations							
Masonry: Brick	20%			LIFE	* *	10	\$1,900	
	Paint Peeling, Extent : Light, Area Affected : 25%							
	Location : Apparatus Room							
Plaster	40%	Now	\$5,500	LIFE	* *	5	\$3,900	
	Water Penetration, Extent : Moderate, Area Affected : 20%							
	Location : 3rd Floor Under Skylight In Pool Room And Various Other Locations.							
Ceilings								
AcousTileSusp.Lay-In	35%	Now	\$14,300	2031	* *	5	\$2,700	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
	Location : Various Locations Throughout.							
	Staining/Discoloring, Extent : Moderate, Area Affected : 35%							
	Location : 2nd, 3rd & 4th Floor Mezzanine Lounge Area.							
Embossed Metal	45%	Now	\$13,300	LIFE	* *	5	\$3,200	
	Broken/Missing Elements, Extent : Light, Area Affected : 5%							
	Location : 4th Floor And Apparatus Room							
	Deformed/Dented, Extent : Moderate, Area Affected : 10%							
	Location : 4th Floor And Apparatus Room							
	Staining/Discoloring, Extent : Moderate, Area Affected : 25%							
	Location : 4th Floor And Apparatus Room							
Exposed Struc: Steel	15%	Now	\$10,600	LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 2%							
	Location : 3rd Floor, Rear Wall And Basement							
	Explanation : Rusted Lintel Above Window.							
Plaster	5%	Now	\$1,100	LIFE	* *	5	\$500	
	Horizontal Cracks, Extent : Light, Area Affected : 5%							
	Location : Truck Bay Stair And 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

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

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : 800 Amps. Service									
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	\$300	
Stand-by Power									
Transfer Switches									
	Automatic	100%			2039	* *	1	\$3,200	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : 400 Amp									
Generators									
	Diesel	100%			2029	* *	1	\$4,100	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : 250kw									
Batteries									
	Lead/Acid	100%			2019	\$1,600	5	\$400	
Fuel Storage									
	Day Tank	100%			2034	* *	5	\$1,900	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Outside Rear Yard									
Explanation : 125 Gallons									
Lighting									
Interior Lighting									
	Fluorescent	90%			2026	\$64,700	10	\$8,700	
T-5 Lamps, Extent : Light, Area Affected : 100%									
Location : Throughout									
	Incandescent	10%			2021	\$7,200	2		
Egress Lighting									
	Emergency, Battery	50%			2026	\$7,600	10	\$1,300	
	Exit, Battery	50%			2026	\$2,000	10	\$400	

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

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

Exterior Lighting									
HID	50%				2021	\$21,200	10		
No Component	50%								

Alarm

Fire/Smoke Detection									
No Component	95%								
Generic, Analog	5%	4+	\$5,800	2036		* *			
<i>Local/Battery Operated Detect, Extent : Light, 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									
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									
Convactor/Radiator	90%				2039	* *	1	\$3,100	
Unit Heater-Stm/HW	10%				2031	* *	4	\$100	

Air Conditioning

Energy Source									
Electricity	100%				2048	* *	1		
Conversion Equipment									
Ext Pkg Unit - Cooling	95%	2-4	\$71,200	2036		* *	2	\$500	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>									
<i>Location : 7 Roof Units</i>									
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Roof</i>									
<i>Explanation : On Extended Life</i>									
Window/Wall Unit	5%				2021	\$1,200	1		
Distribution									
Ductwork/Diffusers	100%				LIFE	* *	2	\$17,100	

Ventilation

Distribution									
Ductwork/Diffusers	100%				LIFE	* *	2-5	\$9,300	
Exhaust Fans									
Interior	50%				2026	\$6,200	2	\$200	
Roof	50%				2021	\$4,500	2	\$200	

Plumbing

H/C Water Piping									
Brass/Copper	100%				2052	* *	1		

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*** 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Water Heater								
	Gas Fired	100%			2024	\$2,600	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 75 Gallon Units							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : Combination Sewer Backs Up During Heavy Rains							
	Storm Drain Piping								
	Cast Iron	100%	0-2	\$1,600	LIFE	* *	1		
		Blockage /Clogged, Extent : Light, Area Affected : 20%							
		Location : Roof Drain							
	Sump Pump(s)								
	Submersible	100%			2020	\$7,200	4	\$2,500	
	Backflow Preventer								
	Generic	100%			2034	* *	1	\$600	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	Generic	100%			2052	* *	1-2	\$2,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Kitchen							
		Explanation : System Serves Cooking Area							

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Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 259/LADDER CO. 128 /BATTALION 45
Address : 33-49 GREENPOINT AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIRSECO.259 / 13148 **Yr Built/Renovated** : 1907 / 2009
Area Sq Ft : 15,800 **Project Type** : FIRE DEPARTMENT
Date of Survey : 03-May-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 307 **Lot** : 29 **BIN** : 4003673

CAPITAL**Total**

Importance Code

Total

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	84%			LIFE	**	5	\$10,100	
Masonry: Limestone	1%			LIFE	**	5	\$100	
Metal Panel	10%			2049	**	5-10	\$8,300	
Metal Sect. OHD	5%			2040	**	5	\$1,900	
Windows								
Aluminum	100%	Now	\$800	2045	**	5	\$200	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Front								
Weather Strip Missing, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	2-4	\$400	LIFE	**	5	\$1,100	
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : Front Facade								
Masonry: Brick	65%			LIFE	**	5	\$900	
Metal Panel	5%			2049	**	5	\$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Parapet								
Explanation : Metal Coping								
Metal Panel	20%			2049	**	5	\$1,100	
Roof								
IRMA/Protected Membrane	5%			2031	**	10	\$600	
Modified Bitumen	77%			2031	**	10	\$9,600	
Plaza Roof: Stone Panels	15%			2049	**			
Skylight, Metal/Glass	3%	Now	\$5,400	2043	**			
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Kitchen Skylight								
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	**	5	\$21,500	
Ceramic Tile	30%			2036	**	5	\$6,500	
Wood	25%			2058	**	5	\$10,200	
Interior Walls								
Cast in Place Concrete	15%			LIFE	**			
Ceramic Tile	5%			2036	**	5	\$1,300	
Concrete Masonry Unit	10%			LIFE	**	5	\$1,000	
Gypsum Board	64%	Now	\$1,300	LIFE	**	5	\$9,700	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : 3rd Floor Front								
Metal Panel	1%			LIFE	**			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Housewatch								
Explanation : Stainless Steel Panels								
Wood	5%			LIFE	**	5	\$5,100	

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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

Ceilings

AcousTileSusp.Lay-In 15% 2040 * * 5 \$3,300

*Staining/Discoloring, Extent : Light, Area Affected : 2%
Location : 2nd And 3rd Floor Offices*

Exposed Struc: Steel 25% LIFE * *
Gypsum Board 60% 4+ \$6,500 LIFE * * 5 \$16,400

*Water Penetration, Extent : Moderate, Area Affected : 5%
Location : 3rd Floor Bathroom, 3rd Floor Front
Other Observation, Extent : Moderate, Area Affected : 5%
Location : 3rd Floor Bunkroom
Explanation : Paint Peeling*

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% 2049 * * 5 \$100

*Recent Replace Evident, Extent : Light, Area Affected : 100%
Location : Basement Electrical Room
Other Observation, Extent : Light, Area Affected : 100%
Location : Basement Electrical Room
Explanation : Service Size: 600 Amp*

Switchgear / Switchboard

Air Circuit Breaker 100% 2049 * * 5 \$100

*Other Observation, Extent : Light, Area Affected : 100%
Location : Basement Electrical Room
Explanation : 600 Amp*

Raceway

Conduit 100% 2049 * * 1

Panelboards

Molded Case Bkrs 100% 2045 * * 5 \$400

Wiring

Thermoplastic 100% 2049 * * 1

Motor Controllers

Locally Mounted 100% 2040 * * 5 \$100

*Other Observation, Extent : Light, Area Affected : 100%
Location : 1st Floor And Basement
Explanation : Motor Controller For 3 Overhead Doors*

Ground

Grounding Devices

Generic 100% LIFE * * 5 \$200

*Other Observation, Extent : Light, Area Affected : 100%
Location : Basement
Explanation : Three Ground Clamps Observed*

Stand-by Power

*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. 259/LADDER CO. 128 /BATTALION 45
Asset # : 13148

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
Stand-by Power								
Transfer Switches Automatic	100%			2040	* *	1	\$4,900	
			Recent Installation, Extent : Light, Area Affected : 100%					
			Location : Basement					
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : Basement					
			Explanation : Two Transfer Switches Were Observed - Rating Not Visible					
Generators								
Diesel	100%			2032	* *	1	\$6,100	
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : Basement					
			Explanation : Rated At 40 Kva					
Batteries								
Nickel Cadmium	100%			2018	\$1,500	5	\$3,500	
Fuel Storage								
Day Tank	50%			2039	* *	5	\$1,500	
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : Basement					
			Explanation : 60 Gallon Capacity					
Main Tank	50%			2051	* *	5	\$200	
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : Basement					
			Explanation : Shares Main Apparatus Tank - 550 Gallon Capacity					
Lighting								
Interior Lighting Fluorescent	100%			2028	* *	10	\$14,500	
			Motion Sensors in Use, Extent : Light, Area Affected : 100%					
			Location : Throughout					
			T-8 Lamps, Extent : Light, Area Affected : 100%					
			Location : Throughout					
Egress Lighting								
Emergency, Battery	50%			2028	* *	10	\$1,900	
Exit, Service	50%			2028	* *	1		
Exterior Lighting								
HID	100%			2028	* *	10		
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : Exterior					
			Explanation : Operated By Photocell					
Alarm								
Fire/Smoke Detection No Component	95%							
Generic	5%			2023	\$8,000	1-3	\$500	
			Local/Battery Operated Detect, Extent : Light, Area Affected : 100%					
			Location : 3rd Floor					

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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

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)		
Heating									
	Energy Source								
	Natural Gas	100%			2049	* *	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2040	* *	1	\$7,800	
	Distribution								
	Hot Wtr Piping/Pump	90%			2045	* *	4	\$1,100	
	Hot Wtr Piping/Pump	10%	Now	\$7,800	2048	* *	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	\$14,600	2043	* *	1	\$500	
	Corroded, Extent : Severe, Area Affected : 100%								
	Location : Third Floor Bathroom								
	Fan Coil Unit/Heat	40%			2031	* *	1	\$2,000	
Air Conditioning									
	Energy Source								
	Electricity	100%			2045	* *	1		
	Conversion Equipment								
	Ext Pkg Unit - Cooling	70%			2031	* *	2	\$700	
	Split Unit	5%			2031	* *			
	No Component	25%							
	Distribution								
	Ductwork/Diffusers	70%			LIFE	* *	2	\$14,400	
	No Component	30%							
	Heat Rejection								
	Remote Air Cond	5%			2031	* *	2	\$600	
	No Component	95%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,800	
	Exhaust Fans								
	Interior	20%			2031	* *	2	\$100	
	Roof	80%			2031	* *	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2049	* *	1		
	Water Heater								
	Gas Fired	100%			2022	\$3,600	2	\$200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Cellar								
	Explanation : Two 75 Gallon Heaters								
	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.

*** 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

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)								
	Submersible	100%			2018	\$6,500	4	\$2,500	
	Backflow Preventer								
	Generic	100%			2031	* *	1	\$1,000	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Cellar							
		Explanation : Backflow Preventers On Domestic Water, Sprinkler And Boiler Water Feeds							
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	Generic	100%			2049	* *	1-2	\$4,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Building Fully Sprinklered Including Cellar							
	Chemical System								
	Wet	100%			2022	\$27,800	1-3	\$57,100	

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 265/LADDER CO. 121 / EMS STATION 47
Address : 303 BEACH 49 STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIRSECO.265 / 13154 **Yr Built/Renovated** : 2004 /
Area Sq Ft : 18,010 **Project Type** : FIRE DEPARTMENT
Date of Survey : 05-Apr-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2m,2
Block : 15926 **Lot** : 44 **BIN** : 4302052

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

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



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** 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	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle		Estimated Cost
	Type	Total	(Years)		FY		(Yrs)		
Exterior									
Exterior Walls									
	Concrete Masonry Unit	25%			LIFE	**	5	\$6,900	
	Exposed Struc: Steel	5%			LIFE	**	5	\$6,900	
	Masonry: Brick	55%			LIFE	**	5	\$24,300	
	Metal Sect. OHD	10%			2037	**	5	\$13,800	
	Window Wall	5%			2044	**	5	\$8,300	
Windows									
	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	
Other Observation, Extent : Moderate, Area Affected : 50%									
Location : Over Second Floor									
Explanation : Concrete Pavers									
Interior									
Floors									
	Cast in Place Concrete	75%			LIFE	**	5	\$44,200	
	Ceramic Tile	5%			2033	**	5	\$1,300	
	Vinyl Tile	20%			2029	**	3	\$2,700	
Interior Walls									
	Ceramic Tile	5%			2033	**	5	\$1,200	
	Concrete Masonry Unit	40%			LIFE	**	5	\$4,000	
	Gypsum Board	45%			LIFE	**	5	\$6,700	
	Masonry: Brick	5%			LIFE	**			
	Wood	5%			LIFE	**	5	\$5,000	
Ceilings									
	AcousTileSusp.Lay-In	30%			2037	**	5	\$8,100	
	Exposed Struc: Steel	60%			LIFE	**			
	Gypsum Board	10%			LIFE	**	5	\$3,400	
Site Enclosure									
Fence/Gates									
	Chain link	50%			2044	**			
	Iron Picket	50%			2059	**			
Free Standing Walls									
	Concrete Masonry Unit	100%	Now	\$1,600	2044	**			
Other Observation, Extent : Light, Area Affected : 5%									
Location : Masonry Free Standing Wall									
Explanation : Decorative Steel Detailing Above Needs Re - Anchoring									

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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	

Site Pavements

Parking/Driveway

Asphalt	80%
Cast in Place Concrete	20%

2033	* *
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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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	* *	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%			2017	\$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	\$112,800	10	\$16,500
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T-8 Lamps, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

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

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%			2024	\$4,300	1		
Exit, LED	50%			2039	* *	1		
Exterior Lighting								
HID	100%			2024	\$66,400	10	\$100	

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

Heating

Energy Source								
Natural Gas	100%			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	
Convactor/Radiator	10%			2037	* *	1	\$600	
Unit Heater-Stm/HW	30%			2029	* *	4	\$700	
No Component	40%							

Air Conditioning

Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Reciprocating	20%			2029	* *	1	\$1,700	
Compr/Chiller								
<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>								
<i>Location : 2nd Floor Mech 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%							

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

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

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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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 266
Address : 92-20 ROCKAWAY BEACH BOULEVARD
Borough : QUEENS **Agency's Number** : N/A
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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$78,600	\$71,800
Electrical		\$37,100
Mechanical		\$110,300
Total	\$78,600	\$219,300
Importance Code A	\$78,600	\$71,800
Importance Code B		\$147,400
Total	\$78,600	\$219,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$31,300		\$7,600	
Interior Architecture	\$73,100			\$900
Electrical	\$36,600	\$800	\$800	\$2,400
Mechanical	\$19,400	\$1,600	\$8,200	\$1,900
Elevators/Escalators	\$2,300			
Total	\$162,600	\$2,400	\$16,700	\$5,200
Importance Code A	\$32,500	\$1,200	\$8,800	\$1,200
Importance Code B	\$80,600	\$1,300	\$7,900	\$4,000
Importance Code C	\$49,500			
Total	\$162,600	\$2,400	\$16,700	\$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. 266
Asset # : 13155

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	20%			LIFE	**	5	\$11,100	
Masonry: Granite	5%			LIFE	**	5	\$2,100	
Masonry: Limestone	5%			LIFE	**	5	\$2,100	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Underside Of Cornice; Front Facade.								
Stucco Cement	50%	Now	\$78,600	2039	**	5	\$17,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Side And Rear Walls								
Stucco Cement	10%			2039	**	5	\$6,900	
Wood Overhead Doors	10%	0-2	\$8,600	2031	**	5	\$6,900	
Dry Rot/Decay, Extent : Moderate, Area Affected : 5%								
Location : Lower Part Of Door And Frame								
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Front Of Building								
Windows								
Aluminum	100%	Now	\$2,500	2048	**	5	\$1,500	
Glazing Broken/Cracked, Extent : Light, Area Affected : 2%								
Location : Bathroom, Third Floor.								
Unit Inoperable, Extent : Light, Area Affected : 2%								
Location : Rope Holding Closed Casement On The Third Floor In The Workout Room.								
Parapets								
Masonry: Limestone	10%	Now	\$1,800	LIFE	**	5	\$500	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout Coping.								
Stucco Cement	90%			2039	**	5	\$8,300	
Roof								
Modified Bitumen	75%	Now	\$10,800	2026	\$53,900			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Flashing Misaligned Along Parapet On Roof Access Hatch Side.								
Ponding, Extent : Light, Area Affected : 5%								
Location : Third Floor Roof.								
Modified Bitumen	25%			2026	\$18,000	10	\$3,200	

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

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	45%	Now	\$4,100	LIFE	* *	5	\$17,600	
Broken/Missing Elements, Extent : Light, Area Affected : 5% Location : Basement.								
Ceramic Tile	10%	Now	\$1,700	2029	* *	5	\$900	
Deteriorated Finish, Extent : Moderate, Area Affected : 5% Location : Kitchen								
Quarry Tile	5%	2-4	\$1,300	2031	* *	5	\$700	
Worn/Eroded, Extent : Moderate, Area Affected : 75% Location : Kitchen								
Vinyl Tile	40%	Now	\$5,900	2031	* *	3	\$2,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15% Location : Throughout Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15% Location : Throughout Worn/Eroded, Extent : Moderate, Area Affected : 75% Location : Throughout								
Interior Walls								
Ceramic Tile	10%	Now	\$13,300	2039	* *	5	\$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15% Location : Kitchen, Toilets								
Masonry: Brick	5%	Now	\$9,400	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5% Location : Basement Staining/Discoloring, Extent : Moderate, Area Affected : 15% Location : Basement, Throughout.								
Plaster	55%	Now	\$10,600	LIFE	* *	5	\$4,100	
Cracking/Crumbling, Extent : Light, Area Affected : 15% Location : Throughout Deteriorated Finish, Extent : Moderate, Area Affected : 25% Location : Throughout Paint Peeling, Extent : Moderate, Area Affected : 25% Location : Throughout Water Penetration, Extent : Severe, Area Affected : 15% Location : Throughout								
SGFT/Glazed Masonry	30%	Now	\$14,000	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2% Location : Apparatus Floor. Worn/Eroded, Extent : Light, Area Affected : 15% Location : Apparatus Floor								

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

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	5%	Now	\$1,400	2039	* *	5	\$400	
	Misaligned/Bulging, Extent : Moderate, Area Affected : 10%							
	Location : Kitchen							
	Staining/Discoloring, Extent : Moderate, Area Affected : 50%							
	Location : Kitchen							
Metal Panel	5%			LIFE	* *	5	\$2,200	
	Recent Replace Evident, Extent : Light, Area Affected : 100%							
	Location : 2nd Floor Toilet							
Plaster	90%	Now	\$10,300	LIFE	* *	5	\$10,100	
	Broken/Missing Elements, Extent : Light, Area Affected : 2%							
	Location : Second Floor Locker Room.							
	Cracking/Crumbling, Extent : Severe, Area Affected : 30%							
	Location : Throughout							
	Paint Peeling, Extent : Light, Area Affected : 2%							
	Location : Basement.							
	Water Penetration, Extent : Severe, Area Affected : 25%							
	Location : Throughout							
Site Enclosure								
Fence/Gates								
Chain link	100%	Now	\$2,300	2046	* *			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
	Location : Rear Gate							
Site Pavements								
Parking/Driveway								
Asphalt	100%	Now	\$4,900	2035	* *			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
	Location : Rear Lot							

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

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

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

Alarm

Fire/Smoke Detection

No Component 90%

Generic, Analog 10% Now \$12,100 2036 * *

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

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

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 \$110,300 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 \$7,200 2025 \$12,000 1

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

No Component 40%

Ventilation

Distribution

Ductwork/Diffusers 10% Now \$3,000 LIFE * * 2-5 \$700

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

No Component 90%

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

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									
	Exhaust Fans								
	Interior	20%	Now	\$2,600	2036	* *	2	\$100	
		Broken, Extent : Light, Area Affected : 20%							
		Location : Toilet Rooms							
	Roof	10%			2026	\$900	2		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1st Floor							
		Explanation : Kitchen Exhaust							
	Wall Unit	30%			2026	\$5,300	2	\$100	
	No Component	40%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
		Not Insulated, Extent : Light, Area Affected : 10%							
		Location : Bathrooms							
	Water Heater								
	Electric	50%			2024	\$900	4		
		Other Observation, Extent : Light, Area Affected : 50%							
		Location : Roof							
		Explanation : Solar Heater							
	Gas Fired	50%			2024	\$1,400	2	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 75 Gallon Units							
	Sanitary Piping								
	Cast Iron	100%	Now	\$2,500	LIFE	* *	1		
		Leak Evident, Extent : Moderate, Area Affected : 20%							
		Location : 2nd To 1st Floor							
	Storm Drain Piping								
	Cast Iron	100%	Now	\$1,600	LIFE	* *	1		
		Blockage /Clogged, Extent : Light, Area Affected : 20%							
		Location : 1st Floor							
	Sump Pump(s)								
	Submersible	100%			2019	\$6,500	4	\$2,500	
	Fixtures								
	Generic	100%							

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Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 268/LADDER CO. 137
Address : 257 BEACH 116th STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIRSECO.268 / 13156 **Yr Built/Renovated** : 1913 /
Area Sq Ft : 10,089 **Project Type** : FIRE DEPARTMENT
Date of Survey : 22-Jun-2015 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Roof, Floors 1,2,3
Block : 16212 **Lot** : 17 **BIN** : 4304442

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

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



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

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	8%			LIFE	* *	5	\$39,100	
	Repairs in Progress, Extent : Light, Area Affected : 90%							
	Location : Front Facade							
Masonry: Brick	75%			LIFE	* *	5	\$47,000	
	Repairs in Progress, Extent : Light, Area Affected : 25%							
	Location : Front Facade							
	Sidewalk Shed in Use, Extent : Light, Area Affected : 25%							
	Location : Front And Part Of Side							
	Vertical Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Front Facade							
Masonry: Granite	2%	0-2	\$7,900	LIFE	* *	5	\$500	
	Caulking Deteriorated, Extent : Moderate, Area Affected : 25%							
	Location : Front Facade							
	Vertical Cracks, Extent : Moderate, Area Affected : 5%							
	Location : Front Facade							
Metal, Corrugated	5%			2036	* *	1		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Roof							
	Explanation : Bulkhead At Roof							
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	
	Broken/Missing Elements, Extent : Severe, Area Affected : 5%							
	Location : North Side Of Roof							
Masonry: Brick	80%			LIFE	* *	5-10	\$7,100	
Roof								
Built-Up (BUR)	80%	Now	\$23,900	2026	\$47,700			
	Blisters, Extent : Moderate, Area Affected : 20%							
	Location : Third Floor Roof.							
	Debris on Roof, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Single Ply Membrane	15%	Now	\$3,900	2026	\$6,600			
	Other Observation, Extent : Moderate, Area Affected : 5%							
	Location : Second Floor Open Porch Floor.							
	Explanation : Improperly Pitched.							
Skylight, Metal/Glass	5%	Now	\$1,900	2036	* *			1
	Water Penetration, Extent : Severe, Area Affected : 25%							
	Location : Hose Tower							

Interior

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

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%			LIFE	* *	5	\$21,300	
Ceramic Tile	10%			2035	* *	5	\$1,600	
Quarry Tile	5%	0-2	\$1,200	2039	* *	5	\$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Worn/Eroded, Extent : Light, Area Affected : 25%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	\$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : On Stair And Landings								
Explanation : Terrazzo								
Vinyl Tile	40%	Now	\$2,900	2026	\$59,000	3	\$2,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
Wood	10%			2054	* *	5	\$3,000	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Bunkroom								
Interior Walls								
Ceramic Tile	10%			2035	* *	5	\$2,200	
Plaster	55%	Now	\$10,500	LIFE	* *	5	\$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	35%	Now	\$32,300	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Apparatus Room								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Room								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : Apparatus Room								

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

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	10%			2039	* *	5	\$1,600	
Plaster	90%	Now	\$10,200	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		
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		\$52,200	5	\$300
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Raceway

Conduit	100%			2026		\$33,500	1	
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Panelboards

Molded Case Bkrs	10%			2042	* *	5		
Molded Case Bkrs	90%			2025		\$37,100	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		\$69,100	10	\$9,300
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Motion Sensors in Use, Extent : Light, Area Affected : 100%

Location : Throughout

T-8 Lamps, 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

Lighting

Exterior Lighting

HID	25%			2021	\$10,200	10			
No Component	75%								

Alarm

Fire/Smoke Detection

No Component	80%								
Generic, Analog	20%	Now	\$22,300	2036		* *			
<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		
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		
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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	
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Terminal Devices

Convactor/Radiator	90%			2024	\$91,700		1	\$2,900	
<i>Corroded, Extent : Light, Area Affected : 100%</i>									
<i>Location : All Floors</i>									
Unit Heater-Stm/HW	10%			2026	\$7,000		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		
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Conversion Equipment

Window/Wall Unit	50%	0-2	\$6,700	2025	\$11,100		1		
<i>Broken, Extent : Light, Area Affected : 50%</i>									
<i>Location : All Floors</i>									

No Component	50%								
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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
ENGINE CO. 268/LADDER CO. 137
Asset # : 13156

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								
Exhaust Fans								
Roof	10%			2026	\$900	2		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 1st Floor							
	Explanation : Kitchen Exhaust							
Wall Unit	30%			2026	\$4,900	2	\$100	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	* *	1		
	Not Insulated, Extent : Moderate, Area Affected : 80%							
	Location : All Floors							
Water Heater								
Electric	50%			2024	\$800	4		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Roof							
	Explanation : Solar							
Gas Fired	50%			2024	\$1,300	2	\$100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Mechanical Room							
	Explanation : 2 - 75 Gallon Units							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Main Drain							
	Explanation : Combination Drain, Backs Up During Heavy Rain							
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.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 271/LADDER CO. 124
Address : 392 HIMROD STREET
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSECO.271 / 13158 **Yr Built/Renovated** : 1908 / 2008
Area Sq Ft : 13,108 **Project Type** : FIRE DEPARTMENT
Date of Survey : 03-Jun-2015 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 3281 **Lot** : 22 **BIN** : 3074885

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

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



Note : 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. 271/LADDER CO. 124
Asset # : 13158

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	62%	Now	\$372,100	LIFE	* *	5	\$19,200	
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 60%								
Location : Throughout.								
Worn/Eroded, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Masonry: Granite	5%	4+	\$9,800	LIFE	* *	5	\$1,200	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Front Facade At Grade Level								
Masonry: Limestone	15%	0-2	\$10,900	LIFE	* *	5	\$3,500	
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Front Facade.								
Metal Panel	3%	Now	\$7,200	2056	* *	5	\$1,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Stair Bulkhead On Roof								
Deformed/Dented, Extent : Moderate, Area Affected : 100%								
Location : Stair Bulkhead On Roof								
Stucco Cement	5%	Now	\$14,400	2031	* *	5	\$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Front Facade @ Roof/ Parapet Level								
Wood Overhead Doors	10%			2031	* *	5	\$15,500	
Windows								
Aluminum	100%	Now	\$19,100	2034	* *	5	\$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Toilet Room Third Floor.								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5-10	\$8,100	
Masonry: Brick	80%	Now	\$37,800	LIFE	* *	5	\$1,500	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Front Facade/ West Parapet								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 35%								
Location : Front Facade/ West Parapet								
Spalling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Pre-Cast Concrete	5%	Now	\$3,700	LIFE	* *	5	\$600	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Located At Front Facade.								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%								
Location : Located @ Front Facade								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Located @ Front Facade.								

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

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									
Roof									
Built-Up (BUR)	85%	Now	\$10,500	2026	\$52,600				
	Blisters, Extent : Severe, Area Affected : 40%								
	Location : Throughout.								
	Water Penetration, Extent : Moderate, Area Affected : 20%								
	Location : 3rd Floor Lounge And Workout Room.								
Skylight, Metal/Glass	10%	0-2	\$39,900	2036	* *				
	Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
	Location : Main Roof And Stair Bulkhead								
Skylight, Metal/Glass	5%			2036	* *	10	\$2,100		
Interior									
Floors									
Cast in Place Concrete	45%	Now	\$4,300	LIFE	* *	5	\$16,900		
	Cracking/Crumbling, Extent : Light, Area Affected : 5%								
	Location : Engine Side Basement.								
Ceramic Tile	5%	Now	\$900	2029	* *	5	\$400		
	Broken/Missing Elements, Extent : Light, Area Affected : 5%								
	Location : 2nd Floor Laundry Room And Bathroom								
Quarry Tile	5%			2031	* *	5	\$1,300		
Vinyl Tile	30%	Now	\$23,500	2026	\$46,900	3	\$1,900		
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
	Location : 2nd And 3rd Floors								
	Worn/Eroded, Extent : Moderate, Area Affected : 25%								
	Location : 2nd And 3rd Floors								
Wood	15%			2029	* *	5	\$4,800		
Interior Walls									
Ceramic Tile	5%			2029	* *	5	\$1,200		
Gypsum Board	10%			LIFE	* *	5-10	\$4,000		
Masonry: Brick	20%	Now	\$19,700	LIFE	* *				
	Water Penetration, Extent : Moderate, Area Affected : 15%								
	Location : Basement Foundation Wall								
Plaster	30%	Now	\$3,000	LIFE	* *	5	\$2,100		
	Broken/Missing Elements, Extent : Light, Area Affected : 5%								
	Location : 2nd Floor Bunk Room And Toilet Room On The Truck Side.								
SGFT/Glazed Masonry	15%	Now	\$14,700	LIFE	* *				
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
	Location : Apparatus Floor								
SGFT/Glazed Masonry	10%			LIFE	* *	10	\$1,200		
Wood	10%	Now	\$1,100	LIFE	* *	5	\$9,500		
	Broken/Missing Elements, Extent : Light, Area Affected : 2%								
	Location : Staircase On The Engine/ Chief Side Was Missing Balusters.								

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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. 271/LADDER CO. 124
Asset # : 13158

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	10%	Now	\$1,500	2031	* *	5	\$900		
Broken/Missing Elements, Extent : Light, Area Affected : 20%									
Location : 1st And 2nd Floors									
Staining/Discoloring, Extent : Light, Area Affected : 5%									
Location : 1st And 2nd Floors									
Embossed Metal	50%	Now	\$8,100	LIFE	* *	5	\$3,900		
Broken/Missing Elements, Extent : Light, Area Affected : 8%									
Location : Throughout 1st Floor									
Exposed Struc: Steel	5%	Now	\$58,100	LIFE	* *				
Corrosion/Rusting, Extent : Severe, Area Affected : 80%									
Location : Basement (2) Sides.									
Plaster	35%	Now	\$4,200	LIFE	* *	5	\$3,800		
Broken/Missing Elements, Extent : Light, Area Affected : 5%									
Location : 3rd Floor Workout Room.									
Paint Peeling, Extent : Light, Area Affected : 5%									
Location : 3rd Floor Workout Room And 2nd Floor Bunk Room.									

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Under 600 Volts								
Service Equipment								
	Fused Disc Sw	100%			2026	\$5,200	5	\$100
Switchgear / Switchboard								
	Molded Case Bkrs	100%			2026	\$52,200	5	\$300
Raceway								
	Conduit	100%			2036	* *	1	
Panelboards								
	Molded Case Bkrs	80%			2025	\$33,000	5	\$300
	Molded Case Bkrs	20%			2042	* *	5	\$100
Wiring								
	Thermoplastic	100%			2036	* *	1	
Ground								
Grounding Devices								
	Generic	100%			LIFE	* *	5	\$400

Lighting

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. 271/LADDER CO. 124
Asset # : 13158

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	85%			2026	\$76,400	10	\$10,200	
	<i>T-8 Lamps, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Fluorescent	10%			2026	\$9,000	10	\$1,200	
	<i>T-12 Lamps, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Incandescent	5%	Now	\$4,500	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								
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	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	\$20,200	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,600	
Exhaust Fans								
Roof	40%			2026	\$4,500	2	\$200	
Wall Unit	60%			2026	\$12,700	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		

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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. 271/LADDER CO. 124
Asset # : 13158

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								
	Gas Fired	100%			2021	\$3,300	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 75 Gallon Units							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2019	\$7,200	4	\$2,500	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Chemical System								
	Generic	100%			2024	\$27,900	1-3	\$50,600	

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name	: ENGINE CO. 276		
Address	: 1635 EAST 14th STREET		
Borough	: BROOKLYN	Agency's Number	: N/A
Program / Asset #	: FIRSECO.276 / 13162	Yr Built/Renovated	: 1910 /
Area Sq Ft	: 13,000	Project Type	: FIRE DEPARTMENT
Date of Survey	: 28-Sep-2011	Landmark Status	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2,3		
Block	: 6777	Lot	: 64
		BIN	: 3182420

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

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	77%	Now	\$4,800	LIFE	**	5	\$8,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Street Facade At Door								
Masonry: Granite	3%			LIFE	**	5	\$200	
Masonry: Limestone	3%			LIFE	**	5	\$200	
Metal Sect. OHD	10%			2040	**	5	\$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Entrance								
Explanation : Recent Replacement								
Wood	7%	0-2	\$3,800	2040	**	5	\$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Front Facade								
Explanation : Covered With Sheet Metal								
Windows								
Aluminum	100%			2039	**	5	\$2,000	
Parapets								
Masonry: Brick	60%	Now	\$54,100	LIFE	**	5	\$1,000	
Worn/Eroded, Extent : Severe, Area Affected : 60%								
Location : Main Roof								
Masonry: Limestone	30%	Now	\$49,100	LIFE	**	5	\$600	1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Metal Cornice	10%	Now	\$1,600	2058	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Main Roof								
Roof								
Asphalt Shingle	5%			2032	**	10	\$100	
Built-Up (BUR)	95%	Now	\$47,000	2033	**			
Debris Present, Extent : Moderate, Area Affected : 50%								
Location :								
Gravel/Slag Surface, Extent : Moderate, Area Affected : 55%								
Location :								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$17,000	
Ceramic Tile	5%			2036	**	5	\$1,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : All Bathrooms								
Vinyl Tile	55%	0-2	\$88,900	2033	**	3	\$4,000	
Worn/Eroded, Extent : Moderate, Area Affected : 85%								
Location : Throughout 2nd Floor,3rd Floor								

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

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

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

Interior

Interior Walls

Ceramic Tile	35%			2036	* *	5		\$5,200	
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Recent Replace Evident, Extent : Light, Area Affected : 100%

Location : All Bathrooms

Concrete Masonry Unit	5%			LIFE	* *	5		\$300	
Embossed Metal	10%			2051	* *	10		\$600	
Masonry: Brick	10%			LIFE	* *				
Plaster	40%	Now		\$2,300	LIFE	* *	5	\$1,800	

Cracking/Crumbling, Extent : Severe, Area Affected : 80%

Location : Hose Tower

Vertical Cracks, Extent : Severe, Area Affected : 70%

Location : Hose Tower

Water Penetration, Extent : Severe, Area Affected : 90%

Location : Hose Tower

Ceilings

Ceramic Tile	35%			LIFE	* *	5		\$4,300	
Exposed Struc: Steel	35%			LIFE	* *				
Plaster	30%	0-2		\$1,500	LIFE	* *	5	\$3,600	

Cracking/Crumbling, Extent : Severe, Area Affected : 40%

Location : 2nd - 3rd Floor Stair

Site Pavements

On-Site Walkways

Cast in Place Concrete	100%			2036	* *				
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Parking/Driveway

Cast in Place Concrete	100%	Now		\$1,300	2040	* *			
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Tripping Hazard, Extent : Severe, Area Affected : 80%

Location : Near Curb

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

Under 600 Volts

Service Equipment

Fused Knife Sw	100%			2023		\$4,700	5	\$100	
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Raceway

Busway	2%			2036	* *		1		
Conduit	98%			2023		\$30,000	1		

Panelboards

Molded Case Bkrs	95%			2022		\$35,800	5	\$300	
Molded Case Bkrs	5%			2039	* *		5		

Wiring

Thermoplastic	98%			2023		\$26,600	1		
Thermoplastic	2%			2043	* *		1		

Motor Controllers

Locally Mounted	100%			2021		\$14,100	5	\$100	
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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
ENGINE CO. 276
Asset # : 13162

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
Ground									
	Grounding Devices								
	Metal Water Pipe	100%			2028	* *	5	\$400	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2036	* *	1	\$4,000	
	Generators								
	Diesel	100%			2032	* *	1	\$5,000	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 64 Kw								
	Batteries								
	Lead/Acid	100%			2017	\$1,500	5	\$500	
	Fuel Storage								
	Day Tank	100%			2039	* *	5	\$2,400	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 75 Gallons								
Lighting									
	Interior Lighting								
	Fluorescent	45%			2023	\$36,600	10	\$5,400	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Mostly T-12								
	Fluorescent	55%			2028	* *	10	\$6,600	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Mostly T-8								
	Egress Lighting								
	Emergency, Service	100%			2023	\$6,200	1		
	Exterior Lighting								
	HID	50%			2023	\$24,000	10		
	No Component	50%							

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2049	* *	1		
Conversion Equipment									
	Steam Boiler	100%	Now	\$1,200	2036	* *	1	\$11,600	
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Chimney									
Explanation : Openings In Chimney At The Basement Level, Broken Flue Liner									
Distribution									
	Steam Piping/Pump	100%			2043	* *	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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Convector/Radiator	80%			2028	* *	1	\$3,400	
	Unit Heater-Stm/HW	20%			2023	\$16,400	4	\$200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Engine Bay								
	Explanation : Unit Heaters Serve Engine Bay								
Air Conditioning									
	Energy Source								
	Electricity	100%			2045	* *	1		
	Conversion Equipment								
	Int Pkg Unit - Cooling	70%			2024	\$114,500	2	\$600	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Bunk Room								
	Explanation : Split Unit								
	Int Pkg Unit - Cooling	5%	Now	\$8,200	2028	* *	2		
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location : Basement								
	Explanation : Unit Broken, Water Cooled Unit								
	No Component	25%							
	Heat Rejection								
	Remote Air Cond	70%			2028	* *	2	\$6,300	
	No Component	30%							
Ventilation									
	Exhaust Fans								
	Interior	100%			2023	\$14,000	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2033	* *	1		
	Water Heater								
	Gas Fired	100%			2021	\$3,000	2	\$200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 2 Units, 74 Gallons Each								
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2017	\$6,500	4	\$2,500	
	Fixtures								
	Generic	100%							

*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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 277/LADDER CO. 112
Address : 582 KNICKERBOCKER AVENUE @ PALMETTO ST.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSECO.277 / 13163 **Yr Built/Renovated** : 2007 /
Area Sq Ft : 15,756 **Project Type** : FIRE DEPARTMENT
Date of Survey : 21-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,3
Block : 3343 **Lot** : 29 **BIN** : 3076461

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

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



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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. 277/LADDER CO. 112
Asset # : 13163

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	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	\$5,900	
Interior Walls								
Cast in Place Concrete	30%			LIFE	* *			
Ceramic Tile	5%			2037	* *	5	\$1,700	
Gypsum Board	65%			LIFE	* *	5	\$13,200	
Ceilings								
AcousTileSusp.Lay-In	55%			2041	* *	5	\$13,000	
Exposed Struc: Steel	35%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	\$2,900	
<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		
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%			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		
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%			2050	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2041	* *	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : Connected To Main Water Pipe							
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2041	* *	1	\$4,900	
	Generators								
	Diesel	100%			2037	* *	1	\$6,100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Generator Room							
		Explanation : 100 Kva Onan Cummins Genset							
	Batteries								
	Lead/Acid	100%			2019	\$1,500	5	\$600	
	Fuel Storage								
	Main Tank	100%			2059	* *	5	\$500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Generator Room							
		Explanation : 275 Gallons							
Lighting									
	Interior Lighting								
	Fluorescent	100%			2032	* *	10	\$14,500	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-8 Lamps							
	Egress Lighting								
	Emergency, Battery	5%			2032	* *	10	\$200	
	Exit, Service	95%			2032	* *	1		
	Exterior Lighting								
	HID	100%			2029	* *	10		

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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.
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** 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Hot Water Boiler	100%			2041	* *	1	\$7,800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Boiler Room							
		Explanation : 2 Units							
	Distribution								
	Hot Wtr Piping/Pump	100%			2046	* *	4	\$1,200	
	Terminal Devices								
	Air Handler	30%			2029	* *	1	\$2,900	
	Convactor/Radiator	40%			2037	* *	1	\$2,000	
	Unit Heater-Stm/HW	30%			2029	* *	4	\$600	
Air Conditioning									
	Energy Source								
	Electricity	100%			2046	* *	1		
	Conversion Equipment								
	Reciprocating Compr/Chiller	10%			2029	* *	1	\$700	
		R-22 Refrigerant, Extent : Light, Area Affected : 10%							
		Location : Roof							
	Ext Pkg Unit - Heating/Cooling	80%			2029	* *	2	\$800	
		R-22 Refrigerant, Extent : Light, Area Affected : 80%							
		Location : Roof							
		Other Observation, Extent : Light, Area Affected : 80%							
		Location : Roof							
		Explanation : 4 Units							
	Window/Wall Unit	10%			2022	\$3,200	1		
	Terminal Devices								
	Direct Expansion	10%			2029	* *	1		
	No Component	90%							
	Heat Rejection								
	Remote Air Cond	10%			2029	* *	2	\$1,100	
	No Component	90%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,800	
	Exhaust Fans								
	Roof	100%			2029	* *	2	\$500	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2050	* *	1		
	Water Heater								
	Gas Fired	100%			2023	\$3,600	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Boiler Room							
		Explanation : 2 Units							

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

Maintenance \$ are aggregated over a ten-year period. 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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sanitary Piping								
	Cast Iron	100%	Now	\$700	LIFE	* *	1		
			Leak Evident, Extent : Severe, Area Affected : 5%						
			Location : Leaking From 1st Floor To Basement Boiler Room						
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Rigid Piping	100%	0-2	\$2,200	2029	* *	4	\$1,600	
			Corroded, Extent : Moderate, Area Affected : 20%						
			Location : Housing Of The Sump Pump, Basement Boiler Room						
	Backflow Preventer								
	Generic	100%			2032	* *	1	\$1,000	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	Generic	100%			2050	* *	1-2	\$4,400	
	Chemical System								
	No Component	98%							
	Generic	2%			2022	\$500	1-3	\$1,000	

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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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 279/LADDER CO. 131
Address : 252 LORRAINE STREET
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSECO.279 / 13165 **Yr Built/Renovated** : 1912 / 1999
Area Sq Ft : 10,548 **Project Type** : FIRE DEPARTMENT
Date of Survey : 28-Sep-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 486 **Lot** : 18 **BIN** : 3008207

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

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
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	\$22,500	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : All Facades								
Masonry: Granite	5%			LIFE	* *	5	\$1,200	
Masonry: Limestone	10%			LIFE	* *	5	\$2,400	
Stucco Cement	5%			2040	* *	5	\$4,000	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Hose Room Exterior								
Wood Overhead Doors	10%			2036	* *	5	\$16,100	
Windows								
Aluminum	100%			2048	* *	5	\$700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : All Windows								
Parapets								
Cast Stone/Terra Cotta	30%			LIFE	* *	5	\$2,700	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : All Coping Stones								
Masonry: Brick	70%			LIFE	* *	5	\$800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : All Parapet Walls								
Roof								
Built-Up (BUR)	100%			2033	* *	10	\$9,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	\$10,400	
Ceramic Tile	5%			2038	* *	5	\$800	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : All Bathrooms								
Quarry Tile	5%			2036	* *	5	\$1,200	
Vinyl Tile	60%			2031	* *	3	\$3,600	
Recent Replace Evident, Extent : Light, Area Affected : 50%								
Location : Second And Third Floors								

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

Maintenance \$ are aggregated over a ten-year period. 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		
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%			2038	* *	5	\$500	
	Recent Replace Evident, Extent : Light, Area Affected : 100%							
	Location : All Bathrooms							
Masonry: Brick	40%	Now	\$63,500	LIFE	* *			
	Spalling, Extent : Severe, Area Affected : 40%							
	Location : Basement							
	Vertical Cracks, Extent : Severe, Area Affected : 5%							
	Location : Bearing Wall At Rear Beam							
Plaster	55%	Now	\$9,000	LIFE	* *	5	\$1,700	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
	Location : 3rd Floor							
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : 3rd Floor							
Ceilings								
AcousTileSusp.Lay-In	5%			2036	* *	5	\$800	
Exposed Concrete	20%	Now	\$9,900	LIFE	* *	5	\$500	
	Cracking/Crumbling, Extent : Severe, Area Affected : 100%							
	Location : Rear Wall Beam							
	Exposed Reinforcement, Extent : Severe, Area Affected : 100%							
	Location : Rear Wall Beam							
Plaster	75%	Now	\$30,400	LIFE	* *	5	\$7,400	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
	Location : 3rd Floor							
	Water Penetration, Extent : Moderate, Area Affected : 20%							
	Location : 3rd Floor							
Site Enclosure								
Fence/Gates								
Chain link	100%			2043	* *			
Free Standing Walls								
Masonry: Brick	100%			2043	* *			
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			

Electrical		Current Repair		Future Replacement		Maintenance		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%			2043	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 200 Amps.								

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

Maintenance \$ are aggregated over a ten-year period. 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			
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%			2023	\$24,500	1		
	Conduit	20%			2043	* *	1		
Panelboards									
	Molded Case Bkrs	80%			2022	\$30,100	5	\$200	
	Molded Case Bkrs	20%			2031	* *	5	\$100	
Wiring									
	Thermoplastic	20%			2043	* *	1		
	Thermoplastic	80%			2033	* *	1		
Motor Controllers									
	Locally Mounted	100%			2021	\$14,100	5	\$100	
Ground									
Grounding Devices									
	Metal Water Pipe	50%			2028	* *	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement Near Water Service.							
		Explanation : Main Electric Service Ground.							
	Metal Water Pipe	50%			2028	* *	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement Near Water Service.							
		Explanation : Ground For Fire Alarm Fuse Cutout.							
Lighting									
Interior Lighting									
	Fluorescent	100%			2028	* *	10	\$9,700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Mostly T-8							
Egress Lighting									
	Exit, Service	10%			2023	\$100	1		
	No Component	90%							
Exterior Lighting									
	HID	50%			2018	\$19,500	10		
	No Component	50%							

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2043	* *	1		
	Conversion Equipment								
	Steam Boiler	100%			2028	* *	1	\$10,500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 4 Units Piped Together								

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

Maintenance \$ are aggregated over a ten-year period. 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
Heating								
Distribution								
Steam Piping/Pump	100%			2033	* *	4	\$800	
Terminal Devices								
Convactor/Radiator	90%			2028	* *	1	\$3,100	
Unit Heater-Stm/HW	10%			2023	\$6,700	4	\$100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Engine Bays							
	Explanation : Unit Heaters Serve Truck Bays							
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	100%			2033	* *	2	\$600	
	Recent Installation, Extent : Light, Area Affected : 100%							
	Location : Roof							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Roof							
	Explanation : Unit Uses R410 A							
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2	\$11,000	
	Recent Installation, Extent : Light, Area Affected : 100%							
	Location : 2nd And 3rd Floor							
No Component	20%							
Ventilation								
Exhaust Fans								
Interior	100%			2023	\$11,400	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		
	No Water Meter, Extent : Light, Area Affected : 100%							
	Location : Basement							
Water Heater								
Gas Fired	100%			2018	\$2,400	2	\$200	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : 1 Unit 75 Gallons							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2017	\$6,500	4	\$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	\$700	
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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 281/LADDER CO. 147
Address : 1210 CORTELYOU ROAD
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSECO.281 / 13167 **Yr Built/Renovated** : 1912 /
Area Sq Ft : 10,106 **Project Type** : FIRE DEPARTMENT
Date of Survey : 28-Sep-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 5155 **Lot** : 4 **BIN** : 3118638

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

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



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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	77%			LIFE	* *	5	\$30,300	
Masonry: Granite	3%			LIFE	* *	5	\$900	
Masonry: Limestone	15%			LIFE	* *	5	\$4,400	
Wood Overhead Doors	5%			2028	* *	5	\$9,800	
Windows								
Aluminum	100%	Now	\$86,700	2048	* *	5	\$1,100	
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Second Floor Bathroom								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Windows Are Old, Single-glazed And Deteriorated. They Should Be Replaced								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	\$1,500	
Masonry: Brick	80%	0-2	\$17,000	LIFE	* *	5	\$3,000	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Masonry: Sandstone	15%			LIFE	* *	5	\$700	
Roof								
Roll Roofing	100%			2019	\$44,400	5	\$18,400	
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$13,200	
Ceramic Tile	15%			2026	\$42,900	5	\$2,300	
Vinyl Tile	45%	0-2	\$11,300	2028	* *	3	\$2,600	
Worn/Eroded, Extent : Moderate, Area Affected : 15%								
Location : Second And Third Floors								
Interior Walls								
Ceramic Tile	10%			2026	\$63,500	5	\$2,400	
Masonry: Brick	35%	Now	\$31,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 70%								
Location : Rear And Front Basement Walls								
Plaster	55%			LIFE	* *	5	\$3,900	
Ceilings								
AcousTileSusp.Lay-In	25%			2028	* *	5	\$3,800	
Exposed Struc: Steel	25%			LIFE	* *			
Plaster	50%			LIFE	* *	5	\$4,700	

Electrical		Current Repair		Future Replacement		Maintenance		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
ENGINE CO. 281/LADDER CO. 147
Asset # : 13167

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Molded Case Bkrs	100%			2023	\$4,700	5	\$300	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : 350 Amps.									
Switchgear / Switchboard									
	Molded Case Bkrs	100%			2023	\$47,700	5	\$300	
Raceway									
	Conduit	100%			2023	\$30,600	1		
Panelboards									
	Molded Case Bkrs	5%	Now	\$1,900	2048	* *	5		
Covers Missing, Extent : Severe, Area Affected : 10%									
Location : Basement And Housewatch Areas.									
	Molded Case Bkrs	95%			2022	\$35,800	5	\$300	
Wiring									
	Braided Cloth	20%	Now	\$5,400	2048	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 100%									
Location : Basement									
	Thermoplastic	80%			2023	\$21,700	1		
Motor Controllers									
	Locally Mounted	100%			2028	* *	5	\$100	
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$100	
Lighting									
	Interior Lighting								
	Fluorescent	100%			2028	* *	10	\$9,300	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Mostly T-8									
Exterior Lighting									
	HID	30%			2028	* *	10		
	No Component	70%							

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2049	* *	1		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Total House								
Conversion Equipment								
Steam Boiler	100%			2036	* *	1	\$10,000	
Distribution								
Steam Piping/Pump	100%			2043	* *	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.*

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*** 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

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									
	Terminal Devices								
	Convector/Radiator	100%			2036	* *	1	\$3,300	
Air Conditioning									
	Energy Source								
	Electricity	100%			2045	* *	1		
	Conversion Equipment								
	Window/Wall Unit	100%			2021	\$20,300	1		
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,600	
	Exhaust Fans								
	Interior	100%			2023	\$10,900	2	\$300	
Plumbing									
	H/C Water Piping								
	Galv Iron/Steel	100%			2036	* *	1		
	Water Heater								
	Gas Fired	100%			2021	\$2,300	2	\$100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 2 - 75 Gallon Units								
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2017	\$6,500	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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 282/LADDER CO. 148
Address : 4210 12th AVENUE
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSECO.282 / 13168 **Yr Built/Renovated** : 1912 / 2003
Area Sq Ft : 13,756 **Project Type** : FIRE DEPARTMENT
Date of Survey : 12-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 5597 **Lot** : 44 **BIN** : 3135859

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$53,500	
Electrical		\$64,600
Total	\$53,500	\$64,600
Importance Code A	\$53,500	
Importance Code B		\$64,600
Total	\$53,500	\$64,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$37,000	\$1,800		
Interior Architecture	\$74,100	\$700	\$700	\$1,000
Electrical	\$300			
Mechanical	\$29,900	\$9,400	\$12,100	\$5,000
Total	\$141,400	\$11,900	\$12,800	\$6,000
Importance Code A	\$37,700	\$2,500	\$700	\$700
Importance Code B	\$87,400	\$9,400	\$12,100	\$4,300
Importance Code C	\$16,300			\$1,000
Total	\$141,400	\$11,900	\$12,800	\$6,000



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. 282/LADDER CO. 148
Asset # : 13168

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	80%	Now	\$53,500	LIFE	* *	5	\$18,200	
	Spalling, Extent : Moderate, Area Affected : 10%							
	Location : At Parapet Level, Side Facades							
Masonry: Granite	5%	4+	\$2,600	LIFE	* *	5	\$900	
	Staining/Discoloring, Extent : Moderate, Area Affected : 10%							
	Location : Front Facade.							
Masonry: Limestone	10%			LIFE	* *	5	\$3,400	
	Staining/Discoloring, Extent : Light, Area Affected : 2%							
	Location : Front Facade.							
Metal Sect. OHD	5%			2043	* *	5	\$3,500	
Windows								
Aluminum	100%	4+	\$2,500	2048	* *	5	\$1,500	
	Hardware Missing, Extent : Light, Area Affected : 15%							
	Location : 2nd Floor Latches Loose Or Broken							
Parapets								
Masonry: Brick	85%	Now	\$6,400	LIFE	* *	5	\$2,300	
	Efflorescence, Extent : Light, Area Affected : 10%							
	Location : Various Throughout.							
Masonry: Limestone	15%	Now	\$4,100	LIFE	* *	5	\$500	
	Broken/Missing Elements, Extent : Light, Area Affected : 15%							
	Location : Coping Stones Located Over Cornice At Front Facade							
Roof								
Modified Bitumen	100%	4+	\$19,600	2031	* *			
	Alligating, Extent : Light, Area Affected : 10%							
	Location : All Seams.							
	Drains Inad/Misposn, Extent : Moderate, Area Affected : 5%							
	Location : Throughout Roof.							
	Water Penetration, Extent : Moderate, Area Affected : 20%							
	Location : Lower Roof							
Interior								
Floors								
Cast in Place Concrete	44%			LIFE	* *	5	\$28,400	
Ceramic Tile	9%			2039	* *	5	\$1,300	
Wood	47%	Now	\$22,400	2054	* *	5	\$6,500	
	Deteriorated Finish, Extent : Moderate, Area Affected : 35%							
	Location : 2nd And 3rd Floor							
Interior Walls								
Ceramic Tile	10%			2035	* *	5	\$2,000	
Gypsum Board	35%			LIFE	* *	5-10	\$12,100	
Masonry: Brick	55%	4+	\$8,500	LIFE	* *			
	Efflorescence, Extent : Moderate, Area Affected : 5%							
	Location : 3rd Floor Men's Locker Room.							
	Worn/Eroded, Extent : Light, Area Affected : 5%							
	Location : Basement.							

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

Maintenance \$ are aggregated over a ten-year period. 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	

Interior

Ceilings

AcousTileSusp.Lay-In	10%			2043	* *	5	\$1,500	
Exposed Struc: Steel	20%			LIFE	* *	10	\$5,900	
Gypsum Board	25%			LIFE	* *	5-10	\$12,700	
Plaster	45%			LIFE	* *	5-10	\$11,400	

Electrical		Current Repair		Future Replacement		Maintenance		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	\$400	
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Lighting

Interior Lighting

Fluorescent	75%			2026	\$64,600	10	\$9,500	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Building</i>								

Fluorescent	25%			2031	* *	10	\$3,200	
<i>T-8 Lamps, 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.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. 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

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)		
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	\$6,100	
		Needs Cleaning, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
	Hot Wtr Piping/Pump	50%	Now	\$1,700	2042	* *	4	\$300	
		Leak Evident, Extent : Light, Area Affected : 100%							
		Location : Radiator Valves							
	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	\$4,400	2031	* *	2	\$700	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Explanation : Ongoing Control Problems							
	Distribution								
	Ductwork/Diffusers	75%	Now	\$10,700	LIFE	* *	2	\$13,400	
		Needs Cleaning, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
	Ductwork/Diffusers	25%			LIFE	* *	2	\$5,600	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$12,100	
	Exhaust Fans								
	Roof	40%			2026	\$4,300	2	\$200	
	Roof	60%			2031	* *	2	\$300	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
	Water Heater								
	Gas Fired	100%	Now	\$300	2024	\$3,100	2	\$200	
		Malfunctioning, Extent : Light, Area Affected : 100%							
		Location : Circulating Pump Seized							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 100 Gallon Units							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	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.

*** 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

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		
	Sump Pump(s)								
	Rigid Piping	100%			2031	* *	4	\$1,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Duplex Unit With Alarm							
	Backflow Preventer								
	Generic	100%			2031	* *	1	\$800	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Chemical System								
	Generic	100%			2024	\$25,500	1-3	\$50,600	

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

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

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

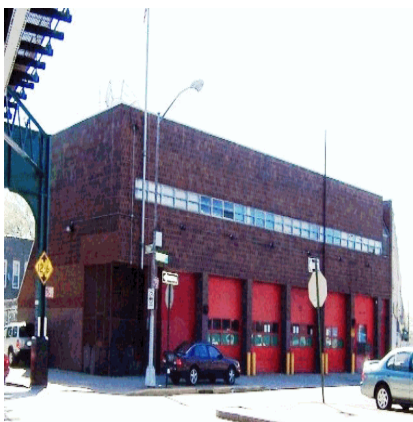
Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 283
Address : 885 HOWARD AVENUE
Borough : BROOKLYN
Program / Asset # : FIRSECO.283 / 13169
Area Sq Ft : 11,898
Date of Survey : 03-Oct-2011
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 3580 **Lot** : 20 **BIN** : 3081953
Agency's Number : N/A
Yr Built/Renovated : 1974 /
Project Type : FIRE DEPARTMENT
Landmark Status : NONE

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$501,000	
Interior Architecture	\$47,300	
Electrical	\$64,300	\$159,900
Mechanical	\$40,200	
Total	\$652,800	\$159,900
Importance Code A	\$501,000	
Importance Code B	\$151,800	\$159,900
Total	\$652,800	\$159,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$38,300	\$1,800		
Interior Architecture	\$36,300			\$700
Electrical	\$3,800	\$1,300	\$800	\$800
Mechanical	\$8,500	\$900	\$6,300	\$900
Total	\$86,900	\$4,100	\$7,100	\$2,400
Importance Code A	\$38,900	\$2,600	\$600	\$600
Importance Code B	\$48,000	\$1,500	\$6,600	\$1,800
Importance Code C				
Total	\$86,900	\$4,100	\$7,100	\$2,400



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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. 283
Asset # : 13169

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	\$17,400	
	Vegetation Growth, Extent : Severe, Area Affected : 50%							
	Location : Rear Yard							
Metal/Glass Curt Wall	10%	Now	\$384,700	LIFE	* *	5	\$4,700	
	Broken/Missing Elements, Extent : Severe, Area Affected : 30%							
	Location : Kitchen, Workout Room							
	Deformed/Dented, Extent : Severe, Area Affected : 40%							
	Location : Kitchen, Workout Room							
	Glazing Broken/Cracked, Extent : Severe, Area Affected : 30%							
	Location : Kitchen, Workout Room							
Wood Overhead Doors	20%	Now	\$61,400	2040	* *	5	\$12,400	
	Split/Cracked, Extent : Severe, Area Affected : 20%							
	Location : Entry Facade							
Windows								
Aluminum	100%	Now	\$54,900	2048	* *	5	\$700	
	Bent/Warped Elements, Extent : Severe, Area Affected : 50%							
	Location : Throughout							
	Glazing Broken/Cracked, Extent : Severe, Area Affected : 30%							
	Location : Throughout							
Parapets								
Concrete Masonry Unit	70%			LIFE	* *	5	\$2,500	
Metal Panel	30%			2043	* *	5	\$3,700	
Roof								
Metal Panel	5%	0-2	\$3,400	2040	* *			
	Deteriorated Finish, Extent : Severe, Area Affected : 90%							
	Location : Side Yard							
Single Ply Membrane	85%	Now	\$5,700	2031	* *			
	Blisters, Extent : Moderate, Area Affected : 30%							
	Location : Main And Lower Roofs							
	Ponding, Extent : Severe, Area Affected : 10%							
	Location : Lower Roof							
	Water Penetration, Extent : Severe, Area Affected : 10%							
	Location : Lower Roof @ Drains							
Skylight, Metal/Glass	10%	Now	\$29,300	2049	* *			
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							

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FIRE DEPARTMENT - 057
ENGINE CO. 283
Asset # : 13169

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	60%			LIFE		**	5	\$25,000	
Ceramic Tile	5%	0-2	\$1,800	2036		**	5	\$500	

Broken/Missing Elements, Extent : Moderate, Area Affected : 30%

Location : Second Floor Bathroom

Quarry Tile	5%			2036		**	5	\$1,400	
Vinyl Tile	30%	0-2	\$14,300	2031		**	3	\$2,100	

Worn/Eroded, Extent : Moderate, Area Affected : 50%

Location : Throughout

Interior Walls

Concrete Masonry Unit	50%			LIFE		**	5	\$5,200	
Gypsum Board	10%			LIFE		**	5	\$1,600	
Plaster	10%			LIFE		**	5	\$800	
SGFT/Glazed Masonry	30%			LIFE		**			

Ceilings

AcousTileSusp.Lay-In	65%	Now	\$47,300	2040		**	5	\$6,000	
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Broken/Missing Elements, Extent : Severe, Area Affected : 30%

Location : Throughout

Staining/Discoloring, Extent : Moderate, Area Affected : 40%

Location : Throughout

Exposed Concrete	35%	Now	\$20,200	LIFE		**	5	\$1,000	
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Paint Peeling, Extent : Severe, Area Affected : 60%

Location : Apparatus Room At Doors

Site Enclosure

Fence/Gates

Chain link	100%			2043		**			
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Site Pavements

On-Site Walkways

Cast in Place Concrete	100%			2036		**			
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Parking/Driveway

Asphalt	45%			2032		**			
Cast in Place Concrete	55%			2036		**			

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

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2023		\$4,700	5	\$300	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Basement

Explanation : 350 Amps.

Switchgear / Switchboard

Molded Case Bkrs	100%			2023		\$47,700	5	\$300	
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Raceway

Conduit	100%			2023		\$30,600	1		
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FIRE DEPARTMENT - 057
ENGINE CO. 283
Asset # : 13169

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									
	Panelboards								
	Molded Case Bkrs	100%			2022	\$37,700	5	\$300	
	Wiring								
	Thermoplastic	100%			2023	\$27,100	1		
	Motor Controllers								
	Locally Mounted	100%			2021	\$14,100	5	\$100	
Ground									
	Grounding Devices								
	Metal Water Pipe	100%			2021	\$9,300	5	\$400	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2021	\$4,700	1	\$3,700	
	Generators								
	Diesel	100%			2019	\$64,300	1	\$4,600	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Outside.								
	Explanation : 65 Kw								
	Batteries								
	Nickel Cadmium	100%			2017	\$1,500	5	\$2,700	
	Fuel Storage								
	Main Tank	100%			2038	* *	5	\$400	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Underground								
	Explanation : 570 Gallons								
Lighting									
	Interior Lighting								
	Fluorescent	30%			2023	\$22,300	10	\$3,300	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Mostly T-8								
	Fluorescent	70%			2023	\$52,100	10	\$7,600	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Mostly T-12								
	Egress Lighting								
	Emergency, Service	100%			2023	\$5,700	1		
	Exterior Lighting								
	HID	30%			2023	\$13,200	10		
	No Component	70%							

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2049	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 283
Asset # : 13169

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Type	Type								
Heating									
	Conversion Equipment								
	Hot Water Boiler	100%			2040	* *	1	\$5,900	
	Distribution								
	Hot Wtr Piping/Pump	100%			2031	* *	4	\$600	
	Terminal Devices								
	Convactor/Radiator	75%			2036	* *	1	\$2,900	
	Unit Heater-Stm/HW	25%			2023	\$18,800	4	\$300	
Air Conditioning									
	Energy Source								
	Electricity	100%			2045	* *	1		
	Conversion Equipment								
	Ext Pkg Unit - Cooling	75%	Now	\$800	2018	\$40,200	2	\$400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Explanation : 3 Units / 1 Missing Filter Door							
	Window/Wall Unit	25%			2017	\$6,000	1		
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2	\$15,500	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,600	
	Exhaust Fans								
	Interior	10%			2028	* *	2		
	Roof	90%	Now	\$800	2023	\$8,300	2	\$300	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Roof							
		Explanation : Cover And Belt Off 1 Fan							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2043	* *	1		
	Water Heater								
	Gas Fired	100%			2021	\$2,700	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 75 Gallon Units							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Backflow Preventer								
	No Component	95%							
	Generic	5%			2031	* *	1		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler							
		Explanation : Boiler Only							
Fixtures									
	Generic	100%							

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FIRE DEPARTMENT - 057
ENGINE CO. 283
Asset # : 13169

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Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 284/LADDER CO. 149
Address : 1157 79th STREET BTWN 11TH AVE - 12TH AVE
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSECO.284 / 13170 **Yr Built/Renovated** : 1913 / 1999
Area Sq Ft : 10,350 **Project Type** : FIRE DEPARTMENT
Date of Survey : 14-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 6254 **Lot** : 53 **BIN** : 3161800

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$118,300	\$71,800
Electrical	\$80,300	\$85,400
Total	\$198,600	\$157,200
Importance Code A	\$118,300	\$71,800
Importance Code B	\$80,300	\$85,400
Total	\$198,600	\$157,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$81,100		\$10,800	
Interior Architecture	\$125,400		\$400	\$900
Electrical	\$22,800	\$100	\$8,900	
Mechanical	\$18,400	\$1,700	\$21,900	\$1,700
Total	\$247,600	\$1,900	\$42,000	\$2,600
Importance Code A	\$82,100	\$1,000	\$11,900	\$1,000
Importance Code B	\$90,300	\$900	\$30,100	\$1,600
Importance Code C	\$75,200			
Total	\$247,600	\$1,900	\$42,000	\$2,600



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FIRE DEPARTMENT - 057
ENGINE CO. 284/LADDER CO. 149
Asset # : 13170

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%	0-2	\$118,300	LIFE	* *	5	\$20,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%	0-2	\$16,600	LIFE	* *	5	\$1,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	10%	0-2	\$34,000	LIFE	* *	5	\$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood Overhead Doors	15%			2029	* *	5	\$21,500	
Windows								
Aluminum	100%	Now	\$14,200	2046	* *	5	\$1,700	
Air Infiltration, Extent : Moderate, Area Affected : 15%								
Location : Second Floor								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Second Floor								
Parapets								
Cast Stone/Terra Cotta	20%	2-4	\$8,300	LIFE	* *	5	\$5,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Stucco Cement	80%			2037	* *	5	\$6,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
Asphalt Shingle	10%	0-2	\$900	2027	* *			
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Modified Bitumen	90%	0-2	\$3,600	2024	\$71,800			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								

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FIRE DEPARTMENT - 057
ENGINE CO. 284/LADDER CO. 149
Asset # : 13170

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	50%			LIFE	* *	5	\$19,200	
Ceramic Tile	5%			2039	* *	5	\$900	
Quarry Tile	5%			2037	* *	5	\$1,300	
Vinyl Tile	40%	Now	\$17,500	2029	* *	3	\$2,600	
Adhesion Failure, Extent : Moderate, Area Affected : 20%								
Location : Second Floor								
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Second Floor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Second Floor								
Repairs in Progress, Extent : Light, Area Affected : 50%								
Location : Third Floor								
Interior Walls								
Ceramic Tile	5%	Now	\$32,500	2039	* *	5	\$600	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : All Toilet Rooms								
Ceramic Tile	10%			2027	* *	5	\$2,400	
Masonry: Brick	35%	0-2	\$32,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	50%	0-2	\$9,400	LIFE	* *	5	\$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	35%	Now	\$24,200	2037	* *	5	\$3,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : 3rd Floor								
Exposed Struc: Steel	30%			LIFE	* *			
Plaster	35%	0-2	\$7,900	LIFE	* *	5	\$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2037	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2029	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Sides Of Building								
Explanation : Two Walkways								
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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$4,700	5	\$300	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement Service Room							
	Explanation : 200 Amp Service Switch							
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$47,700	5	\$300	
Raceway								
Conduit	100%			2024	\$30,600	1		
Panelboards								
Molded Case Bkrs	100%			2023	\$37,700	5	\$300	
Wiring								
Thermoplastic	100%			2024	\$27,100	1		
Motor Controllers								
Locally Mounted	50%			2022	\$7,000	5		
Motor Control Center	50%			2022	\$7,000	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement							
	Explanation : Water Main							
Lighting								
Interior Lighting								
Fluorescent	35%	2-4	\$22,700	2034	* *			
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : Various Locations							
	Explanation : Old Fixtures Not Working / T-12 Lamps							
Fluorescent	65%			2019	\$42,100	10	\$6,200	
	T-12 Lamps, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
Egress Lighting								
Exit, Service	60%			2019	\$700	1		
Exit, Battery	40%			2019	\$1,500	10	\$300	
Exterior Lighting								
HID	100%			2019	\$38,200	10		

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

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FIRE DEPARTMENT - 057
ENGINE CO. 284/LADDER CO. 149
Asset # : 13170

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%			2041	* *	1	\$10,300	
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Basement						
		Explanation : One Unit						
Distribution								
Steam Piping/Pump	100%	Now	\$3,500	2044	* *	4	\$500	
		Steam Traps Faulty, Extent : Moderate, Area Affected : 5%						
		Location : Throughout						
Terminal Devices								
Convactor/Radiator	100%	Now	\$4,800	2029	* *	1	\$3,000	
		Leak Evident, Extent : Moderate, Area Affected : 5%						
		Location : Conference Room						
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2019	\$10,400	1		
No Component	50%							
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2	\$6,700	
No Component	50%							
Terminal Devices								
Direct Expansion	50%	Now	\$400	2029	* *	1		
		Leak Evident, Extent : Moderate, Area Affected : 5%						
		Location : Condensate On 3rd Floor Ceiling						
No Component	50%							
Heat Rejection								
Air Condenser Unit	50%	Now	\$300	2024	\$5,000	2	\$2,900	
		Other Observation, Extent : Moderate, Area Affected : 5%						
		Location : Roof						
		Explanation : Not Installed Properly						
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$2,900	
No Component	50%							
Exhaust Fans								
Roof	10%	Now	\$800	2034	* *	2		
		Broken, Extent : Severe, Area Affected : 100%						
		Location : Kitchen						
Wall Unit	10%			2024	\$1,500	2		
No Component	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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Water Heater								
	Gas Fired	100%			2023	\$2,400	2	\$200	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%	Now	\$700	LIFE	* *	1		
			Blockage /Clogged, Extent : Moderate, Area Affected : 10%						
			Location : Apparatus Floor, Floor Drain						
	Sump Pump(s)								
	Submersible	100%	Now	\$6,500	2019	\$6,500	4	\$1,600	
			Broken, Extent : Severe, Area Affected : 100%						
			Location : Basement						
	Fixtures								
	Generic	100%							
			Obsolete Fixtures, Extent : Severe, Area Affected : 20%						
			Location : Kitchen						
Fire Suppression									
	Chemical System								
	No Component	90%							
	Generic	10%			2022	\$2,600	1-3	\$5,100	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Throughout						
			Explanation : Fire Extinguishers						

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 285/LADDER CO. 142
Address : 103-17 98th STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIRSECO.285 / 13171 **Yr Built/Renovated** : 1913 /
Area Sq Ft : 10,112 **Project Type** : FIRE DEPARTMENT
Date of Survey : 10-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 9121 **Lot** : 11 **BIN** : 4438526

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$57,300
Interior Architecture	\$209,900	
Electrical		\$43,400
Total	\$209,900	\$100,700
Importance Code A		\$57,300
Importance Code B	\$152,100	\$43,400
Importance Code C	\$57,800	
Total	\$209,900	\$100,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$52,700		\$6,400	
Interior Architecture	\$84,100			\$900
Electrical	\$10,700	\$300	\$300	\$400
Mechanical	\$53,200	\$1,400	\$8,600	\$1,600
Total	\$200,800	\$1,700	\$15,400	\$3,000
Importance Code A	\$53,700	\$1,000	\$7,400	\$1,000
Importance Code B	\$114,700	\$700	\$7,900	\$2,000
Importance Code C	\$32,300			
Total	\$200,800	\$1,700	\$15,400	\$3,000



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

Maintenance \$ are aggregated over a ten-year period. 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	\$8,700	LIFE	* *	5	\$21,400	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
	Location : Window Sills On Various Floors							
Masonry: Brick	70%			LIFE	* *	5	\$38,400	
Masonry: Limestone	5%			LIFE	* *	5	\$2,100	
Metal Sect. OHD	15%			2039	* *	5	\$12,900	
Windows								
Aluminum	100%	Now	\$11,200	2034	* *	5	\$300	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Glazing Broken/Cracked, Extent : Light, Area Affected : 2%							
	Location : 2nd Floor, Rear Wall.							
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	\$6,200	
Metal Panel	10%	Now	\$1,500	2046	* *	5	\$200	
	Caulking Deteriorated, Extent : Moderate, Area Affected : 65%							
	Location : Various Locations Around Roof							
Roof								
Metal, Corrugated	5%			2031	* *	1		
Modified Bitumen	95%	Now	\$5,700	2026	\$57,300			
	Recent Replace Evident, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Water Penetration, Extent : Moderate, Area Affected : 5%							
	Location : Over 3rd Floor Gymnasium							

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. 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	\$23,100	LIFE	* *	5	\$9,900		
Drains Clogged, Extent : Light, Area Affected : 2%									
Location : Apparatus Floor.									
Horizontal Cracks, Extent : Moderate, Area Affected : 20%									
Location : Apparatus Floor.									
Water Penetration, Extent : Light, Area Affected : 10%									
Location : Basement									
Other Observation, Extent : Severe, Area Affected : 50%									
Location : Apparatus Room Floor									
Explanation : Depressions. Temporary Support In Place.									
Ceramic Tile	6%	Now	\$10,300	2041	* *	5	\$500		
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%									
Location : All Bathroom Floors									
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : All Bathroom Floors									
Explanation : Need Replacement									
Quarry Tile	5%	Now	\$10,600	2039	* *	5	\$600		
Worn/Eroded, Extent : Moderate, Area Affected : 50%									
Location : Kitchen									
Vinyl Tile	50%	Now	\$62,800	2036	* *	3	\$2,800		
Broken/Missing Elements, Extent : Light, Area Affected : 15%									
Location : Various Locations									
Uneven Substrate, Extent : Severe, Area Affected : 2%									
Location : 3rd Floor Gymnasium									
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : 2nd And 3rd Floors									
Explanation : Tiles Are Old And Worn									
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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	Now	\$20,600	2041	* *	5	\$400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : All Bathroom Floors								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : All Bathroom Floors								
Masonry: Brick	10%	0-2	\$2,900	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor.								
Masonry: Brick	10%	Now	\$5,800	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	50%	0-2	\$3,000	LIFE	* *	5	\$2,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Various Locations								
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Various Locations								
SGFT/Glazed Masonry	25%	Now	\$57,800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Apparatus Floor								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Loose Units, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								

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. 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								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$1,200	2046	* *	5	\$400	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 25%							
	Location : Various Locations							
Exposed Concrete	30%	Now	\$89,300	LIFE	* *	5	\$700	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
	Location : Basement.							
	Exposed Reinforcement, Extent : Moderate, Area Affected : 15%							
	Location : Basement							
	Paint Peeling, Extent : Light, Area Affected : 5%							
	Location : Basement.							
	Spalling, Extent : Severe, Area Affected : 20%							
	Location : Basement							
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : Basement							
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : Basement							
	Explanation : Corroded Steel Structure; Shoring Members Help Support Steel Structure Below Apparatus Floor.							
Plaster	65%	Now	\$6,600	LIFE	* *	5	\$6,400	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
	Location : First And Third Floors							
	Water Penetration, Extent : Light, Area Affected : 5%							
	Location : Third Floor							

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
Fused Disc Sw		100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : 400 Amps. Service									
Switchgear / Switchboard									
Molded Case Bkrs		100%			2046	* *	5	\$300	
Raceway									
Conduit		15%			2046	* *	1		
Conduit		85%			2026	\$26,000	1		
Panelboards									
Molded Case Bkrs		100%			2025	\$37,700	5	\$300	
Wiring									
Thermoplastic		100%			2036	* *	1		
Motor Controllers									
Locally Mounted		20%			2031	* *	5		
No Component		80%							

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. 285/LADDER CO. 142
Asset # : 13171

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
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
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, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Fluorescent	9%			2026	\$5,700	10	\$800	
<i>T-12 Lamps, 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	\$18,600	10		
No Component	50%							
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	4+	\$10,200	2036	* *			
<i>Local/Battery Operated Detect, Extent : Light, 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								
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>								

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. 285/LADDER CO. 142
Asset # : 13171

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								
Terminal Devices								
Convactor/Radiator	80%	4+	\$29,800	2043	* *	1	\$2,300	
	Corroded, Extent : Light, Area Affected : 30%							
	Location : 2nd And 3rd Floors							
Unit Heater-Stm/HW	20%			2026	\$12,800	4	\$300	
	Abandoned in Place, Extent : Light, Area Affected : 40%							
	Location : 1st Floor And 3rd Floor							
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2024	\$15,200	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,900	
Exhaust Fans								
Interior	10%	Now	\$1,100	2036	* *	2		
	Abandoned in Place, Extent : Moderate, Area Affected : 20%							
	Location : 1st Floor General Exhaust							
Interior	40%			2026	\$4,400	2	\$100	
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Kitchen Hood							
	Explanation : No System							
Roof	50%			2021	\$3,900	2	\$200	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2026	\$14,700	1		
Galv Iron/Steel	50%	Now	\$8,800	2043	* *	1		
	Leak Evident, Extent : Severe, Area Affected : 30%							
	Location : 2nd And 3rd Floor Bathrooms							
Water Heater								
Gas Fired	100%			2024	\$2,300	2	\$100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : 2 - 75 Gallon Units							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	\$8,300	LIFE	* *	1		
	Blockage /Clogged, Extent : Severe, Area Affected : 20%							
	Location : Roof Drain, 1st Floor Drain							
	Corroded, Extent : Moderate, Area Affected : 10%							
	Location : Basement							
Sump Pump(s)								
Submersible	100%			2019	\$6,500	4	\$2,500	

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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. 285/LADDER CO. 142
Asset # : 13171

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%						

*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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 301/LADDER CO. 150
Address : 91-02 197th STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIRSECO.301 / 13186 **Yr Built/Renovated** : 1933 / 2003
Area Sq Ft : 9,974 **Project Type** : FIRE DEPARTMENT
Date of Survey : 05-Oct-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 10464 **Lot** : 25 **BIN** : 4222434

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture		\$50,200
Mechanical		\$38,800
Total		\$89,000
Importance Code B		\$89,000
Total		\$89,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$1,200	\$6,000	\$1,300	
Interior Architecture	\$54,700	\$1,100		\$800
Electrical	\$900	\$12,000	\$100	
Mechanical	\$8,800	\$1,600	\$2,800	\$1,600
Total	\$65,700	\$20,700	\$4,200	\$2,300
Importance Code A	\$2,100	\$6,900	\$2,100	\$900
Importance Code B	\$33,500	\$13,800	\$2,100	\$1,400
Importance Code C	\$30,100			
Total	\$65,700	\$20,700	\$4,200	\$2,300



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

Maintenance \$ are aggregated over a ten-year period. 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		
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	\$20,300	
Granite Panels	5%			LIFE	* *	5	\$900	
Wood Overhead Doors	10%			2028	* *	5	\$11,900	
Windows								
Aluminum	100%			2039	* *	5	\$2,500	
Parapets								
Masonry: Granite	100%			LIFE	* *	5	\$800	
Roof								
Asphalt Shingle	85%			2032	* *	10	\$1,400	
	Recent Replace Evident, Extent : Light, Area Affected : 100%							
	Location : Pitched Roof							
Roll Roofing	15%			2022	\$6,000	5	\$2,500	
Interior								
Floors								
Cast in Place Concrete	35%	2-4	\$21,500	LIFE	* *	5	\$9,300	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Below Apparatus Room							
	Explanation : Structurally Insufficient							
Ceramic Tile	5%			2032	* *	5	\$600	
Vinyl Tile	50%			2023	\$50,200	3	\$3,000	
Wood	10%			2038	* *	5	\$2,300	
Interior Walls								
Cast in Place Concrete	5%	Now	\$15,600	LIFE	* *			
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
	Location : Hose Tower							
	Diagonal Cracks, Extent : Severe, Area Affected : 15%							
	Location : Hose Tower							
	Vertical Cracks, Extent : Severe, Area Affected : 15%							
	Location : Hose Tower							
Gypsum Board	20%	Now	\$2,700	LIFE	* *	5	\$2,000	
	Water Penetration, Extent : Severe, Area Affected : 50%							
	Location : Stair To Third Floor							
	Other Observation, Extent : Severe, Area Affected : 20%							
	Location : Stair To Third Floor							
	Explanation : Mold							
Masonry: Brick	10%			LIFE	* *			
Plaster	15%	Now	\$11,800	LIFE	* *	5	\$800	
	Cracking/Crumbling, Extent : Severe, Area Affected : 35%							
	Location : Hose Tower And Third Floor Stair							
	Water Penetration, Extent : Severe, Area Affected : 40%							
	Location : Hose Tower, Pole Hole And Various Locations Throughout							
SGFT/Glazed Masonry	50%			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. 301/LADDER CO. 150
Asset # : 13186

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 5% Now \$400 2040 * * 5 \$300

Broken/Missing Elements, Extent : Severe, Area Affected : 30%

Location : Locker Room

Worn/Eroded, Extent : Severe, Area Affected : 50%

Location : Dormitory

Exposed Concrete 5% Now \$1,600 LIFE * * 5 \$100

Cracking/Crumbling, Extent : Moderate, Area Affected : 20%

Location : Hose Tower

Gypsum Board 15% LIFE * * 5 \$2,000

Plaster 75% LIFE * * 5 \$4,900

Water Penetration, Extent : Severe, Area Affected : 25%

Location : Second Floor And Hose Tower

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

Under 600 Volts

Service Equipment

Fused Disc Sw 100% 2043 * * 5

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

Location : Basement

Explanation : 400 Amps.

Switchgear / Switchboard

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

Raceway

Conduit 100% 2043 * * 1

Panelboards

Molded Case Bkrs 100% 2039 * * 5 \$300

Wiring

Thermoplastic 100% 2043 * * 1

Motor Controllers

Locally Mounted 100% 2028 * * 5 \$100

Ground

Grounding Devices

Generic 100% Now \$900 LIFE * * 5 \$100

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

Location : Basement

Explanation : Improperly Connected To Water Pipe.

Lighting

Interior Lighting

Fluorescent 95% 2028 * * 10 \$8,700

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

Location : Throughout

Explanation : Mostly T-8

Incandescent 5% 2018 \$3,100 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
ENGINE CO. 301/LADDER CO. 150
Asset # : 13186

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

Exterior Lighting								
HID	50%			2023	\$18,400	10		
No Component	50%							

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	20%			2043	**	1		
Natural Gas	80%			2043	**	1		
Conversion Equipment								
Furnace	20%			2028	**	1	\$1,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 3rd Floor</i>								
<i>Explanation : Interior Heating / Cooling Package Unit</i>								
Steam Boiler	80%			2036	**	1	\$7,900	
Distribution								
Ductwork/Diffusers	20%			LIFE	**	2-5	\$1,100	
Steam Piping/Pump	80%			2033	**	4	\$600	
Terminal Devices								
Convactor/Radiator	100%			2028	**	1	\$3,200	

Air Conditioning

Energy Source								
Electricity	100%			2039	**	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	20%			2024	\$38,800	2	\$100	
Window/Wall Unit	80%			2021	\$16,000	1		
Distribution								
Ductwork/Diffusers	20%			LIFE	**	2	\$2,600	
No Component	80%							
Terminal Devices								
Direct Expansion	20%			2028	**	1		
No Component	80%							
Heat Rejection								
Remote Air Cond	20%			2028	**	2	\$1,400	
No Component	80%							

Ventilation

Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$5,600	
Exhaust Fans								
Wall Unit	100%			2028	**	2	\$300	

Plumbing

H/C Water Piping								
Brass/Copper	100%			2043	**	1		

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

Maintenance \$ are aggregated over a ten-year period. 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		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								
	Gas Fired	100%			2021	\$2,300	2	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 75 Gallon Units							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2017	\$6,500	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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 33/LADDER CO. 9
Address : 42 GREAT JONES STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIRSECO.033 / 13021 **Yr Built/Renovated** : 1898 /
Area Sq Ft : 12,649 **Project Type** : FIRE DEPARTMENT
Date of Survey : 16-Jun-2015 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 531 **Lot** : 49 **BIN** : 1008526

CAPITAL		FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$41,300	
Interior Architecture		\$41,700	
Electrical			\$82,400
Total		\$83,100	\$82,400
Importance Code A		\$41,300	
Importance Code B		\$41,700	\$82,400
Total		\$83,100	\$82,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$103,900		\$7,800	
Interior Architecture	\$59,400		\$1,100	\$600
Electrical	\$1,300	\$900	\$1,200	\$2,500
Mechanical	\$12,800	\$9,800	\$6,500	\$5,700
Total	\$177,400	\$10,700	\$16,600	\$8,700
Importance Code A	\$105,100	\$1,300	\$9,000	\$1,300
Importance Code B	\$49,300	\$9,500	\$6,900	\$7,500
Importance Code C	\$23,000		\$700	
Total	\$177,400	\$10,700	\$16,600	\$8,700



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. 33/LADDER CO. 9
Asset # : 13021

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	65%			LIFE	**	5	\$57,800	
Masonry: Granite	5%	Now	\$14,000	LIFE	**	5	\$1,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Granite Panels Adjacent To Overhead Door Openings								
Masonry: Limestone	10%	0-2	\$25,900	LIFE	**	5	\$3,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
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	\$41,300	LIFE	**	5	\$1,100	1
Loose/Delam Surface, Extent : Severe, Area Affected : 60%								
Location : Main Roof								
Misaligned/Bulging, Extent : Severe, Area Affected : 50%								
Location : Main Roof								
Parge/Tar Separating, Extent : Severe, Area Affected : 100%								
Location : Main Roof Parapets								
Masonry: Sandstone	15%	Now	\$18,600	LIFE	**	5	\$200	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Coping Stones Have Failed And Need To Be Replaced.								
Roof								
Asphalt Shingle	20%			2029	**	10	\$400	
Copper/Terne	20%			2041	**	10	\$6,200	
Roll Roofing	60%	2-4	\$16,400	2028	**	5	\$6,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 3rd Floor Ceiling								

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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$4,100	LIFE	**	5	\$16,100	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Explanation : Epoxy Paint Finish Is Cracking								
Ceramic Tile	5%			2039	**	5	\$900	
Recent Replace Evident, Extent : Light, Area Affected : 70%								
Location : 2nd & 3rd Floor Bathrooms								
Quarry Tile	5%			2031	**	5	\$1,400	
Vinyl Tile	25%	Now	\$41,700	2036	**	3	\$1,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor								
Uneven Substrate, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor								
Explanation : Vinyl Tiles Are Very Old, Deteriorated And Should Be Replaced.								
Wood	25%	0-2	\$16,200	2054	**	5	\$4,300	
Dry Rot/Decay, Extent : Severe, Area Affected : 10%								
Location : Attic								
Interior Walls								
Ceramic Tile	5%			2039	**	5	\$1,400	
Recent Replace Evident, Extent : Light, Area Affected : 70%								
Location : 2nd & 3rd Floor Bathrooms								
Gypsum Board	5%			LIFE	**	5-10	\$2,300	
Masonry: Brick	20%	Now	\$11,400	LIFE	**			
Diagonal Cracks, Extent : Light, Area Affected : 10%								
Location : 4th Floor/ Attic Space								
Vertical Cracks, Extent : Light, Area Affected : 10%								
Location : 4th Floor/ Attic Space								
Plaster	45%			LIFE	**	5-10	\$10,400	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	**	10	\$3,400	
Ceilings								
Embossed Metal	75%	0-2	\$14,000	LIFE	**	5	\$6,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : All Floors								
Gypsum Board	5%	Now	\$200	LIFE	**	5	\$1,200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Basement Bathroom								
Masonry: Infill Arch	20%			LIFE	**	10	\$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
ENGINE CO. 33/LADDER CO. 9
Asset # : 13021

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

Site Pavements

Parking/Driveway

Cast in Place Concrete

100%

2046

* *

*Other Observation, Extent : Light, Area Affected : 100%**Location : Entry To Apparatus Floor**Explanation : Under Construction/ Replacement*

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

Under 600 Volts

Service Equipment

Fused Disc Sw

100%

2036

* *

5

\$100

*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

\$400

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

*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. 33/LADDER CO. 9
Asset # : 13021

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	95%			2026	\$82,400	10	\$11,000	
<i>T-8 Lamps, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Building</i>								
Incandescent	5%			2021	\$4,300	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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment								
Steam Boiler	100%			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	\$8,700	4	\$200	

Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2021	\$8,300	1		
No Component	70%							

Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,200	
Exhaust Fans								
Roof	30%	Now	\$3,200	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>								

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

Maintenance \$ are aggregated over a ten-year period. 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

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								
	Gas Fired	100%			2021	\$3,100	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 75 Gallon Units							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							
Fire Suppression	Chemical System								
	Generic	100%			2024	\$27,900	1-3	\$50,600	

*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.*

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 35/LADDER 14/ BATTALION 12
Address : 2282 THIRD AVENUE
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIRSECO.035 / 13023 **Yr Built/Renovated** : 1974 /
Area Sq Ft : 10,900 **Project Type** : FIRE DEPARTMENT
Date of Survey : 28-Mar-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 1773 **Lot** : 33 **BIN** : 1054465

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$91,000
Interior Architecture		\$49,500
Electrical		\$150,500
Total		\$291,000
Importance Code A		\$91,000
Importance Code B		\$200,000
Total		\$291,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$39,600	\$800		\$3,300
Interior Architecture	\$6,200	\$1,100		\$700
Electrical	\$14,800	\$9,100	\$1,000	\$1,200
Mechanical	\$31,700	\$18,400	\$2,100	\$900
Total	\$92,400	\$29,400	\$3,200	\$6,000
Importance Code A	\$63,600	\$1,500	\$500	\$3,800
Importance Code B	\$28,800	\$27,900	\$2,600	\$2,200
Importance Code C				
Total	\$92,400	\$29,400	\$3,200	\$6,000



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. 35/LADDER 14/ BATTALION 12
Asset # : 13023

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	38%			LIFE	**	5	\$5,000	
Masonry: Brick	50%			LIFE	**	5	\$10,500	
Metal Panel	2%			2033	**	5-10	\$2,900	
Metal Sect. OHD	10%			2040	**	5	\$6,500	
Windows								
Aluminum	100%	Now	\$14,500	2045	**	5	\$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	**	5	\$4,200	
Stucco Cement	80%	2-4	\$16,500	2036	**	5	\$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout Parapet								
Roof								
Modified Bitumen	95%	4+	\$4,500	2023	\$91,000			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Drains Inad/Misposn, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Main Roof Under Rooftop Units								
Roll Roofing	5%			2017	\$3,400	5	\$1,400	
Interior								
Floors								
Cast in Place Concrete	20%	4+	\$3,000	LIFE	**	5	\$6,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Room								
Cast in Place Concrete	20%			LIFE	**	5	\$6,500	
Ceramic Tile	10%			2032	**	5	\$1,500	
Quarry Tile	10%			2036	**	5	\$2,200	
Vinyl Tile	40%	Now	\$2,500	2023	\$49,500	3	\$2,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	35%			LIFE	**	5	\$2,900	
Gypsum Board	30%			LIFE	**	5	\$3,700	
SGFT/Glazed Masonry	35%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	15%			2028	**	5	\$2,200	
Exposed Concrete	15%			LIFE	**	5	\$300	
Plaster	70%			LIFE	**	5	\$6,500	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : 1st Floor								

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

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

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

Site Enclosure

Free Standing Walls

Masonry: Brick

100%

2033

* *

Site Pavements

Parking/Driveway

Cast in Place Concrete

100%

Now

\$7,500

2036

* *

*Cracking/Crumbling, Extent : Moderate, Area Affected : 15%**Location : Front Right Side Of Building*

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

Under 600 Volts

Service Equipment

Molded Case Bkrs

100%

2033

* *

5

\$300

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Basement Service Room.**Explanation : 300 Amp Service Equipment Panel Cover Has Been Removed.*

Raceway

Conduit

80%

2033

* *

1

Conduit

20%

2049

* *

1

Panelboards

Molded Case Bkrs

40%

2031

* *

5

\$100

Molded Case Bkrs

60%

2039

* *

5

\$200

Wiring

Thermoplastic

100%

2033

* *

1

Motor Controllers

Locally Mounted

100%

2036

* *

5

\$100

Ground

Grounding Devices

Generic

100%

LIFE

* *

5

\$200

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Basement Storage Room.**Explanation : Old Style Collector Bus.*

Stand-by Power

Transfer Switches

Automatic

100%

2040

* *

1

\$3,400

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement Near Heating System.**Explanation : 200 Amp Transfer Switch.*

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. 35/LADDER 14/ BATTALION 12
Asset # : 13023

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	55%			2028	* *	10	\$5,500	
	T-12 Lamps, Extent : Light, Area Affected : 100%							
	Location : Basement And 1st Floor							
Fluorescent	20%	2-4	\$13,600	2033	* *			
	Not in Service, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	T-12 Lamps, Extent : Light, Area Affected : 100%							
	Location : Throughout							
Fluorescent	25%			2028	* *	10	\$2,500	
	T-8 Lamps, Extent : Light, Area Affected : 100%							
	Location : 2nd Floor							
Egress Lighting								
Exit, Service	50%			2028	* *	1		
	Recent Installation, Extent : Light, Area Affected : 100%							
	Location : Throughout Building							
No Component	50%							
Exterior Lighting								
HID	100%			2023	\$40,200	10		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Facade And Yard							
	Explanation : Wall Mounted, Controlled Via Photocell							
Alarm								
Fire/Smoke Detection								
Generic	100%			2023	\$110,300	1-3	\$6,900	

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Hot Water Boiler	100%	0-2	\$23,900	2043	* *	1	\$4,900	
	<i>Malfunctioning, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Obsolete Equipment, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
Distribution								
Hot Wtr Piping/Pump	100%			2031	* *	4	\$500	
Terminal Devices								
Convactor/Radiator	90%			2028	* *	1	\$3,200	
Unit Heater-Stm/HW	10%			2023	\$6,900	4	\$100	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 35/LADDER 14/ BATTALION 12
Asset # : 13023

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Conversion Equipment								
	Window/Wall Unit	80%			2018	\$17,500	1		
	No Component	20%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Roof							
		Explanation : Package Units Out Of Service Abandoned In Place / Load Covered By Window Units							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,100	
	Exhaust Fans								
	Roof	100%			2023	\$8,500	2	\$300	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2033	* *	1		
	Water Heater								
	Gas Fired	100%			2021	\$2,500	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 100 Gallon Units							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2017	\$6,500	4	\$2,500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Duplex Unit							
	Backflow Preventer								
	No Component	95%							
	Generic	5%			2028	* *	1		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Serves Boiler Only							
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	95%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Kitchen							
		Explanation : Ansul System Serves Cooking Area							
	Generic	5%			2033	* *	1-2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Connected To Domestic Water / Serves Fuel Tank Room							

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 37
Address : 415 WEST 125TH STREET
Borough : MANHATTAN
Program / Asset # : FIRSECO.037 / 13025
Area Sq Ft : 11,778
Date of Survey : 26-Sep-2011
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 1966 **Lot** : 61 **BIN** : 1059547
Agency's Number : N/A
Yr Built/Renovated : 1974 / 2002
Project Type : FIRE DEPARTMENT
Landmark Status : NONE

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$46,600	\$152,200
Interior Architecture		\$44,100
Electrical		\$116,400
Total	\$46,600	\$312,700
Importance Code A	\$46,600	\$152,200
Importance Code B		\$160,500
Total	\$46,600	\$312,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$16,000			\$4,300
Interior Architecture	\$10,300	\$800		\$700
Electrical		\$800	\$200	
Mechanical	\$13,100	\$19,800	\$2,800	\$900
Total	\$39,400	\$21,400	\$2,900	\$5,900
Importance Code A	\$16,500	\$600	\$600	\$4,900
Importance Code B	\$19,200	\$20,800	\$2,400	\$1,000
Importance Code C	\$3,600			
Total	\$39,400	\$21,400	\$2,900	\$5,900



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

Maintenance \$ are aggregated over a ten-year period. 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%			2040	* *	5	\$8,600	
Pre-Cast Concrete	90%	0-2	\$16,000	LIFE	* *	5	\$80,400	

Cracking/Crumbling, Extent : Moderate, Area Affected : 10%

Location : Entrance Door

Windows

Aluminum	100%	Now	\$46,600	2048	* *	5	\$600	
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Parapets

Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$2,800	
Pre-Cast Concrete	90%			LIFE	* *	5	\$20,400	

Roof

Built-Up (BUR)	100%			2023	\$71,800	10	\$16,100	
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Interior

Floors

Cast in Place Concrete	50%			LIFE	* *	5	\$16,600	
Ceramic Tile	10%			2032	* *	5	\$1,500	
Quarry Tile	5%			2036	* *	5	\$1,100	
Vinyl Tile	35%			2023	\$44,100	3	\$2,700	

Interior Walls

Cast in Place Concrete	10%	0-2	\$2,600	LIFE	* *			
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Paint Peeling, Extent : Moderate, Area Affected : 80%

Location : Basement

Ceramic Tile	10%			2032	* *	5	\$2,100	
Concrete Masonry Unit	40%			LIFE	* *	5	\$3,300	
SGFT/Glazed Masonry	40%			LIFE	* *			

Ceilings

AcousTileSusp.Lay-In	10%			2028	* *	5	\$1,500	
Exposed Concrete	20%			LIFE	* *	5	\$500	
Gypsum Board	70%	0-2	\$5,200	LIFE	* *	5	\$13,300	

Broken/Missing Elements, Extent : Light, Area Affected : 5%

Location : Second Floor

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2043	* *	5	\$100	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Basement

Explanation : 400 Amps.

Raceway

Conduit	100%			2033	* *	1		
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Panelboards

Molded Case Bkrs	100%			2039	* *	5	\$300	
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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. 37
Asset # : 13025

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								
Wiring								
Thermoplastic	100%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	99%			2023	\$73,000	10	\$10,700	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Mostly T-8</i>							
Incandescent	1%			2018	\$700	2		
Egress Lighting								
Emergency, Service	98%			2023	\$5,500	1		
Exit, Service	2%			2023		1		
	<i>Lens/Guard Missing, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Second Floor</i>							
Exterior Lighting								
HID	100%			2023	\$43,400	10		

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2049	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2028	* *	1	\$5,800	
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$1,200	2031	* *	4	\$600	
	<i>Malfunctioning, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Circulating Pumps</i>							
Terminal Devices								
Convactor/Radiator	80%			2028	* *	1	\$3,000	
Unit Heater-Stm/HW	20%			2023	\$14,900	4	\$200	
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2028	* *	2	\$100	
Window/Wall Unit	80%			2018	\$18,900	1		
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	\$3,100	
No Component	80%							

*Note : 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. 37
Asset # : 13025

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,600	
Exhaust Fans									
	Interior	20%			2023	\$2,500	2	\$100	
	Roof	80%	Now	\$3,700	2028	* *	2	\$200	
Broken, Extent : Moderate, Area Affected : 100%									
Location : Roof / 2 Of 4 Need Replacement									
Plumbing									
H/C Water Piping									
	Brass/Copper	20%			2043	* *	1		
	Galv Iron/Steel	80%			2028	* *	1		
Water Heater									
	Gas Fired	100%			2021	\$2,700	2	\$200	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : 2 - 75 Gallon Units									
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Submersible	100%			2017	\$6,500	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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 39/LADDER CO. 16 (COMBINED FACILITY)
Address : 157 EAST 67th STREET
Borough : MANHATTAN **Agency's Number** : N/A
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 2017 - 2020	FY 2021 - 2026
Interior Architecture		\$44,100
Electrical		\$59,000
Total		\$103,100
Importance Code B		\$103,100
Total		\$103,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$13,800	\$300	\$4,200	
Interior Architecture	\$53,500		\$3,400	\$1,700
Electrical	\$5,700			\$200
Mechanical	\$44,200	\$1,300	\$7,800	\$500
Total	\$117,200	\$1,600	\$15,400	\$2,400
Importance Code A	\$13,800	\$300	\$4,200	
Importance Code B	\$85,700	\$1,300	\$11,200	\$1,300
Importance Code C	\$17,700			\$1,100
Total	\$117,200	\$1,600	\$15,400	\$2,400



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

Maintenance \$ are aggregated over a ten-year period. 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		
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	\$20,000	
	Efflorescence, Extent : Light, Area Affected : 5%							
	Location : Front Facade							
Masonry: Brownstone	25%			LIFE	* *	5	\$6,300	
	Staining/Discoloring, Extent : Light, Area Affected : 5%							
	Location : Front Facade							
Masonry: Granite	5%			LIFE	* *	5	\$1,300	
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	\$38,200	
Ceramic Tile	5%	2-4	\$1,000	2035	* *	5	\$500	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
	Location : Toilets							
Panel/Paver: Concrete	10%			2052	* *			
Quarry Tile	5%	2-4	\$1,500	2031	* *	5	\$700	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
	Location : Kitchen							
Terrazzo	10%			LIFE	* *	5	\$3,000	
Vinyl Tile	25%	Now	\$4,400	2026	\$44,100	3	\$1,800	
	Broken/Missing Elements, Extent : Light, Area Affected : 5%							
	Location : 3rd Floor Laundry Room.							
	Worn/Eroded, Extent : Moderate, Area Affected : 50%							
	Location : Various Locations							
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	\$5,500	
Ceramic Tile	10%			2035	* *	5	\$2,200	
Concrete Masonry Unit	15%	2-4	\$3,900	LIFE	* *	5	\$1,300	
	Broken/Missing Elements, Extent : Severe, Area Affected : 2%							
	Location : Basement Corridor							
Glass: Single Pane	5%			LIFE	* *	5	\$1,600	
Gypsum Board	5%	Now	\$1,500	LIFE	* *	5	\$700	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
	Location : Lounge And Gymnasium							
SGFT/Glazed Masonry	55%			LIFE	* *	10	\$6,000	

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. 39/LADDER CO. 16 (COMBINED FACILITY)
Asset # : 13027

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	35%			2039	* *	5	\$6,800	
Exposed Concrete	50%	Now	\$6,700	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 : Gymnasium And Lounge

Cracking/Crumbling, Extent : Moderate, Area Affected : 25%

Location : Gymnasium

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

Under 600 Volts

Service Equipment

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 \$41,200 5 \$300

Wiring

Thermoplastic 100% 2036 * * 1

Motor Controllers

Locally Mounted 100% 2031 * * 5 \$100

Ground

Grounding Devices

Not Accessible 100%

Other Observation, Extent : Light, Area Affected : 0%

Location : In Police Precinct

Explanation : Ground

Lighting

Interior Lighting

Fluorescent 20% 2026 \$17,800 10 \$2,400

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

Location : Throughout

Fluorescent 80% 2031 * * 10 \$9,500

T-8 Lamps, 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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** 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

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	\$3,400	1		
	Exit, Service	50%			2026	\$800	1		
Exterior Lighting									
	HID	5%			2026	\$2,600	10		
	No Component	95%							
Lightning Protection									
	Arresters/Cabling								
	Not Accessible	100%							
Alarm									
	Fire/Smoke Detection								
	No Component	90%							
	Generic, Analog	10%	Now	\$5,700	2031		* *		
	Devices Missing, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Local/Battery Operated Detect, Extent : Severe, Area Affected : 100%								
	Location : Throughout								

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%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Throughout							
		Explanation : Located In Adjacent Building							
Conversion Equipment									
	Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Throughout							
		Explanation : Located In Adjacent Building							
Distribution									
	Not Accessible	100%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Throughout							
		Explanation : Located In Adjacent Building							

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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

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								
Terminal Devices								
Convactor/Radiator	50%	Now	\$32,700	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+	\$2,800	2024	\$5,700	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	\$21,100	
<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	\$11,400	
Exhaust Fans								
Interior	100%			2026	\$15,300	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>								

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 39/LADDER CO. 16 (COMBINED FACILITY)
Asset # : 13027

Mechanical		Current Repair		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 Electric	100%			2019	\$2,100	4	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 2nd Floor							
		Explanation : 1 - 120 Gallon Unit Used As Backup							
	Sanitary Piping Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s) Rigid Piping	100%			2026	\$11,800	4	\$2,500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Garage							
		Explanation : Duplex Unit							
	Fixtures Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	15%							
	No Component	85%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Kitchen							
		Explanation : System							

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE
Address : 42 SOUTH STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIRSECO.004 / 13003 **Yr Built/Renovated** : 1987 /
Area Sq Ft : 15,750 **Project Type** : FIRE DEPARTMENT
Date of Survey : 15-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Floors 1,2,3
Block : 35 **Lot** : 1 **BIN** : 1000867

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$80,000	\$64,700
Interior Architecture		\$58,600
Electrical		\$64,300
Mechanical	\$39,600	
Total	\$119,700	\$187,600
Importance Code A	\$80,000	\$64,700
Importance Code B	\$39,600	\$122,900
Total	\$119,700	\$187,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$32,100			
Interior Architecture	\$84,800		\$2,100	\$900
Electrical	\$12,500	\$1,100	\$4,200	\$1,100
Mechanical	\$11,700	\$1,700	\$7,900	\$1,300
Total	\$141,100	\$2,800	\$14,200	\$3,300
Importance Code A	\$32,900	\$800	\$800	\$800
Importance Code B	\$71,200	\$2,000	\$13,400	\$2,500
Importance Code C	\$37,000			
Total	\$141,100	\$2,800	\$14,200	\$3,300



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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Granite	45%			LIFE	**	5	\$38,800		
Metal Panel	10%			2046	**	5-10	\$39,600		
Wood Overhead Doors	45%	Now	\$80,000	2039	**	5	\$64,700		
Paint Peeling, Extent : Light, Area Affected : 5%									
Location : Various Locations									
Worn/Eroded, Extent : Moderate, Area Affected : 100%									
Location : Front Of Building									
Windows									
Aluminum	50%	2-4	\$6,900	2042	**	5	\$200		
Worn/Eroded, Extent : Light, Area Affected : 50%									
Location : Front Of Building									
Metal Louvers	50%	Now	\$5,900	2035	**				
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%									
Location : 3rd Floor									
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%									
Location : 3rd Floor									
Roof									
Not Accessible	100%								
Interior									
Floors									
Cast in Place Concrete	55%	0-2	\$2,600	LIFE	**	5	\$28,300		
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%									
Location : Entry Stair									
Paint Peeling, Extent : Light, Area Affected : 10%									
Location : 3rd Floor Corridor.									
Ceramic Tile	10%			2029	**	5	\$2,400		
Worn/Eroded, Extent : Light, Area Affected : 50%									
Location : Various Locations									
Quarry Tile	5%			2039	**	5	\$1,800		
Worn/Eroded, Extent : Light, Area Affected : 10%									
Location : Various Locations									
Vinyl Tile	30%	Now	\$2,900	2026	\$58,600	3	\$2,600		
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Various Locations									
Worn/Eroded, Extent : Light, Area Affected : 25%									
Location : Various Locations									
Interior Walls									
Ceramic Tile	10%	Now	\$4,800	2029	**	5	\$1,800		
Broken/Missing Elements, Extent : Light, Area Affected : 5%									
Location : Various Locations									
Worn/Eroded, Extent : Light, Area Affected : 5%									
Location : 2nd Floor Bathroom.									
Gypsum Board	45%			LIFE	**	5-10	\$27,500		
SGFT/Glazed Masonry	40%			LIFE	**	10	\$7,200		
Wood	5%			LIFE	**	5	\$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. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE
Asset # : 13003

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

Interior

Ceilings

AcousTileSusp.Lay-In 30% Now \$11,200 2039 * * 5 \$3,500

Broken/Missing Elements, Extent : Moderate, Area Affected : 25%

Location : 2nd Floor

Staining/Discoloring, Extent : Moderate, Area Affected : 50%

Location : 2nd Floor

Exposed Struc: Steel 40% LIFE * * 10 \$18,800

Fiber Board

15% Now \$4,500 2026 \$22,500

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

Location : 3rd Floor Laundry Room.

Explanation : Exposed Silver / Foil Insulation Delaminated And Punctured.

Gypsum Board 15% LIFE * * 5-10 \$12,100

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

Under 600 Volts

Service Equipment

Fused Disc Sw 100% 2046 * * 5 \$100

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

Location : Electrical Room

Explanation : 800 Amps, 480v, 3 Phase

Raceway

Conduit 80% 2026 \$24,500 1

Conduit 20% 2036 * * 1

Panelboards

Molded Case Bkrs 25% 2034 * * 5 \$100

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

Location : Electrical Room

Explanation : 800a Main Panel

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 \$64,300 1 \$6,100

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

Location : Mechanical Room

Explanation : 250 Kva, 480v

*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. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE
Asset # : 13003

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
Stand-by Power								
Batteries								
Lead/Acid	100%			2019	\$1,500	5	\$600	
Fuel Storage								
Day Tank	100%			2034	* *	5	\$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 85 Gallons.								
Lighting								
Interior Lighting								
Fluorescent	100%			2031	* *	10	\$14,400	
Motion Sensors in Use, Extent : Light, Area Affected : 70%								
Location : Throughout								
T-8 Lamps, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Service	50%			2026	\$3,800	1		
Exit, Service	50%			2026	\$900	1		
Exterior Lighting								
HID	10%			2026	\$5,800	10		
No Component	90%							
Alarm								
Fire/Smoke Detection								
No Component	93%							
Generic, Analog	7%	Now	\$11,200	2036	* *			
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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	2%			2046	* *	1		
Natural Gas	98%			2046	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2039	* *	1	\$7,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 3rd Floor								
Explanation : Direct Vent Boiler								
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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** Replacement cost estimated to be beyond ten years is not included in this report.

FIRE DEPARTMENT - 057
ENGINE CO. 4/LADDER CO. 15 (COMBINED FACILITY) HIGH RISE
Asset # : 13003

Mechanical		Current 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%			2048	* *	1		
	Conversion Equipment								
	Int Pkg Unit - Cooling	50%	2-4	\$39,600	2030	* *	2	\$400	
		R-22 Refrigerant, Extent : Light, Area Affected : 100%							
		Location : 3rd Floor							
		Other Observation, Extent : Moderate, Area Affected : 30%							
		Location : 3rd Floor							
		Explanation : No Insulation On Outside Air Ducts.							
	Split Unit	50%			2031	* *			
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2	\$25,600	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$13,900	
	Exhaust Fans								
	Interior	100%			2031	* *	2	\$500	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
	Water Heater								
	Gas Fired	100%			2021	\$3,600	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 3rd Floor							
		Explanation : Indirect Fired From Boiler / 1 - 120 Gallon Unit							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
		Malfunctioning, Extent : Moderate, Area Affected : 10%							
		Location : Basement							
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Basement							
		Explanation : During Rain Sanitary Backs Up Into Fire Station							
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 48 DIVISION 7 COMMAND CENTER
Address : 2417 WEBSTER AVENUE
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSECO.048 / 13036 **Yr Built/Renovated** : 1977 / 2010
Area Sq Ft : 11,300 **Project Type** : FIRE DEPARTMENT
Date of Survey : 19-Sep-2011 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 3025 **Lot** : 25 **BIN** : 2011061

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$63,000	
Electrical	\$64,300	\$47,700
Total	\$127,300	\$47,700
Importance Code A	\$63,000	
Importance Code B	\$64,300	\$47,700
Total	\$127,300	\$47,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$9,600	\$3,900	\$13,000	
Interior Architecture	\$7,100			\$800
Electrical	\$30,800	\$12,000	\$800	\$800
Mechanical	\$2,200	\$2,400	\$3,000	\$2,400
Total	\$49,700	\$18,300	\$16,900	\$4,000
Importance Code A	\$14,900	\$4,500	\$13,600	\$600
Importance Code B	\$33,700	\$13,800	\$3,300	\$3,400
Importance Code C	\$1,100			
Total	\$49,700	\$18,300	\$16,900	\$4,000



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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 48 DIVISION 7 COMMAND CENTER
Asset # : 13036

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	0-2	\$2,700	LIFE	**	5	\$4,800	
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Various Locations</i>								
Masonry: Brick	75%			LIFE	**	5	\$14,500	
Metal Panel	10%			2033	**	5-10	\$13,300	
Metal Sect. OHD	10%			2036	**	5	\$6,100	
Windows								
Aluminum	100%	Now	\$6,900	2045	**	5	\$800	
<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>								
Parapets								
Masonry: Brick	90%			LIFE	**	5	\$1,400	
Metal Panel	10%			2043	**	5	\$600	
Roof								
Roll Roofing	100%			2019	\$63,000	5	\$26,000	
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	**	5	\$16,400	
Ceramic Tile	5%			2032	**	5	\$800	
Quarry Tile	10%			2036	**	5	\$2,500	
Vinyl Tile	40%	2-4	\$5,500	2031	**	3	\$2,500	
<i>Worn/Eroded, Extent : Light, Area Affected : 50%</i>								
<i>Location : Second Floor Corridor, Bunk Room, Locker Room</i>								
Interior Walls								
Ceramic Tile	10%			2032	**	5	\$2,300	
Concrete Masonry Unit	30%			LIFE	**	5	\$2,800	
Gypsum Board	20%			LIFE	**	5	\$2,800	
SGFT/Glazed Masonry	40%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	60%			2036	**	5	\$10,000	
Exposed Concrete	40%			LIFE	**	5	\$1,000	

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%	0-2	\$4,700	2053	**	5	\$100	
<i>Obsolete Equipment, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Apparatus Floor</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	\$47,700	5		

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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. 48 DIVISION 7 COMMAND CENTER
Asset # : 13036

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	65%			2023	\$19,900	1		
	Conduit	35%			2043	* *	1		
Panelboards									
	Molded Case Bkrs	65%	0-2	\$24,500	2048	* *	5	\$100	
Obsolete Equipment, Extent : Severe, Area Affected : 100%									
Location : Throughout Firehouse									
On Extended Life, Extent : Severe, Area Affected : 100%									
Location : Throughout									
	Molded Case Bkrs	35%			2039	* *	5	\$100	
Wiring									
	Thermoplastic	65%			2023	\$17,600	1		
	Thermoplastic	35%			2043	* *	1		
Motor Controllers									
	Locally Mounted	100%			2021	\$14,100	5	\$100	
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$200	
Stand-by Power									
Transfer Switches									
	Automatic	100%			2036	* *	1	\$3,500	
Generators									
	Diesel	100%			2019	\$64,300	1	\$4,400	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : 17.5 Kw									
Batteries									
	Lead/Acid	50%			2017	\$700	5	\$200	
	No Component	50%							
Lighting									
Interior Lighting									
	Fluorescent	99%			2028	* *	10	\$10,300	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Mostly T-8									
	Incandescent	1%			2018	\$700	2		
Egress Lighting									
	Emergency, Battery	65%			2023	\$9,700	10	\$1,800	
	Exit, Battery	35%			2028	* *	10	\$300	
Exterior Lighting									
	HID	50%			2023	\$20,800	10		
	No Component	50%							

Mechanical		Current Repair			Future Replacement		Maintenance		
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
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	
Heating									
Energy Source									
Natural Gas	100%			2043	* *	1			
Conversion Equipment									
Hot Water Boiler	100%			2040	* *	1	\$5,600		
Distribution									
Hot Wtr Piping/Pump	100%			2045	* *	4	\$800		
Terminal Devices									
Convactor/Radiator	100%			2040	* *	1	\$3,700		
Air Conditioning									
Energy Source									
Electricity	100%			2039	* *	1			
Conversion Equipment									
Ext Pkg Unit - Cooling	75%	Now	\$800	2028	* *	2	\$400		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Roof								
	Explanation : Split Units Replaced Exterior Package Unit. Out Of Service Unit Should Be Removed.								
No Component	25%								
Distribution									
Ductwork/Diffusers	25%			LIFE	* *	2	\$3,700		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 2nd Floor								
	Explanation : Serves Bunk Area								
No Component	75%								
Terminal Devices									
Fan Coil - Cooling	25%			2028	* *	1	\$900		
No Component	75%								
Heat Rejection									
Remote Air Cond	75%			2028	* *	2	\$5,900		
No Component	25%								
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,300		
Exhaust Fans									
Roof	100%			2028	* *	2	\$300		
Plumbing									
H/C Water Piping									
Brass/Copper	100%			2043	* *	1			
	No Water Meter, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
Water Heater									
Gas Fired	100%			2022	\$2,600	2	\$200		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 2nd Floor								
	Explanation : 2-75 Gallon Units								
Sanitary Piping									
Cast Iron	100%			LIFE	* *	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.

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

FIRE DEPARTMENT - 057
ENGINE CO. 48 DIVISION 7 COMMAND CENTER
Asset # : 13036

Mechanical		Current 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%							
Fire Suppression									
	Sprinkler								
	No Component	75%							
	Generic	25%			2043	* *	1-2	\$800	
Other Observation, Extent : Light, Area Affected : 100%									
Location : 2nd Floor									
Explanation : Partial System Serves Command Center And Corridors									

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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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 50/LADDER CO. 19
Address : 1155 WASHINGTON AVENUE
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSECO.050 / 13037 **Yr Built/Renovated** : 1975 /
Area Sq Ft : 11,344 **Project Type** : FIRE DEPARTMENT
Date of Survey : 20-Sep-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 2388 **Lot** : 45 **BIN** : 2001584

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$42,300
Electrical		\$79,900
Total		\$122,200
Importance Code A		\$42,300
Importance Code B		\$79,900
Total		\$122,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$4,900			
Interior Architecture	\$15,700	\$1,300		\$600
Electrical	\$3,000	\$8,900	\$900	\$800
Mechanical	\$32,900	\$19,300	\$2,200	\$1,900
Total	\$56,400	\$29,400	\$3,100	\$3,300
Importance Code A	\$5,400	\$700	\$600	\$600
Importance Code B	\$51,000	\$28,700	\$2,600	\$2,700
Importance Code C				
Total	\$56,400	\$29,400	\$3,100	\$3,300



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

Maintenance \$ are aggregated over a ten-year period. 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

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	85%			LIFE	* *	5	\$16,000	
Metal Sect. OHD	15%			2036	* *	5	\$8,800	
Windows								
Aluminum	100%	Now	\$400	2039	* *	5	\$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$1,400	
Masonry: Brick	90%			LIFE	* *	5	\$1,600	
Roof								
Roll Roofing	65%	Now	\$1,400	2022	\$27,500	5	\$5,700	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Weight Room								
Roll Roofing	35%			2022	\$14,800	5	\$6,100	
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$18,400	
Ceramic Tile	10%			2026	\$31,800	5	\$1,700	
Quarry Tile	10%			2028	* *	5	\$2,500	
Vinyl Tile	30%	2-4	\$8,400	2031	* *	3	\$1,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Second Floor								
Interior Walls								
Ceramic Tile	10%			2026	\$16,900	5	\$600	
Concrete Masonry Unit	60%			LIFE	* *	5	\$1,500	
Plaster	10%			LIFE	* *	5	\$200	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	55%	0-2	\$7,300	2028	* *	5	\$4,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen, Chiefs Office And Bunk Room								
Exposed Concrete	15%			LIFE	* *	5	\$400	
Gypsum Board	30%			LIFE	* *	5	\$6,300	

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%			2033	* *	5	\$300	
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	* *	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. 50/LADDER CO. 19
Asset # : 13037

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%			2033	* *	1		
	Panelboards								
	Molded Case Bkrs	80%			2039	* *	5	\$200	
	Molded Case Bkrs	20%			2031	* *	5	\$100	
	Wiring								
	Thermoplastic	100%			2033	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2028	* *	5	\$100	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2021	\$4,700	1	\$3,500	
	Generators								
	Diesel	100%			2026	\$64,300	1	\$4,400	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 17.5 Kw								
	Batteries								
	Lead/Acid	100%			2017	\$1,500	5	\$400	
	Fuel Storage								
	Day Tank	50%			2022	\$400	5	\$1,100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 25 Gallons								
	Main Tank	50%			2026	\$700	5	\$200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 247.5 Gallons								
Lighting									
	Interior Lighting								
	Fluorescent	75%			2028	* *	10	\$7,800	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Mostly T-8								
	Fluorescent	22%			2023	\$15,600	10	\$2,300	
	HID	1%			2023	\$400	10		
	Incandescent	2%			2023	\$1,400	2		
	Egress Lighting								
	Emergency, Service	100%			2023	\$5,500	1		
	Exterior Lighting								
	HID	30%			2023	\$12,600	10		
	No Component	70%							

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

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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 50/LADDER CO. 19
Asset # : 13037

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2043	* *	1		
	Conversion Equipment								
	Hot Water Boiler	100%			2040	* *	1	\$5,600	
	Distribution								
	Hot Wtr Piping/Pump	100%			2039	* *	4	\$600	
	Terminal Devices								
	Convactor/Radiator	90%			2040	* *	1	\$3,300	
	Fan Coil Unit/Heat	10%	Now	\$3,300	2023	\$16,600	1	\$300	
	Malfunctioning, Extent : Moderate, Area Affected : 100%								
	Location : 1st Floor								
Air Conditioning									
	Energy Source								
	Electricity	100%			2039	* *	1		
	Conversion Equipment								
	Int Pkg Unit - Cooling	20%	0-2	\$28,500	2028	* *	2	\$100	
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location : 2nd Floor								
	Explanation : Unit At End Of Useful Life / Uses City Water For Cooling								
	Window/Wall Unit	80%			2018	\$18,200	1		
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,300	
	Exhaust Fans								
	Roof	100%			2028	* *	2	\$300	
Plumbing									
	H/C Water Piping								
	Galv Iron/Steel	100%			2028	* *	1		
	Water Heater								
	Gas Fired	100%			2021	\$2,600	2	\$200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 2 - 75 Gallon Units								
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Rigid Piping	100%			2028	* *	4	\$1,600	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	80%							
	Generic	20%			2049	* *	1-2	\$600	

*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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 53 (COMBINED FACILITY)
Address : 1836 THIRD AVENUE
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIRSECO.053 / 13039 **Yr Built/Renovated** : 1974 / 2011
Area Sq Ft : 10,648 **Project Type** : FIRE DEPARTMENT
Date of Survey : 21-Sep-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 1629 **Lot** : 40 **BIN** : 1051850

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$69,600	\$51,300
Electrical	\$40,000	\$64,300
Total	\$109,600	\$115,600
Importance Code A	\$69,600	\$51,300
Importance Code B	\$40,000	\$64,300
Total	\$109,600	\$115,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				\$10,600
Interior Architecture	\$4,500		\$700	
Electrical	\$100	\$25,600		
Mechanical	\$400	\$11,100	\$4,900	\$400
Total	\$5,000	\$36,700	\$5,600	\$11,000
Importance Code A				\$10,600
Importance Code B	\$3,900	\$36,700	\$5,600	\$400
Importance Code C	\$1,100			
Total	\$5,000	\$36,700	\$5,600	\$11,000



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

Maintenance \$ are aggregated over a ten-year period. 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

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	78%			LIFE	* *	5	\$8,600	
Masonry: Granite	2%			LIFE	* *	5	\$200	
Masonry: Sandstone	10%			LIFE	* *	5	\$800	
Repairs in Progress, Extent : Light, Area Affected : 100%								
Location : Above Apparatus Room Doors								
Wood Overhead Doors	10%			2036	* *	5	\$5,500	
Windows								
Aluminum	100%	Now	\$69,600	2048	* *	5	\$900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Windows Are Very Old, Single-glazed, And Largely Inoperable, Broken Or Missing.								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	\$2,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Masonry: Brick	85%			LIFE	* *	5	\$1,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Roof								
Roll Roofing	100%			2025	\$51,300	5	\$21,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	\$15,700	
Ceramic Tile	10%	Now	\$3,000	2032	* *	5	\$800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : 1st Floor Toilet								
Quarry Tile	5%			2036	* *	5	\$1,200	
Vinyl Tile	35%			2028	* *	3	\$2,100	
Recent Repair Evident, Extent : Light, Area Affected : 30%								
Location : Second Floor								
Wood	5%			2051	* *	5	\$1,500	
Interior Walls								
Ceramic Tile	10%			2032	* *	5	\$2,200	
Concrete Masonry Unit	10%			LIFE	* *	5	\$900	
Gypsum Board	5%			LIFE	* *	5	\$600	
Plaster	30%			LIFE	* *	5	\$1,900	
SGFT/Glazed Masonry	40%			LIFE	* *			
Wood	5%			LIFE	* *	5	\$4,300	

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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. 53 (COMBINED FACILITY)
Asset # : 13039

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								
AcousTileConcealSpLn	40%			2036	* *	5	\$7,800	
	Recent Repair Evident, Extent : Light, Area Affected : 40%							
	Location : First And Second Floors							
Exposed Concrete	50%			LIFE	* *	5	\$1,200	
Plaster	10%	Now	\$400	LIFE	* *	5	\$1,000	
	Water Penetration, Extent : Severe, Area Affected : 60%							
	Location : Apparatus Room And Store Room Below Stair							
Site Enclosure								
Fence/Gates								
Chain link	100%			2043	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			
Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Police Precinct							
	Explanation : Power Systems							
Raceway								
Conduit	100%			2033	* *	1		
Panelboards								
Molded Case Bkrs	100%			2022	\$37,700	5	\$300	
	Obsolete Equipment, Extent : Severe, Area Affected : 100%							
	Location : Throughout Firehouse							
Wiring								
Thermoplastic	100%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	\$100	
Ground								
Grounding Devices								
Not Accessible	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. 53 (COMBINED FACILITY)
Asset # : 13039

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	40%			2023	\$26,700	10	\$3,900	
		Inadequate Ltg Level, Extent : Moderate, Area Affected : 20%							
		Location : Apparatus Floor							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout Firehouse							
		Explanation : Mostly T-8							
	Fluorescent	60%			2018	\$40,000	10	\$5,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout Second Floor							
		Explanation : Mostly T-12							
	Egress Lighting								
	Exit, Service	1%			2018		1		
	No Component	99%							
	Exterior Lighting								
	HID	50%			2018	\$19,600	10		
	No Component	50%							
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Not Accessible	100%							
	Conversion Equipment								
	Not Accessible	100%							
	Distribution								
	Hot Wtr Piping/Pump	100%			2039	* *	4	\$500	
	Terminal Devices								
	Convector/Radiator	100%			2036	* *	1	\$3,400	
Air Conditioning									
	Energy Source								
	Not Accessible	100%							
	Conversion Equipment								
	Window/Wall Unit	50%			2018	\$10,700	1		
	Not Accessible	50%							
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2	\$13,900	
	Terminal Devices								
	Not Accessible	100%							
	Heat Rejection								
	Not Accessible	100%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,900	

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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. 53 (COMBINED FACILITY)
Asset # : 13039

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									
	Exhaust Fans								
	Roof	100%			2028	* *	2	\$300	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2043	* *	1		
	Water Heater								
	Electric	100%			2022	\$1,600	4	\$100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : 2 - 120 Gallon Units								
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Not Accessible	100%							
	Sewage Ejector(s)								
	Not Accessible	100%							
	Backflow Preventer								
	Not Accessible	100%							
	Fixtures								
	Generic	100%							
	Leaking Faucets/Valves/Heads, Extent : Severe, Area Affected : 100%								
	Location : Total House								
	Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
	Location : Total House								
Fire Suppression									
	Sprinkler								
	No Component	90%							
	Generic	10%			2049	* *	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.

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 60/LADDER CO. 17
Address : 341 EAST 143RD STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSECO.060 / 13048 **Yr Built/Renovated** : 1906 /
Area Sq Ft : 11,250 **Project Type** : FIRE DEPARTMENT
Date of Survey : 20-Sep-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2306 **Lot** : 52 **BIN** : 2000656

CAPITAL		FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$468,700	\$54,200
Interior Architecture		\$313,100	\$244,800
Electrical			\$121,200
Mechanical			\$35,400
Total		\$781,800	\$455,700
Importance Code A		\$468,700	\$54,200
Importance Code B		\$215,900	\$270,400
Importance Code C		\$97,200	\$131,000
Total		\$781,800	\$455,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$20,100	\$3,000		
Interior Architecture	\$11,500			\$600
Electrical	\$5,200	\$17,800	\$1,800	\$800
Mechanical	\$19,300	\$7,200	\$3,900	\$1,600
Total	\$56,200	\$28,000	\$5,700	\$2,900
Importance Code A	\$30,800	\$4,100	\$1,100	\$1,100
Importance Code B	\$25,300	\$23,900	\$4,600	\$1,800
Importance Code C				
Total	\$56,200	\$28,000	\$5,700	\$2,900



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

Maintenance \$ are aggregated over a ten-year period. 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		
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%	2-4	\$359,100	LIFE	* *	5	\$30,500	
Spalling, Extent : Moderate, Area Affected : 80%								
Location : Rear And Side Walls								
Masonry: Granite	5%			LIFE	* *	5	\$1,400	
Masonry: Limestone	10%			LIFE	* *	5	\$2,900	
Metal Sect. OHD	5%			2028	* *	5	\$6,000	
Windows								
Aluminum	100%			2031	* *	5	\$2,800	
Parapets								
Cast Stone/Terra Cotta	5%	2-4	\$1,800	LIFE	* *	5	\$1,100	
Cracking/Crumbling, Extent : Light, Area Affected : 70%								
Location : Main Roof								
Masonry: Brick	80%	Now	\$51,300	LIFE	* *	5	\$2,300	
Spalling, Extent : Moderate, Area Affected : 60%								
Location : Main Roof								
Masonry: Sandstone	15%	Now	\$18,400	LIFE	* *	5	\$500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Main Roof								
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Roof								
Built-Up (BUR)	90%			2023	\$54,200	10	\$12,100	
Skylight, Metal/Glass	10%	Now	\$58,300	2043	* *			
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 30%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	45%	Now	\$40,400	LIFE	* *	5	\$17,400	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Slab								
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Apparatus Floor								
Explanation : Apparatus Room Floor Slab Is Old And Needs To Be Replaced								
Ceramic Tile	5%			2026	\$16,700	5	\$900	
Quarry Tile	5%			2036	* *	5	\$1,300	
Vinyl Tile	25%	Now	\$36,700	2033	* *	3	\$1,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor								
Uneven Substrate, Extent : Severe, Area Affected : 50%								
Location : 2nd Floor								
Wood	20%			2026	\$113,900	5	\$6,600	

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. 60/LADDER CO. 17
Asset # : 13048

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	20%			2026	\$131,000	5	\$4,900	
Gypsum Board	5%			LIFE	* *	5	\$700	
Masonry: Brick	35%	0-2	\$97,200	LIFE	* *			
Spalling, Extent : Severe, Area Affected : 80%								
Location : Basement Vault								
Plaster	40%			LIFE	* *	5	\$2,900	
Ceilings								
AcousTileSusp.Lay-In	15%			2036	* *	5	\$2,700	
Embossed Metal	25%	Now	\$7,600	LIFE	* *	5	\$2,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Exposed Concrete	25%	Now	\$138,800	LIFE	* *	5	\$700	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Below Apparatus Floor								
Explanation : Concrete Slab Failed - See Note On Floor Slab								
Plaster	35%	Now	\$4,000	LIFE	* *	5	\$3,900	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 5%								
Location : Second Floor Office								

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	* *	5		
Switchgear / Switchboard								
Fused Disc Sw	100%			2023	\$47,700	5		
Raceway								
Conduit	100%			2023	\$30,600	1		
Panelboards								
Molded Case Bkrs	90%			2031	* *	5	\$300	
Molded Case Bkrs	10%			2022	\$3,800	5		
Obsolete Equipment, Extent : Severe, Area Affected : 10%								
Location : Apparatus Floor								
Wiring								
Braided Cloth	10%	Now	\$2,700	2048	* *	1		
Insulation Aged, Extent : Severe, Area Affected : 10%								
Location : Apparatus Floor Panel board								
Thermoplastic	90%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	

Stand-by Power

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

Maintenance \$ are aggregated over a ten-year period. 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

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
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	* *	1	\$3,500	
Generators								
Diesel	100%			2032	* *	1	\$4,400	
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Outside						
		Explanation : 40 Kw						
Batteries								
Lead/Acid	100%			2017	\$1,500	5	\$400	
Fuel Storage								
Day Tank	100%			2039	* *	5	\$2,100	
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Outside						
		Explanation : 50 Gallons						
Lighting								
Interior Lighting								
Fluorescent	99%			2023	\$69,700	10	\$10,200	
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Throughout						
		Explanation : Mostly T-8						
Incandescent	1%			2023	\$700	2		
Exterior Lighting								
HID	40%			2018	\$16,600	10		
Incandescent	1%			2018	\$400	2		
No Component	59%							
Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	\$10,700	2028	* *	1	\$10,000	
		Other Observation, Extent : Severe, Area Affected : 50%						
		Location : Boiler						
		Explanation : Jacket And Insulation Has Severe Damage						
Distribution								
Steam Piping/Pump	100%			2033	* *	4	\$800	
Terminal Devices								
Convactor/Radiator	100%			2036	* *	1	\$3,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		

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

Maintenance \$ are aggregated over a ten-year period. 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

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									
Conversion Equipment									
	Int Pkg Unit - Cooling	25%			2021	\$35,400	2	\$200	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : 2nd Floor							
		Explanation : Split Unit Serves Bunk Area							
	Window/Wall Unit	25%			2018	\$5,600	1		
	No Component	50%							
Distribution									
	Ductwork/Diffusers	25%			LIFE	* *	2	\$3,700	
	No Component	75%							
Terminal Devices									
	Fan Coil - Cooling	25%			2023	\$10,600	1	\$900	
	No Component	75%							
Heat Rejection									
	Remote Air Cond	25%			2023	\$8,200	2	\$2,000	
	No Component	75%							
Ventilation									
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,300	
Exhaust Fans									
	Interior	50%			2023	\$6,100	2	\$200	
	Roof	50%			2023	\$4,400	2	\$200	
Plumbing									
H/C Water Piping									
	Galv Iron/Steel	100%			2028	* *	1		
Water Heater									
	Gas Fired	100%			2021	\$2,600	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 1- 75 Gallon Unit							
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Submersible	100%			2017	\$6,500	4	\$2,500	
Fixtures									
	Generic	100%							

*Note : 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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 68/LADDER CO. 49
Address : 1160 OGDEN AVENUE
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSECO.068 / 13056 **Yr Built/Renovated** : 1979 /
Area Sq Ft : 10,220 **Project Type** : FIRE DEPARTMENT
Date of Survey : 05-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 2514 **Lot** : 56 **BIN** : 2003268

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$75,300	\$77,500
Electrical	\$64,300	\$75,400
Total	\$139,600	\$152,800
Importance Code A	\$75,300	\$77,500
Importance Code B	\$64,300	\$75,400
Total	\$139,600	\$152,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$18,200			
Interior Architecture	\$2,800			\$800
Electrical	\$31,200	\$1,400	\$1,400	\$1,300
Mechanical	\$5,300	\$35,300	\$7,500	\$5,600
Total	\$57,500	\$36,700	\$8,900	\$7,700
Importance Code A	\$18,700	\$600	\$500	\$500
Importance Code B	\$38,200	\$36,100	\$8,400	\$7,200
Importance Code C	\$700			
Total	\$57,500	\$36,700	\$8,900	\$7,700



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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. 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+	\$75,300	LIFE	* *	5	\$11,700	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : At Overhead Doors And 2nd Floor Front								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	15%			LIFE	* *	5	\$3,500	
Metal Sect. OHD	5%			2036	* *	5	\$3,700	
Windows								
Aluminum	100%	2-4	\$9,600	2031	* *	5	\$600	
Air Infiltration, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 80%								
Location : Screens Missing Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Wire Glass At 1st Floor House Watch Room								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$1,500	
Concrete Masonry Unit	90%	Now	\$8,600	LIFE	* *	5	\$1,900	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Main Roof Parapet								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Main Roof Parapet								
Roof								
Asphalt Shingle	5%			2026	\$2,400	10	\$100	
Modified Bitumen	95%			2023	\$77,500	10	\$13,600	
Blisters, Extent : Moderate, Area Affected : 10%								
Location : All Roofs								
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$13,400	
Ceramic Tile	15%			2032	* *	5	\$2,300	
Quarry Tile	5%			2036	* *	5	\$1,100	
Vinyl Tile	40%	4+	\$1,000	2028	* *	3	\$2,300	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : 2nd Floor								
Interior Walls								
Ceramic Tile	10%			2032	* *	5	\$1,300	
Concrete Masonry Unit	30%			LIFE	* *	5	\$1,600	
Gypsum Board	25%			LIFE	* *	5	\$2,000	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%			2036	* *	5	\$3,100	
Exposed Concrete	75%			LIFE	* *	5	\$1,800	
Gypsum Board	5%			LIFE	* *	5	\$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.

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

Site Enclosure

Fence/Gates

Chain link

100%

2033

* *

Free Standing Walls

Concrete Masonry Unit

100%

2043

* *

Site Pavements

On-Site Walkways

Cast in Place Concrete

100%

2036

* *

Parking/Driveway

Cast in Place Concrete

100%

2036

* *

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

Under 600 Volts

Service Equipment

Molded Case Bkrs

100%

2023

\$4,700

5

\$300

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement Main Electrical Room**Explanation : 400 Amp Main Service Switch*

Raceway

Conduit

100%

2023

\$30,600

1

Panelboards

Molded Case Bkrs

100%

2022

\$37,700

5

\$300

Wiring

Thermoplastic

100%

2033

* *

1

Motor Controllers

Locally Mounted

100%

2021

\$14,100

5

\$100

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement Boiler Room**Explanation : Heating System Controls*

Ground

Grounding Devices

Generic

100%

LIFE

* *

5

\$200

*Other Observation, Extent : Light, Area Affected : 50%**Location : Basement Near Water Main**Explanation : Ground Partially Covered With Insulation*

Stand-by Power

Transfer Switches

Automatic

100%

2021

\$4,700

1

\$3,100

*Other Observation, Extent : Light, Area Affected : 100%**Location : 1st Floor Electrical Room**Explanation : 400 Amp*

Generators

Diesel

100%

2019

\$64,300

1

\$4,000

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : 2nd Floor Heating Room**Explanation : 60 Kw, 75 Kva*

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FIRE DEPARTMENT - 057
ENGINE CO. 68/LADDER CO. 49
Asset # : 13056

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
Stand-by Power								
Batteries								
Lead/Acid	100%			2017	\$1,500	5	\$400	
Fuel Storage								
Day Tank	5%			2031	* *	5	\$100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 2nd Floor Mechanical Room							
	Explanation : 60 Gallon Stand Alone							
Main Tank	95%			2026	\$1,100	5	\$300	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Side Yard							
	Explanation : 1000 Gallon Underground							
Lighting								
Interior Lighting								
Fluorescent	80%			2033	* *	10	\$7,500	
	T-8 Lamps, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Controlled Via Vacancy Sensors							
Fluorescent	20%	Now	\$12,800	2033	* *			
	T-8 Lamps, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Throughout							
	Explanation : Burnt Out							
Egress Lighting								
Emergency, Service	50%			2028	* *	1		
Exit, Service	50%			2023	\$600	1		
Exterior Lighting								
HID	100%			2023	\$37,700	10		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Facade And Side Parking Lot							
	Explanation : Wall Mounted, Controlled Via Switch							
Alarm								
Fire/Smoke Detection								
Generic	30%	Now	\$15,500	2033	* *	1-3	\$1,700	
	Local/Battery Operated Detect, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Explanation : Broken							
Generic	70%			2028	* *	1-3	\$4,400	

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

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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. 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
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2036	* *	1	\$5,100	
Distribution								
Hot Wtr Piping/Pump	100%			2031	* *	4	\$500	
Terminal Devices								
Convactor/Radiator	95%			2036	* *	1	\$3,100	
Unit Heater-Stm/HW	5%			2023	\$3,200	4		
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	35%			2028	* *	2	\$200	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Roof							
	Explanation : Split Units							
Ext Pkg Unit - Cooling	15%			2018	\$6,900	2	\$100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Roof							
	Explanation : Split Unit							
Window/Wall Unit	40%			2018	\$8,200	1		
No Component	10%							
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2	\$6,600	
No Component	50%							
Terminal Devices								
Fan Coil - Cooling	50%	Now	\$700	2023	\$34,600	1	\$1,500	
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : 2nd Floor							
	Explanation : Air Leaks At Vibration Eliminators							
No Component	50%							
Heat Rejection								
Remote Air Cond	35%			2028	* *	2	\$2,500	
Remote Air Cond	15%			2018	\$8,000	2	\$1,100	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,700	
Exhaust Fans								
Roof	100%			2028	* *	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		

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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									
	Water Heater								
	Gas Fired	100%			2021	\$2,300	2	\$200	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : 2nd Floor						
			Explanation : 2 - 75 Gallon Units						
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Backflow Preventer								
	No Component	95%							
	Generic	5%			2028	* *	1		
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : 2nd Floor						
			Explanation : Serves Boiler Only						
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	90%							
	Generic	10%			2043	* *	1-2	\$300	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : 1st And 2nd Floor						
			Explanation : Serves Stairs						
	Chemical System								
	Wet	100%			2021	\$27,800	1-3	\$57,100	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Kitchen						
			Explanation : Serves Cooking Area						

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Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 69
Address : 248 WEST 143rd STREET
Borough : MANHATTAN
Program / Asset # : FIRSECO.069 / 13057
Area Sq Ft : 11,250
Date of Survey : 21-Sep-2011
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2028 **Lot** : 51 **BIN** : 1075491
Agency's Number : N/A
Yr Built/Renovated : 1904 /
Project Type : FIRE DEPARTMENT
Landmark Status : NONE

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$119,300
Interior Architecture		\$66,000
Electrical		\$169,100
Total		\$354,400
Importance Code A		\$119,300
Importance Code B		\$235,100
Total		\$354,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$15,300	\$5,100		
Interior Architecture	\$34,000	\$1,300		\$1,000
Electrical	\$2,600	\$2,500	\$800	\$800
Mechanical	\$9,600	\$3,900	\$6,700	\$1,600
Total	\$61,500	\$12,800	\$7,500	\$3,400
Importance Code A	\$15,900	\$5,800	\$600	\$600
Importance Code B	\$44,500	\$7,000	\$6,900	\$2,800
Importance Code C	\$1,100			
Total	\$61,500	\$12,800	\$7,500	\$3,400



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FIRE DEPARTMENT - 057
ENGINE CO. 69
Asset # : 13057

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	10%			LIFE	**	5	\$3,900	
Masonry: Granite	10%			LIFE	**	5	\$2,900	
Metal Sect. OHD	5%			2036	**	5	\$6,100	
Stucco Cement	75%			2036	**	5	\$72,700	
Windows								
Aluminum	100%	Now	\$5,700	2039	**	5	\$1,400	
<i>Unit Inoperable, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Third Floor</i>								
Parapets								
Copper/Terne	25%			2058	**	5	\$3,000	
Metal Panel	75%			2043	**	5	\$7,200	
Roof								
Roll Roofing	95%			2022	\$46,600	5	\$19,300	
Skylight, Metal/Glass	5%			2043	**	10	\$2,000	
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	**	5	\$17,400	
Quarry Tile	10%			2028	**	5	\$2,700	
Vinyl Tile	45%	2-4	\$13,200	2023	\$66,000	3	\$3,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</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%			2032	**	5	\$2,200	
Gypsum Board	40%			LIFE	**	5	\$5,300	
Masonry: Brick	15%			LIFE	**			
Plaster	35%			LIFE	**	5	\$2,300	
Ceilings								
AcousTileSusp.Lay-In	50%	0-2	\$14,000	2028	**	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%			LIFE	**			
Plaster	25%	0-2	\$5,700	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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

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FIRE DEPARTMENT - 057
ENGINE CO. 69
Asset # : 13057

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2033	* *	5	\$300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 600 Amps. Service							
		Explanation : Basement							
	Switchgear / Switchboard								
	Molded Case Bkrs	100%			2033	* *	5	\$300	
	Raceway								
	Busway	5%			2028	* *	1		
	Conduit	30%			2033	* *	1		
	Conduit	65%			2023	\$19,900	1		
	Panelboards								
	Molded Case Bkrs	5%			2031	* *	5		
	Molded Case Bkrs	95%			2022	\$35,800	5	\$300	
	Wiring								
	Thermoplastic	100%			2033	* *	1		
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$200	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2028	* *	1	\$3,500	
	Generators								
	Diesel	100%			2026	\$64,300	1	\$4,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Outside							
		Explanation : 62 Kw							
	Batteries								
	Lead/Acid	100%			2017	\$1,500	5	\$400	
	Fuel Storage								
	Day Tank	100%			2031	* *	5	\$2,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Outside							
		Explanation : 50 Gallons							
Lighting									
	Interior Lighting								
	Fluorescent	98%			2023	\$69,000	10	\$10,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Mostly T-8							
	Incandescent	2%			2018	\$1,400	2		
	Egress Lighting								
	Emergency, Battery	90%			2023	\$13,300	10	\$2,400	
	Exit, Service	10%			2023	\$100	1		
	Exterior Lighting								
	HID	50%			2023	\$20,700	10		
	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. 69
Asset # : 13057

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	50%	Now		2043	* *	1		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Basement							
	Explanation : Insulation Insufficient							
Natural Gas	50%			2043	* *	1		
Conversion Equipment								
Furnace	50%			2028	* *	1	\$2,800	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Roof							
	Explanation : 3 Rooftop Gas Fired Heating / Cooling Units							
Heat Exchanger	50%			2032	* *	1	\$2,800	
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$3,100	
Steam Piping/Pump	50%			2043	* *	4	\$300	
Terminal Devices								
Convactor/Radiator	100%			2036	* *	1	\$3,600	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%			2028	* *	2	\$600	
Window/Wall Unit	10%			2018	\$2,300	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$14,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,300	
Exhaust Fans								
Interior	100%			2028	* *	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		
	Booster Pump w/Tank, Extent : Light, Area Affected : 100%							
	Location : Basement							
HW Heat Exchanger								
Low Temp	100%			2049	* *	4	\$1,700	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2017	\$6,500	4	\$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	\$700	

*Note : 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. 69
Asset # : 13057

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								
	Generic	100%			2049	* *	1-2	\$3,200	
	Fire Pump								
	Generic	100%			2036	* *	1	\$2,100	

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 7
Address : 100 DUANE STREET
Borough : MANHATTAN
Program / Asset # : FIRSECO.007 / 13006
Area Sq Ft : 18,890
Date of Survey : 15-Jun-2015
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 150 **Lot** : 25 **BIN** : 1001647
Agency's Number : N/A
Yr Built/Renovated : 1905 / 2002
Project Type : FIRE DEPARTMENT
Landmark Status : EXTERIOR LANDMARK

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$315,600	
Interior Architecture	\$58,400	
Electrical		\$135,200
Mechanical		\$239,300
Total	\$374,000	\$374,500
Importance Code A	\$315,600	\$98,300
Importance Code B	\$58,400	\$276,200
Total	\$374,000	\$374,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$30,600		\$9,700	
Interior Architecture	\$153,800		\$3,200	\$2,600
Electrical	\$27,300	\$600	\$600	\$600
Mechanical	\$8,600	\$3,000	\$9,500	\$2,600
Total	\$220,400	\$3,600	\$23,000	\$5,700
Importance Code A	\$32,500	\$1,900	\$11,600	\$1,900
Importance Code B	\$114,200	\$1,700	\$11,400	\$2,900
Importance Code C	\$73,700			\$1,000
Total	\$220,400	\$3,600	\$23,000	\$5,700



Note : 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. 7
Asset # : 13006

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%	Now	\$200,800	LIFE	* *	5	\$31,100	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Rear Wall								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Rear Wall								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
Location : Rear Wall								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Rear Wall								
Masonry: Granite	5%			LIFE	* *	5	\$3,300	
Masonry: Limestone	10%	4+	\$57,700	LIFE	* *	5	\$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Front Wall								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%								
Location : Front Wall								
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	\$8,200	LIFE	* *	5	\$2,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout.								
Masonry: Limestone	15%	0-2	\$3,900	LIFE	* *	5	\$600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Roof								
Modified Bitumen	95%	Now	\$57,100	2031	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Debris Present, Extent : Light, Area Affected : 5%								
Location : At Drains								
Drains Clogged, Extent : Light, Area Affected : 2%								
Location : Over Kitchen Roof.								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : At Drain And Exhaust Fan								
Skylight, Metal/Glass	5%	0-2	\$15,200	2046	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Middle Of 2 Skylights								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Hose Tower								

Note : 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. 7
Asset # : 13006

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	35%			LIFE	**	5	\$43,300	
Ceramic Tile	5%			2035	**	5	\$1,400	
Quarry Tile	5%			2039	**	5	\$2,100	
Vinyl Tile	25%	Now	\$19,300	2031	**	3	\$2,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Various Locations Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Uneven Surface, Extent : Moderate, Area Affected : 30%								
Location : Throughout - Primarily 3rd Floor								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Various Locations Throughout								
Wood	30%	0-2	\$29,900	2041	**	5	\$8,000	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout Bunk Room.								
Recent Replace Evident, Extent : Light, Area Affected : 50%								
Location : Battalion Chief Side And Offices								
Interior Walls								
Ceramic Tile	5%			2035	**	5	\$1,900	
Concrete Masonry Unit	5%			LIFE	**	5	\$1,600	
Gypsum Board	20%			LIFE	**	5-10	\$13,200	
Masonry: Brick	15%	Now	\$24,300	LIFE	**			
Diagonal Cracks, Extent : Moderate, Area Affected : 100%								
Location : Cellar								
Plaster	30%	Now	\$20,000	LIFE	**	5	\$3,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor, Front Wall								
SGFT/Glazed Masonry	25%	Now	\$20,100	LIFE	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor.								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Room								
Ceilings								
AcousTileSusp.Lay-In	15%			2039	**	5	\$4,200	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout								
Embossed Metal	55%	0-2	\$58,400	LIFE	**	5	\$7,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Plaster	30%			LIFE	**	5-10	\$14,600	

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FIRE DEPARTMENT - 057
ENGINE CO. 7
Asset # : 13006

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2036	* *	5	\$100	
		Enclosure Corroded, Extent : Severe, Area Affected : 30%							
		Location : Basement							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 400 Amps							
Raceway									
	Conduit	80%			2026	\$26,800	1		
	Conduit	20%			2036	* *	1		
		Recent Installation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
Panelboards									
	Molded Case Bkrs	75%			2042	* *	5	\$400	
	Molded Case Bkrs	25%			2034	* *	5	\$100	
		Recent Installation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
Wiring									
	Braided Cloth	20%	2-4	\$5,900	2051	* *	1		
		Insulation Aged, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
	Thermoplastic	60%			2036	* *	1		
	Thermoplastic	20%			2036	* *	1		
		Recent Installation, Extent : Light, Area Affected : 100%							
		Location : Basement							
Motor Controllers									
	Locally Mounted	100%			2031	* *	5	\$100	
Ground									
	Grounding Devices								
	Metal Water Pipe	100%	0-2	\$10,200	2046	* *	5	\$300	
		Corroded, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2039	* *	1	\$5,800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Basement							
		Explanation : Used For Portable Generator.							
Lighting									

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** 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
Interior Lighting	Fluorescent	75%			2026	\$97,100	10	\$13,000	
		T-8 Lamps, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Fluorescent	20%			2031	* *	10	\$3,500	
		T-8 Lamps, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	HID	5%			2026	\$4,000	10		
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : 1st Floor							
		Explanation : Apparatus Room							
Egress Lighting									
Emergency, Battery		10%			2031	* *	10	\$500	
		Recent Installation, Extent : Moderate, Area Affected : 100%							
		Location : 3rd Floor							
	Exit, Service	80%			2031	* *	1		
	Exit, Battery	10%			2031	* *	10	\$100	
	Recent Installation, Extent : Moderate, Area Affected : 100%								
	Location : 3rd Floor								
Exterior Lighting									
HID		50%			2026	\$38,100	10		
	No Component	50%							
Alarm									
Fire/Smoke Detection	No Component	50%							
	Generic, Analog	50%	Now	\$10,500	2036	* *			
		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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
Energy Source	Natural Gas	100%			2046	* *	1		
	Conversion Equipment								
Steam Boiler	Steam Boiler	100%			2024	\$98,300	1	\$18,700	
	Distribution								
Steam Piping/Pump	Steam Piping/Pump	100%			2026	\$141,000	4	\$1,400	
	Terminal Devices								
Convector/Radiator	Convector/Radiator	100%			2031	* *	1	\$6,100	
Air Conditioning									
Energy Source	Electricity	100%			2042	* *	1		

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*** 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			
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	\$9,300			
	Window/Wall Unit	40%			2024	\$16,600	1		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : 1st, 2nd And 3rd Floors							
		Explanation : 30 Percent New; 70 Percent Old							
	No Component	50%							
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2	\$30,700	
		Abandoned in Place, Extent : Light, Area Affected : 100%							
		Location : 1st Floor							
Heat Rejection									
	No Component	90%							
	No Component	10%							
Ventilation									
	Exhaust Fans								
	Roof	5%			2026	\$800	2		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1st Floor							
		Explanation : Kitchen Exhaust							
	No Component	95%							
Plumbing									
	H/C Water Piping								
	Galv Iron/Steel	100%			2031	* *	1		
	Water Heater								
	Gas Fired	100%			2024	\$4,700	2	\$300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 74 Gallon Units							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
		Corroded, Extent : Light, Area Affected : 10%							
		Location : Basement							
	Sump Pump(s)								
	Rigid Piping	100%			2031	* *	4	\$1,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Duplex Unit							
	Backflow Preventer								
	No Component	90%							
	Generic	10%			2034	* *	1	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Boiler Room							
		Explanation : At Boiler Only							

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 71/LADDER CO. 55/ DIVISION 6
Address : 720 MELROSE AVE.
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSECO.071 / 13059 **Yr Built/Renovated** : 1975 / 1988
Area Sq Ft : 11,651 **Project Type** : FIRE DEPARTMENT
Date of Survey : 05-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 2377 **Lot** : 1 **BIN** : 2001400

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$125,000
Interior Architecture	\$43,000	\$72,400
Electrical		\$115,400
Total	\$43,000	\$312,700
Importance Code A		\$125,000
Importance Code B	\$43,000	\$187,800
Total	\$43,000	\$312,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$90,600			
Interior Architecture	\$4,600			\$1,100
Electrical	\$11,100	\$1,000	\$1,000	\$800
Mechanical	\$25,100	\$11,300	\$6,300	\$5,600
Elevators/Escalators	\$2,100			
Total	\$133,500	\$12,300	\$7,300	\$7,400
Importance Code A	\$91,100	\$600	\$700	\$600
Importance Code B	\$40,300	\$11,700	\$6,500	\$6,900
Importance Code C	\$2,100			
Total	\$133,500	\$12,300	\$7,300	\$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
ENGINE CO. 71/LADDER CO. 55/ DIVISION 6
Asset # : 13059

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	10%	Now	\$15,500	LIFE	* *	5	\$1,800	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15%							
	Location : At Sides Of Overhead Doors And Side Facade							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
	Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%							
	Location : At Sides Of Overhead Doors							
	Caulking Deteriorated, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
Masonry: Brick	80%			LIFE	* *	5	\$14,100	
Wood Overhead Doors	10%	0-2	\$16,300	2021	\$54,300	5	\$4,400	
	Deteriorated Finish, Extent : Moderate, Area Affected : 40%							
	Location : Throughout							
	Paint Peeling, Extent : Moderate, Area Affected : 40%							
	Location : Center Door							
	Worn/Eroded, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
Windows								
Aluminum	95%	Now	\$33,700	2031	* *	5	\$2,100	
	Broken/Missing Elements, Extent : Severe, Area Affected : 5%							
	Location : Broken Pane At Apparatus Room Ceiling (Covered With Plywood)							
	Condensation Present, Extent : Moderate, Area Affected : 10%							
	Location : House Watch Window, Several High Windows In Apparatus Room							
	Other Observation, Extent : Severe, Area Affected : 10%							
	Location : Apparatus Room							
	Explanation : Motorized Units At Apparatus Room Ceiling Inoperative							
Metal Louvers	5%			2026	\$6,300	10	\$1,400	
Parapets								
Metal Panel	100%	0-2	\$7,700	2043	* *	5	\$4,000	
	Caulking Deteriorated, Extent : Moderate, Area Affected : 50%							
	Location : Metal Coping- Caulk Joints Failing Throughout							
Roof								
Asphalt Shingle	5%			2026	\$3,800	10	\$200	
Built-Up (BUR)	70%	0-2	\$14,100	2023	\$70,700			
	Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 20%							
	Location : Center Section Of Flat Roof							
	Ponding, Extent : Moderate, Area Affected : 20%							
	Location : Lower Roof Areas At Window Levels							
	Recent Repair Evident, Extent : Light, Area Affected : 20%							
	Location : Center Section Of Flat Roof							
	Water Penetration, Extent : Severe, Area Affected : 5%							
	Location : Roof Over Apparatus Room							
Metal Panel	25%	2-4	\$3,100	2028	* *			
	Caulking Deteriorated, Extent : Light, Area Affected : 5%							
	Location : Cap Joints At Metal Panels							

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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. 71/LADDER CO. 55/ DIVISION 6
Asset # : 13059

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	25%			LIFE	* *	5	\$9,500		
Cast in Place Concrete	20%	Now	\$3,500	LIFE	* *	5	\$7,600		
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : Cellar									
Water Penetration, Extent : Severe, Area Affected : 5%									
Location : Telephone Closet In Cellar									
Ceramic Tile	5%			2026	\$16,500	5	\$900		
Vinyl Tile	50%			2023	\$72,400	3	\$4,400		
Interior Walls									
Ceramic Tile	5%			2026	\$31,200	5	\$1,200		
Concrete Masonry Unit	65%			LIFE	* *	5	\$6,000		
Gypsum Board	2%			LIFE	* *	5	\$300		
SGFT/Glazed Masonry	28%			LIFE	* *				
Ceilings									
AcousTileSusp.Lay-In	10%			2036	* *	5	\$1,700		
Exposed Struc: Steel	60%	Now	\$43,000	LIFE	* *				
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%									
Location : Apparatus Room									
Paint Peeling, Extent : Severe, Area Affected : 70%									
Location : Apparatus Room									
Water Penetration, Extent : Severe, Area Affected : 10%									
Location : Apparatus Room									
Gypsum Board	30%			LIFE	* *	5	\$6,500		
Site Enclosure									
Fence/Gates									
Chain link	50%			2033	* *				
Corrosion/Rusting, Extent : Light, Area Affected : 10%									
Location : Throughout									
Iron Picket	30%			2043	* *				
Corrosion/Rusting, Extent : Light, Area Affected : 15%									
Location : Throughout									
Wood	20%			2017	\$2,100				
Free Standing Walls									
Cast in Place Concrete	100%			2058	* *				
Cracking/Crumbling, Extent : Light, Area Affected : 2%									
Location : Front, Near House Watch									
Site Pavements									
On-Site Walkways									
Cast in Place Concrete	100%			2036	* *				
Parking/Driveway									
Asphalt	60%	0-2	\$8,200	2032	* *				
Sinking/Subsiding, Extent : Moderate, Area Affected : 15%									
Location : Rear Parking Area And Side Driveway									
Cast in Place Concrete	40%			2036	* *				

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FIRE DEPARTMENT - 057
ENGINE CO. 71/LADDER CO. 55/ DIVISION 6
Asset # : 13059

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2049	* *	5	\$300	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement Main Electrical Room					
				Explanation : Recently Installed 600 Amp Service Switch					
	Raceway								
	Conduit	100%			2033	* *	1		
	Panelboards								
	Molded Case Bkrs	100%	0-2	\$800	2031	* *	5	\$200	
				Other Observation, Extent : Moderate, Area Affected : 80%					
				Location : Basement Boiler Room					
				Explanation : Panel Covers Removed And Leaning Against Wall					
	Wiring								
	Thermoplastic	100%			2033	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2028	* *	5	\$100	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement Boiler Room					
				Explanation : Controls For Heating System					
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$200	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement Water Main Room					
				Explanation : Recently Installed Service Ground					
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2028	* *	1	\$3,600	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement Rear					
				Explanation : 400 Amp					
	Generators								
	Diesel	100%			2026	\$64,300	1	\$4,500	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement Rear					
				Explanation : 50 Kw, 60 Kva, 3 Phase					
	Batteries								
	Lead/Acid	100%			2017	\$1,500	5	\$400	
	Fuel Storage								
	Day Tank	20%			2022	\$200	5	\$400	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : 2nd Floor Mechanical Room					
				Explanation : Stand Alone 56 Gallon Diesel Fuel					
	Main Tank	80%			2038	* *	5	\$300	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : 550 Gallon Diesel Fuel					

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FIRE DEPARTMENT - 057
ENGINE CO. 71/LADDER CO. 55/ DIVISION 6
Asset # : 13059

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting									
Interior Lighting	Fluorescent	70%			2023	\$51,100	10	\$7,500	
		T-8 Lamps, Extent : Light, Area Affected : 100%							
		Location : Throughout							
	Fluorescent	10%	Now	\$7,300	2033	* *			
		T-8 Lamps, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Throughout							
		Explanation : Burnt Out							
	HID	15%			2023	\$6,800	10	\$100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : Downlights								
Incandescent	5%	0-2	\$400	2033	* *	2			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement T. V. Room, Dining Room, Recreation Room And 1st Floor								
	Explanation : Downlights								
Egress Lighting									
Emergency, Service Exit, Service	50%			2023	\$2,800	1			
	50%			2023	\$600	1			
Exterior Lighting									
HID	100%			2028	* *	10			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Facade, Side Yard And Backyard								
	Explanation : Wall Mounted, Controlled Via Photocell And Time Clock								

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
Energy Source	Natural Gas	100%			2043	* *	1		
Conversion Equipment	Furnace	10%			2023	\$1,400	1	\$600	
	Other Observation, Extent : Light, Area Affected : 100% Location : Outside Members Room Explanation : Exterior Package Heating / Cooling Unit Serves Members Room								
Hot Water Boiler		90%			2028	* *	1	\$5,200	
	Other Observation, Extent : Light, Area Affected : 100% Location : Basement Explanation : 3 Boilers								
Distribution									
	Ductwork/Diffusers	5%			LIFE	* *	2-5	\$300	
	Hot Wtr Piping/Pump	95%			2039	* *	4	\$500	

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FIRE DEPARTMENT - 057
ENGINE CO. 71/LADDER CO. 55/ DIVISION 6
Asset # : 13059

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									
	Terminal Devices								
	Convector/Radiator	100%			2036	**	1	\$3,800	
Air Conditioning									
	Energy Source								
	Electricity	100%			2039	**	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	10%			2023	\$7,500	2	\$100	
	Window/Wall Unit	70%			2017	\$16,400	1		
	No Component	20%							
	Distribution								
	Ductwork/Diffusers	5%			LIFE	**	2	\$800	
	No Component	95%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,500	
	Exhaust Fans								
	Roof	50%	Now	\$1,400	2028	**	2	\$100	
		Other Observation, Extent : Moderate, Area Affected : 30%							
		Location : Roof							
		Explanation : 3 Of 4 Fans Not Running							
	Wall Unit	50%	Now	\$2,600	2028	**	2	\$100	
		Other Observation, Extent : Moderate, Area Affected : 30%							
		Location : Engine Bay							
		Explanation : 2 Of 4 Fans Not Running							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2043	**	1		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 Water Mains- 1 Domestic, 1 Fire							
	Water Heater								
	Gas Fired	100%			2021	\$2,600	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 74 Gallon Units							
	Sanitary Piping								
	Cast Iron	100%			LIFE	**	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1		
	Sump Pump(s)								
	Rigid Piping	100%			2028	**	4	\$1,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Duplex Unit							

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FIRE DEPARTMENT - 057
ENGINE CO. 71/LADDER CO. 55/ DIVISION 6
Asset # : 13059

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									
	Backflow Preventer								
	No Component	95%							
	Generic	5%			2028	* *	1		
Fixtures									
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	85%							
	Generic	15%			2043	* *	1-2	\$500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement And 2nd Floor								
	Explanation : Serves Partial Basement And 2nd Floor Corridor								
Chemical System									
	Wet	100%			2021	\$27,800	1-3	\$57,100	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Kitchen								
	Explanation : Serves Cooking Area								

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Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 73/LADDER CO. 42
Address : 655 PROSPECT AVENUE
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSECO.073 / 13061 **Yr Built/Renovated** : 1900 / 2001
Area Sq Ft : 15,170 **Project Type** : FIRE DEPARTMENT
Date of Survey : 23-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2675 **Lot** : 33 **BIN** : 2094318

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$87,500	\$14,400
Electrical		\$146,200
Mechanical	\$87,900	\$44,400
Total	\$175,400	\$205,000
Importance Code A	\$87,500	\$14,400
Importance Code B	\$87,900	\$190,500
Total	\$175,400	\$205,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$33,500		\$5,200	
Interior Architecture	\$55,200	\$5,300	\$900	\$1,700
Electrical	\$16,900	\$2,500	\$1,300	\$1,100
Mechanical	\$15,800	\$2,200	\$14,500	\$1,800
Elevators/Escalators	\$500			
Total	\$121,900	\$9,900	\$21,800	\$4,500
Importance Code A	\$34,300	\$800	\$6,000	\$800
Importance Code B	\$76,000	\$9,100	\$15,800	\$3,100
Importance Code C	\$11,700			\$700
Total	\$121,900	\$9,900	\$21,800	\$4,500



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FIRE DEPARTMENT - 057
ENGINE CO. 73/LADDER CO. 42
Asset # : 13061

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	75%	Now	\$37,000	LIFE	* *	5	\$25,100	
Expansion Jnt Failure, Extent : Severe, Area Affected : 10%								
Location : Between E73 And L42								
Masonry: Granite	5%	Now	\$9,700	LIFE	* *	5	\$1,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
Location : Front Facade.								
Masonry: Limestone	10%			LIFE	* *	5	\$5,000	
Metal Sect. OHD	10%			2039	* *	5	\$10,500	
Windows								
Aluminum	100%			2042	* *	5	\$3,500	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	\$19,000	
Masonry: Limestone	10%			LIFE	* *	5-10	\$3,800	
Loose Units, Extent : Moderate, Area Affected : 2%								
Location : At Roof Ladder								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Parapet								
Explanation : Roof Ladder Causing Damage To Coping Stone								
Roof								
Asphalt Shingle	10%			2035	* *	10	\$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Addition Behind Building								
Explanation : Additional Storage Building On Property								
Modified Bitumen	70%	Now	\$50,500	2036	* *			
Drains Clogged, Extent : Light, Area Affected : 2%								
Location : Both Roof Drains Need To Be Cleaned.								
Drains Inad/Misposn, Extent : Light, Area Affected : 5%								
Location : Roof Above 2nd Floor Bathroom.								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Upper And Lower Roof								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Upper Roof At Hvac Curb								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Upper Roof At Hvac Curb								
Explanation : Large Amount Of Water Trapped Below Roofing. Roof Is Bubbling								
Modified Bitumen	20%			2026	\$14,400	10	\$2,500	

Interior

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FIRE DEPARTMENT - 057
ENGINE CO. 73/LADDER CO. 42
Asset # : 13061

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	40%			LIFE	* *	5	\$39,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Gymnasium								
Ceramic Tile	5%			2035	* *	5	\$1,100	
Linoleum	5%			2027	* *	3	\$400	
Quarry Tile	5%			2039	* *	5	\$1,700	
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Vinyl Tile	15%			2026	\$28,300	3	\$1,700	
Wood	30%			2061	* *	5	\$12,800	
Deteriorated Finish, Extent : Light, Area Affected : 15%								
Location : Various Locations Throughout								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	\$1,300	
Gypsum Board	25%	Now	\$500	LIFE	* *	5	\$4,000	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Second Floor Locker Room								
Masonry: Brick	25%	Now	\$5,100	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Basement, Truck Side Under Sidewalk.								
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Basement Gymnasium, Truck Side.								
Plaster	20%	4+	\$2,100	LIFE	* *	5	\$1,600	
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : 3rd Floor Stair.								
SGFT/Glazed Masonry	25%			LIFE	* *	10	\$3,400	
Ceilings								
AcousTileSusp.Lay-In	45%			2043	* *	5	\$10,200	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Throughout.								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout								
Exposed Struc: Steel	25%			LIFE	* *	10	\$11,400	
Gypsum Board	20%			LIFE	* *	5-10	\$15,600	
Plaster	10%			LIFE	* *	5-10	\$3,900	
Site Enclosure								
Fence/Gates								
Chain link	100%	Now	\$500	2052	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Rear Of Property								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Rear Of Building								
Explanation : Fence Has Been Vandalized								

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FIRE DEPARTMENT - 057
ENGINE CO. 73/LADDER CO. 42
Asset # : 13061

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

Site Pavements

Parking/Driveway

Cast in Place Concrete

100% Now \$15,900 2039 * *

*Cracking/Crumbling, Extent : Severe, Area Affected : 10%**Location : Front Apron**Other Observation, Extent : Severe, Area Affected : 25%**Location : Front Apron**Explanation : Apron And Street Sinking. Allowing Vehicle To Hit Sidewalk*

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

Under 600 Volts

Service Equipment

Fused Disc Sw

100% 2046 * * 5 \$100

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : 400 Amps.*

Switchgear / Switchboard

Fused Disc Sw

100% 2046 * * 5 \$100

Raceway

Conduit

100% 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 \$400

Stand-by Power

Transfer Switches

Automatic

100% 2043 * * 1 \$4,700

*Recent Installation, Extent : Light, Area Affected : 100%**Location : Basement*

Generators

Diesel

100% 2039 * * 1 \$5,900

*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

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

Stand-by Power

Fuel Storage

Day Tank

100% 2048 * * 5 \$2,800
Other Observation, Extent : Light, Area Affected : 100%
Location : Side Parking Area
Explanation : 225 Gallons

Lighting

Interior Lighting

Fluorescent

95% 2026 \$90,200 10 \$13,200
T-8 Lamps, Extent : Light, Area Affected : 100%
Location : Throughout

Incandescent

5% 2026 \$4,700 2
Other Observation, Extent : Light, Area Affected : 100%
Location : Stair Tower
Explanation : Jellyjars

Egress Lighting

Emergency, Service

50% 2026 \$3,600 1

Exit, Service

50% 2026 \$800 1

Exterior Lighting

HID

100% 2026 \$56,000 10
Other Observation, Extent : Light, Area Affected : 100%
Location : Exterior
Explanation : Photocell Control

Alarm

Fire/Smoke Detection

No Component

90% * *

Generic, Analog

10% 0-2 \$15,300 2036 * *
Other Observation, Extent : Light, Area Affected : 100%
Location : Throughout
Explanation : Obsolete

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

Heating

Energy Source

Natural Gas

100% 2046 * * 1

Conversion Equipment

Furnace

50% 2021 \$9,100 1 \$3,800
Other Observation, Extent : Light, Area Affected : 100%
Location : Roof
Explanation : 6 Gas Fired Heating / Cooling Units. See A C Section For Notes

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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Terminal Devices								
	Convector/Radiator	80%			2039	* *	1	\$3,900	
	Fan Coil Unit/Heat	20%			2026	\$44,400	1	\$1,000	
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	* *	1		
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	90%	2-4	\$87,900	2036	* *	2	\$700	
		Broken, Extent : Severe, Area Affected : 10%							
		Location : 2nd Floor							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Roof							
		Explanation : Units Past Useful Life. Prone To Failures Requires Frequent Repair							
	Split Unit	10%	2-4	\$3,400	2034	* *			
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Basement							
		Explanation : Indoor Unit Old And Insufficient							
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2	\$24,700	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$13,400	
	Exhaust Fans								
	Interior	100%			2031	* *	2	\$500	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
	Water Heater								
	Gas Fired	100%			2025	\$3,400	2	\$200	
		Recent Replace Evident, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 75 Gallon Units							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2019	\$6,500	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.
Estimates are rounded to the nearest hundred dollars.

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 73/LADDER CO. 42
Asset # : 13061

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of 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	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Kitchen									
Explanation : System Serves Cooking Area									

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 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 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$75,400
Electrical		\$78,500
Total		\$153,900
Importance Code A		\$75,400
Importance Code B		\$78,500
Total		\$153,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$46,600		\$3,700	
Interior Architecture	\$52,800		\$900	\$2,900
Electrical	\$1,900	\$900	\$2,400	\$900
Mechanical	\$15,300	\$9,400	\$11,400	\$4,900
Total	\$116,500	\$10,300	\$18,400	\$8,600
Importance Code A	\$47,200	\$600	\$4,300	\$600
Importance Code B	\$51,100	\$9,700	\$14,100	\$6,500
Importance Code C	\$18,200			\$1,500
Total	\$116,500	\$10,300	\$18,400	\$8,600



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

Maintenance \$ are aggregated over a ten-year period. 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

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	85%			LIFE	* *	5	\$24,900	
Exposed Struc: Steel	2%			LIFE	* *	5	\$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Located At Entry And Paved Plaza/ Roof								
Explanation : Steel Awnings								
Metal Sect. OHD	10%			2039	* *	5	\$7,300	
Pre-Cast Concrete	3%			LIFE	* *	5	\$4,600	
Windows								
Aluminum	95%			2042	* *	5	\$2,000	
Glass Block	5%			LIFE	* *	5	\$100	
Parapets								
Concrete Masonry Unit	85%			LIFE	* *	5-10	\$29,400	
Pre-Cast Concrete	15%			LIFE	* *	5	\$11,900	
Roof								
Modified Bitumen	80%			2026	\$75,400	10	\$13,300	
Alligatoring, Extent : Light, Area Affected : 50%								
Location : At Seams, Throughout Main Roof.								
Ponding, Extent : Light, Area Affected : 5%								
Location : Center Main Roof.								
Recent Repair Evident, Extent : Light, Area Affected : 15%								
Location : Main Roof Adjacent To Parapets								
Worn/Eroded, Extent : Light, Area Affected : 75%								
Location : Throughout Main Roof								
Panel/Paver: Cer/Brk	20%			2046	* *	10	\$4,400	
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$3,800	LIFE	* *	5	\$16,400	
Horizontal Cracks, Extent : Light, Area Affected : 20%								
Location : Basement & Apparatus Floor.								
Ceramic Tile	15%			2035	* *	5	\$2,800	
Quarry Tile	5%	Now	\$13,200	2039	* *	5	\$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Kitchen								
Uneven Substrate, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Vinyl Tile	40%			2031	* *	3	\$2,800	
Interior Walls								
Ceramic Tile	15%			2035	* *	5	\$2,900	
Concrete Masonry Unit	45%	Now	\$9,600	LIFE	* *	5	\$3,500	
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Various Locations on Apparatus Floor.								
Other Observation, Extent : Light, Area Affected : 10%								
Location : North And East Walls Of Apparatus Floors, Stair Bulkhead.								
Explanation : Paint Peeling.								
Gypsum Board	40%			LIFE	* *	5-10	\$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
ENGINE CO. 75 /LADDER CO. 33 /BATTALION 19
Asset # : 13063

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 45% Now \$1,300 2039 * * 5 \$4,200

*Broken/Missing Elements, Extent : Light, Area Affected : 2%
Location : 2nd Floor Laundry Room.*

Exposed Concrete 55% Now \$16,200 LIFE * * 5 \$1,600

*Cracking/Crumbling, Extent : Moderate, Area Affected : 4%
Location : Roof Stair Bulkhead And Basement Below Kitchen*

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

Under 600 Volts

Service Equipment

Fused Disc Sw 100% 2046 * * 5 \$100

*Other Observation, Extent : Light, Area Affected : 100%
Location : Basement
Explanation : 600 Amps Service*

Switchgear / Switchboard

Fused Disc Sw 100% 2046 * * 5 \$100

Raceway

Conduit 100% 2046 * * 1

Panelboards

Molded Case Bkrs 100% 2042 * * 5 \$300

Wiring

Thermoplastic 100% 2046 * * 1

Motor Controllers

Locally Mounted 100% 2039 * * 5 \$100

Ground

Grounding Devices

Generic 100% LIFE * * 5 \$400

Stand-by Power

Transfer Switches

Automatic 100% 2031 * * 1 \$3,900

*Other Observation, Extent : Light, Area Affected : 100%
Location : Basement
Explanation : 200 Amps*

Generators

Diesel 100% 2029 * * 1 \$4,900

*Other Observation, Extent : Light, Area Affected : 100%
Location : Building Exterior
Explanation : 64 Kw*

Batteries

Lead/Acid 100% 2019 \$1,500 5 \$500

Fuel Storage

Main Tank 100% 2041 * * 5 \$400

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. 75 /LADDER CO. 33 /BATTALION 19
Asset # : 13063

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	100%			2026	\$78,500	10	\$11,500	
<i>T-8 Lamps, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Building</i>								

Egress Lighting Emergency, Service	50%			2026	\$3,000	1		
Exit, Battery	50%			2021	\$2,200	10	\$400	

Exterior Lighting HID	100%			2031	* *	10		
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Alarm

Fire/Smoke Detection Generic, Digital	100%			2034	* *			
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Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Heating

Energy Source Natural Gas	100%			2046	* *	1		
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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	\$5,500	
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	\$20,400	
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Ventilation

Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,100	
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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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
	Exhaust Fans								
	Roof	100%			2031	* *	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
	Water Heater								
	Gas Fired	100%			2024	\$2,800	2	\$200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 2 - 75 Gallon Units								
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Rigid Piping	100%			2031	* *	4	\$1,600	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : Duplex Unit								
	Backflow Preventer								
	Generic	100%			2031	* *	1	\$800	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Chemical System								
	Generic	100%			2024	\$25,500	1-3	\$50,600	

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 76/LADDER CO. 22 CO-LOCATE (PRECINCT 24)
Address : 145 WEST 100th STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIRSECO.076 / 13064 **Yr Built/Renovated** : 1960 /
Area Sq Ft : 12,803 **Project Type** : FIRE DEPARTMENT
Date of Survey : 26-Sep-2011 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 1855 **Lot** : 5 **BIN** : 1055910

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$66,600
Interior Architecture		\$58,500
Electrical		\$117,800
Total		\$242,900
Importance Code A		\$66,600
Importance Code B		\$176,300
Total		\$242,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$36,500	\$5,600		
Interior Architecture	\$8,200			\$900
Electrical	\$200	\$200		
Mechanical	\$500	\$500	\$1,700	\$500
Total	\$45,400	\$6,200	\$1,700	\$1,400
Importance Code A	\$36,500	\$5,600		
Importance Code B	\$8,800	\$700	\$1,700	\$1,400
Importance Code C				
Total	\$45,400	\$6,200	\$1,700	\$1,400



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

Maintenance \$ are aggregated over a ten-year period. 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	75%			LIFE	* *	5	\$16,700	
Masonry: Granite	5%			LIFE	* *	5	\$800	
Masonry: Limestone	10%			LIFE	* *	5	\$1,700	
Wood Overhead Doors	10%			2028	* *	5	\$11,100	
Windows								
Aluminum	100%	Now	\$22,800	2048	* *	5	\$300	1
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Windows Are Very Old, Corroded, Single-glazed And Inoperable. They Should Be Replaced.								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	\$2,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Masonry: Brick	80%			LIFE	* *	5	\$1,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Roof								
Roll Roofing	100%			2022	\$66,600	5	\$27,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	\$19,300	
Ceramic Tile	10%	0-2	\$1,700	2032	* *	5	\$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Bathroom								
Vinyl Tile	40%	0-2	\$5,800	2023	\$58,500	3	\$2,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Corridor								
Interior Walls								
Ceramic Tile	10%			2026	\$31,000	5	\$1,200	
Gypsum Board	10%			LIFE	* *	5	\$700	
Plaster	20%			LIFE	* *	5	\$700	
SGFT/Glazed Masonry	60%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%	Now	\$700	2040	* *	5	\$900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Women Bathroom								
Exposed Concrete	40%			LIFE	* *	5	\$1,100	
Plaster	50%			LIFE	* *	5	\$5,500	

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

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

** 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
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Raceway								
Conduit	100%			2033	* *	1		
Panelboards								
Molded Case Bkrs	100%			2022	\$37,700	5	\$300	
Wiring								
Thermoplastic	100%			2033	* *	1		
Motor Controllers								
Motor Control Center	100%			2028	* *	5	\$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2023	\$80,200	10	\$11,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Mostly T-8								
Exterior Lighting								
HID	30%			2023	\$14,200	10		
No Component	70%							

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%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Precinct 24								
Explanation : Located In Adjacent Building								
Conversion Equipment								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Precinct 24								
Explanation : Located In Adjacent Building								
Distribution								
Hot Wtr Piping/Pump	100%			2039	* *	4	\$600	
Terminal Devices								
Convactor/Radiator	100%			2036	* *	1	\$4,100	
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2021	\$25,700	1		

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
ENGINE CO. 76/LADDER CO. 22 CO-LOCATE (PRECINCT 24)
Asset # : 13064

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,100	
	Exhaust Fans								
	Interior	50%			2028	* *	2	\$200	
	Roof	50%			2028	* *	2	\$200	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2043	* *	1		
	Water Heater								
	Electric	100%			2021	\$1,900	4	\$100	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : 1st Floor					
				Explanation : 2 - 120 Gallon Units					
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 8
Address : 165 EAST 51st STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIRSECO.008 / 13007 **Yr Built/Renovated** : 1961 /
Area Sq Ft : 9,897 **Project Type** : FIRE DEPARTMENT
Date of Survey : 29-Mar-2012 **Landmark Status** : NONE
Areas Surveyed : Floors 1,2
Block : 1306 **Lot** : 33 **BIN** : 1036462

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$117,100	
Total	\$117,100	
Importance Code A	\$117,100	
Total	\$117,100	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	\$60,500			\$600
Electrical	\$1,400	\$9,600	\$700	\$800
Mechanical	\$700	\$500	\$5,200	\$500
Total	\$62,600	\$10,100	\$6,000	\$2,000
Importance Code A				
Importance Code B	\$52,300	\$10,100	\$6,000	\$2,000
Importance Code C	\$10,400			
Total	\$62,600	\$10,100	\$6,000	\$2,000



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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Granite	60%	2-4	\$67,400	LIFE	* *	5	\$2,200	2
	Cracking/Crumbling, Extent : Severe, Area Affected : 25%							
	Location : Overhead Door Jambs							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Exterior Elevation Street Side							
	Explanation : Missing Engine No. Letters							
Metal Sect. OHD	40%			2036	* *	5	\$6,100	
Windows								
Aluminum	100%	Now	\$49,700	2048	* *	5	\$1,200	
	Air Infiltration, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
Interior								
Floors								
Cast in Place Concrete	45%	0-2	\$27,100	LIFE	* *	5	\$14,600	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 50%							
	Location : Throughout The Apparatus Floor							
	Ponding, Extent : Moderate, Area Affected : 25%							
	Location : Throughout The Apparatus Floor							
	Spalling, Extent : Severe, Area Affected : 25%							
	Location : Throughout Apparatus Floor							
Ceramic Tile	15%	4+	\$800	2032	* *	5	\$1,100	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Shower Base							
	Explanation : Missing Sealant Between Shower Base And Tiles							
Quarry Tile	5%	4+	\$400	2036	* *	5	\$600	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 100%							
	Location : Door Saddle To Kitchen							
Vinyl Tile	35%	0-2	\$17,200	2028	* *	3	\$1,900	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 40%							
	Location : Throughout The 2nd Floor							
	Worn/Eroded, Extent : Moderate, Area Affected : 40%							
	Location : Throughout The Second Floor							
	Other Observation, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
	Explanation : Vinyl Base Is Coming Off At Multiple Locations.							

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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

Interior

Interior Walls

Ceramic Tile	10%	2-4	\$1,100	2032	* *	5	\$1,100
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Cracking/Crumbling, Extent : Moderate, Area Affected : 100%

Location : Cove Base At Bathrooms

Gypsum Board	25%			LIFE	* *	5	\$3,200
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Plaster	15%	0-2	\$1,200	LIFE	* *	5	\$900
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Broken/Missing Elements, Extent : Severe, Area Affected : 50%

Location : Bunk Room

Staining/Discoloring, Extent : Moderate, Area Affected : 50%

Location : Throughout

Other Observation, Extent : Moderate, Area Affected : 5%

Location : 2nd Floor

Explanation : Unfinished Drywall At Multiple Locations

SGFT/Glazed Masonry	50%	4+	\$8,000	LIFE	* *		
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Cracking/Crumbling, Extent : Moderate, Area Affected : 100%

Location : At Pole Entrance Door

Ceilings

AcousTileSusp.Lay-In	30%	2-4	\$4,600	2036	* *	5	\$1,000
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Misaligned/Bulging, Extent : Moderate, Area Affected : 30%

Location : Multiple Locations At The Second Floor

Staining/Discoloring, Extent : Moderate, Area Affected : 75%

Location : Throughout Building

Gypsum Board	5%			LIFE	* *	5	\$400
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Plaster	65%			LIFE	* *	5	\$2,600
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Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Service Equipment

Not Accessible	100%								
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Other Observation, Extent : Light, Area Affected : 0%

Location :

Explanation : Main Service Located In Police Precinct

Raceway

Conduit	100%			2049	* *	1	
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Panelboards

Molded Case Bkrs	100%			2045	* *	5	\$300
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Wiring

Thermoplastic	100%			2049	* *	1	
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Motor Controllers

Motor Control Center	100%			2040	* *	5	\$300
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Other Observation, Extent : Light, Area Affected : 100%

Location : 1st Floor

Explanation : Motorized Door Operators For Garage Doors

Ground

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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground								
Grounding Devices								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : In Police Precinct Or Commercial Building							
Stand-by Power								
Transfer Switches								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : In Police Precinct Or Commercial Building							
Generators								
Not Accessible	100%							
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : In Police Precinct Or Commercial Building							
Fuel Storage								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2028	* *	10	\$9,100	
	T-8 Lamps, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Weight Room							
	Explanation : Lens Is Not Secured Properly							
Egress Lighting								
Emergency, Service	5%			2028	* *	1		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Ceiling Light Fixtures Have Back Up Power - Either Battery Or Generator - Alternate Power Source Not Determined							
Exit, Service	50%			2031	* *	1		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 2nd Floor							
	Explanation : Observed On 2nd Floor							
No Component	45%							
Exterior Lighting								
HID	100%	Now	\$900	2033	* *			
	Malfunctioning, Extent : Severe, Area Affected : 100%							
	Location : Front Exterior							
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Front Exterior							
	Explanation : Operated By Photocell - Photocell May Be Malfunctioning							

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

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

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

Alarm						
Fire/Smoke Detection						
Generic	100%	2031	* *	1-3	\$6,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
<i>Location : Throughout</i>						
<i>Explanation : Complete Fire Alarm System With Bells, Horns, Strobes, Smoke Detectors And Pull Stations</i>						

Heating	
Energy Source	
Not Accessible	100%
<i>Other Observation, Extent : Light, Area Affected : 0%</i>	
<i>Location :</i>	
<i>Explanation : Heating Unit Located In 17 Precinct</i>	

Air Conditioning						
Energy Source						
Not Accessible	100%					
Conversion Equipment						
Not Accessible	100%					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2		\$12,900

Plumbing						
H/C Water Piping						
Brass/Copper	100%	2049	* *	1		
Water Heater						
Electric	100%	2022	\$1,500	4		\$100
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		
Sump Pump(s)						
Not Accessible	100%					

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.
Maintenance \$ are aggregated over a ten-year period. 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
Plumbing									
	Fixtures								
	Generic	100%							
Fire Suppression									
	Standpipe								
	Not Accessible	100%							
	Sprinkler								
	Generic	100%			2043	* *	1-2	\$2,800	
	Fire Pump								
	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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 80/LADDER 23
Address : 503 WEST 139th STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIRSECO.080 / 13066 **Yr Built/Renovated** : 1904 / 2011
Area Sq Ft : 10,667 **Project Type** : FIRE DEPARTMENT
Date of Survey : 02-Apr-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2071 **Lot** : 27 **BIN** : 1075504

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		\$66,800
Total		\$66,800
Importance Code B		\$66,800
Total		\$66,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture		\$12,700		\$7,500
Interior Architecture	\$400		\$1,100	\$2,700
Electrical	\$1,300	\$3,100	\$1,800	\$1,500
Mechanical	\$1,800	\$1,400	\$6,400	\$1,400
Total	\$3,500	\$17,200	\$9,300	\$13,000
Importance Code A	\$1,100	\$13,800	\$1,200	\$8,500
Importance Code B	\$2,500	\$3,400	\$8,100	\$4,500
Importance Code C				
Total	\$3,500	\$17,200	\$9,300	\$13,000



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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$29,100	
Masonry: Limestone	15%			LIFE	* *	5	\$4,400	
Metal Sect. OHD	10%			2040	* *	5	\$12,100	
Windows								
Aluminum	100%			2045	* *	5	\$2,800	
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	\$3,800	
Masonry: Brick	65%			LIFE	* *	5	\$1,600	
Masonry: Limestone	15%			LIFE	* *	5	\$500	
Roof								
Modified Bitumen	97%			2028	* *	10	\$12,700	
Skylight, Metal/Glass	3%			2043	* *	10	\$1,300	
Interior								
Floors								
Cast in Place Concrete	37%			LIFE	* *	5	\$12,900	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Cellar</i>							
Ceramic Tile	5%			2032	* *	5	\$800	
Quarry Tile	3%			2036	* *	5	\$700	
Vinyl Tile	55%			2031	* *	3	\$3,300	
Interior Walls								
Ceramic Tile	30%			2036	* *	5	\$5,700	
Concrete Masonry Unit	10%			LIFE	* *	5	\$800	
Gypsum Board	40%			LIFE	* *	5	\$4,600	
Masonry: Brick	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	35%			2040	* *	5	\$5,400	
Exposed Concrete	20%			LIFE	* *	5	\$500	
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	25%			LIFE	* *	5	\$4,800	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2036	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2036	* *			

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2049	* *	5	\$300	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
	<i>Explanation : 200 Amp</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. 80/LADDER 23
Asset # : 13066

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%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2045	* *	5	\$300	
Wiring								
Thermoplastic	100%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	\$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Automatic Transfer Switches - 150 Amp, 3 Phase And 100 Amp, 3 Phase								
Generators								
Diesel	100%			2036	* *	1	\$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 80 Kw / 100 Kva, 3 Phase, 208/120 V								
Batteries								
Lead/Acid	100%			2018	\$1,500	5	\$400	
Fuel Storage								
Day Tank	10%			2039	* *	5	\$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 100 Gallon Stand Alone								
Main Tank	90%			2051	* *	5	\$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallon Diesel Fuel Tank								
Lighting								
Interior Lighting								
Fluorescent	100%			2023	\$66,800	10	\$9,800	
T-8 Lamps, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Lighting

Exterior Lighting

HID

70%

2028

* *

10

*Other Observation, Extent : Light, Area Affected : 100%**Location : Facade And Side Yard**Explanation : Wall Mounted*

Incandescent

30%

2023

\$10,000

2

*Other Observation, Extent : Light, Area Affected : 100%**Location : Facade**Explanation : Wall Mounted***Alarm**

Fire/Smoke Detection

Generic

100%

2031

* *

1-3

\$6,600

*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout**Explanation : Smoke / Carbon Monoxide Detectors*

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

Heating

Energy Source

Natural Gas

100%

2049

* *

1

Conversion Equipment

Steam Boiler

100%

2040

* *

1

\$10,600

Distribution

Steam Piping/Pump

100%

2049

* *

4

\$800

Terminal Devices

Convactor/Radiator

85%

2040

* *

1

\$2,900

Unit Heater-Stm/HW

15%

2031

* *

4

\$100

Air Conditioning

Energy Source

Electricity

100%

2045

* *

1

Conversion Equipment

Ext Pkg Unit - Cooling

90%

2031

* *

2

\$600

*Other Observation, Extent : Light, Area Affected : 100%**Location : Roof**Explanation : R - 410 A Refrigerant*

No Component

10%

Distribution

Ductwork/Diffusers

90%

LIFE

* *

2

\$12,500

No Component

10%

Ventilation

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

Maintenance \$ are aggregated over a ten-year period. 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			
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	\$5,900	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : Includes Makeup Air And Exhaust For Generator									
Exhaust Fans									
	Roof	100%			2031	* *	2	\$300	
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2049	* *	1		
Water Heater									
	Gas Fired	100%			2022	\$2,400	2	\$200	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : 2 - 75 Gallon Units									
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Rigid Piping	100%			2031	* *	4	\$1,600	
Backflow Preventer									
	No Component	95%							
	Generic	5%			2031	* *	1		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : Serves Boiler									
Fixtures									
	Generic	100%							

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 84
Address : 513 WEST 161st STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIRSECO.084 / 13070 **Yr Built/Renovated** : 1906 /
Area Sq Ft : 11,792 **Project Type** : FIRE DEPARTMENT
Date of Survey : 17-Jun-2015 **Landmark Status** : EXTERIOR LANDMARK
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2120 **Lot** : 46 **BIN** : 1062872

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$43,600	
Electrical		\$63,000
Total	\$43,600	\$63,000
Importance Code A	\$43,600	
Importance Code B		\$63,000
Total	\$43,600	\$63,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$26,800			
Interior Architecture	\$47,100		\$500	\$1,500
Electrical	\$33,200			
Mechanical	\$14,000	\$9,800	\$7,100	\$5,700
Total	\$121,100	\$9,800	\$7,600	\$7,200
Importance Code A	\$27,900	\$1,200	\$1,200	\$1,200
Importance Code B	\$85,500	\$8,700	\$6,500	\$5,500
Importance Code C	\$7,600			\$500
Total	\$121,100	\$9,800	\$7,600	\$7,200



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

Maintenance \$ are aggregated over a ten-year period. 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		
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	\$17,500		
Masonry: Limestone	25%	Now	\$43,600	LIFE	**	5	\$2,500		
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%									
Location : Adjacent To Overhead Doors									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%									
Location : Street Facade									
Vertical Cracks, Extent : Light, Area Affected : 2%									
Location : Front Facade At 1st Floor									
Wood Overhead Doors	10%	Now	\$4,600	2031	**	5	\$3,400		
Broken/Missing Elements, Extent : Light, Area Affected : 15%									
Location : Main Access Door Hardware									
Deteriorated Finish, Extent : Light, Area Affected : 15%									
Location : Base Of Doors									
Windows									
Aluminum	100%			2042	**	5	\$300		
Parapets									
Masonry: Brick	60%			LIFE	**	5-10	\$7,100		
Metal Cornice	25%			2061	**	10	\$1,400		
Stucco Cement	15%	Now	\$7,200	2046	**	5	\$300		
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%									
Location : Located Behind Front Facade									
Roof									
Modified Bitumen	90%			2031	**	10	\$12,800		
Blisters, Extent : Light, Area Affected : 10%									
Location : Throughout									
Worn/Eroded, Extent : Light, Area Affected : 100%									
Location : Throughout									
Skylight, Metal/Glass	10%			2046	**	10	\$4,700		
Interior									
Floors									
Cast in Place Concrete	50%	Now	\$5,500	LIFE	**	5	\$21,500		
Worn/Eroded, Extent : Moderate, Area Affected : 40%									
Location : Epoxy Paint Finish @ Apparatus Floor									
Ceramic Tile	5%	Now	\$400	2035	**	5	\$500		
Broken/Missing Elements, Extent : Light, Area Affected : 1%									
Location : First Floor Bathroom									
Vinyl Tile	40%	Now	\$1,400	2031	**	3	\$2,900		
Broken/Missing Elements, Extent : Light, Area Affected : 5%									
Location : 3rd Floor									
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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Interior

Interior Walls

Ceramic Tile	5%			2035	**	5	\$900	
Masonry: Brick	20%			LIFE	**	10	\$1,100	
Plaster	40%	Now	\$3,200	LIFE	**	5	\$2,300	

Cracking/Crumbling, Extent : Moderate, Area Affected : 15%

Location : Hose Drying Rack/ Bulkhead At Roof Level

SGFT/Glazed Masonry	35%			LIFE	**	10	\$3,300	
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Ceilings

AcousTileSusp.Lay-In	5%			2039	**	5	\$1,000	
Embossed Metal	30%			LIFE	**	5	\$5,300	
Exposed Concrete	20%	Now	\$27,000	LIFE	**	5	\$600	

Cracking/Crumbling, Extent : Moderate, Area Affected : 30%

Location : Basement

Plaster	45%	Now	\$2,500	LIFE	**	5	\$5,500	
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Paint Peeling, Extent : Light, Area Affected : 10%

Location : Throughout Third Floor

Water Penetration, Extent : Light, Area Affected : 5%

Location : 3rd Floor Gymnasium

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2026		\$5,200	5	\$100	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Basement

Explanation : 200 Amps.

Raceway

Conduit	100%			2036	**	1			
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Panelboards

Molded Case Bkrs	20%			2042	**	5	\$100	
Molded Case Bkrs	80%	0-2	\$33,000	2051	**	5	\$100	

On Extended Life, Extent : Light, Area Affected : 100%

Location : Throughout Building

Wiring

Thermoplastic	100%			2036	**	1			
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Motor Controllers

Locally Mounted	100%			2024		\$15,400	5	\$100	
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Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$300		
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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. 84
Asset # : 13070

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	78%			2026	\$63,000	10	\$8,400	
<i>T-8 Lamps, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Building</i>								
Incandescent	2%			2021	\$1,600	2		
LED	20%			2034	* *			
Exterior Lighting								
HID	100%			2031	* *	10		
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%			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								
Ext Pkg Unit - Cooling	20%			2031	* *	2	\$100	
Window/Wall Unit	80%			2021	\$20,700	1		
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	\$3,800	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$10,400	
Exhaust Fans								
Roof	20%			2026	\$2,000	2	\$100	
Wall Unit	80%			2026	\$15,300	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	100%			2021	\$2,900	2	\$200	
<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 Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing									
	Sanitary Piping								
	Cast Iron	50%			LIFE	* *	1		
	Cast Iron	50%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	50%			2017	\$3,600	4	\$1,200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Serves 1 Side Of Basement Only							
	No Component	50%							
	Backflow Preventer								
	Generic	100%			2031	* *	1	\$700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1st Floor							
		Explanation : Piped From Basement Up To 1st Floor							
	Fixtures								
	Generic	100%							
Fire Suppression									
	Chemical System								
	Generic	100%			2024	\$27,900	1-3	\$50,600	

*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.*

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 88
Address : 2223 BELMONT AVENUE
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSECO.088 / 13071 **Yr Built/Renovated** : 1908 /
Area Sq Ft : 12,600 **Project Type** : FIRE DEPARTMENT
Date of Survey : 19-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 3086 **Lot** : 38 **BIN** : 2086781

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$55,900
Interior Architecture	\$148,200	
Electrical		\$168,200
Total	\$148,200	\$224,100
Importance Code A		\$55,900
Importance Code B	\$148,200	\$168,200
Total	\$148,200	\$224,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$70,200		\$4,400	
Interior Architecture	\$55,600		\$5,300	\$3,400
Electrical	\$25,600			\$100
Mechanical	\$10,400	\$9,800	\$6,400	\$12,200
Total	\$161,800	\$9,800	\$16,100	\$15,700
Importance Code A	\$71,400	\$1,200	\$5,600	\$1,200
Importance Code B	\$73,000	\$8,600	\$10,500	\$12,900
Importance Code C	\$17,400			\$1,600
Total	\$161,800	\$9,800	\$16,100	\$15,700



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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick	80%			LIFE	* *	5	\$61,000		
Masonry: Granite	3%			LIFE	* *	5	\$1,700		
Masonry: Limestone	10%			LIFE	* *	5	\$5,700		
	Staining/Discoloring, Extent : Light, Area Affected : 5%								
	Location : Front Facade, 3rd Floor.								
Metal Sect. OHD	7%			2039	* *	5	\$8,300		
Windows									
Aluminum	100%			2042	* *	5	\$3,500		
Parapets									
Masonry: Brick	80%	Now	\$27,000	LIFE	* *	5	\$2,400		
	Spalling, Extent : Moderate, Area Affected : 40%								
	Location : Main Roof								
	Vertical Cracks, Extent : Light, Area Affected : 2%								
	Location : Main Roof								
Masonry: Limestone	20%			LIFE	* *	5-10	\$7,300		
	Staining/Discoloring, Extent : Light, Area Affected : 20%								
	Location : Throughout.								
	Worn/Eroded, Extent : Moderate, Area Affected : 100%								
	Location : Main Roof								
Roof									
Asphalt Shingle	10%			2029	* *	10	\$200		
Built-Up (BUR)	20%	Now	\$600	2026	\$12,600				
	Debris on Roof, Extent : Light, Area Affected : 2%								
	Location : Main Roof.								
	Miss/Damaged Flashings, Extent : Light, Area Affected : 5%								
	Location : Main Roof Bulkhead Door Saddle								
Modified Bitumen	70%			2026	\$55,900	10	\$9,800		
	Alligatoring, Extent : Moderate, Area Affected : 40%								
	Location : Throughout Seams.								
Interior									
Floors									
Cast in Place Concrete	40%	Now	\$23,000	LIFE	* *	5	\$16,500		
	Horizontal Cracks, Extent : Moderate, Area Affected : 20%								
	Location : Apparatus Floor.								
Ceramic Tile	15%			2035	* *	5	\$2,800		
Vinyl Tile	15%			2026	\$23,500	3	\$1,400		
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		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Interior

Interior Walls

Ceramic Tile	10%			2035	**	5		\$3,200	
Gypsum Board	15%			LIFE	**	5-10		\$8,100	
Masonry: Brick	20%			LIFE	**	10		\$1,900	
Marble Panels	20%			LIFE	**	10		\$2,500	
Plaster	25%	Now		\$6,200	LIFE	**	5	\$2,400	

Cracking/Crumbling, Extent : Severe, Area Affected : 100%

Location : Hose Tower

SGFT/Glazed Masonry	10%			LIFE	**	10		\$1,600	
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Ceilings

AcousTileSusp.Lay-In	20%			2031	**	5		\$3,800	
Embossed Metal	30%	Now		\$9,700	LIFE	**	5	\$2,500	

Bent/Warped Elements, Extent : Moderate, Area Affected : 10%

Location : Apparatus

Broken/Missing Elements, Extent : Light, Area Affected : 15%

Location : Apparatus Floor And Hose Tower

Exposed Concrete	25%	Now		\$148,200	LIFE	**	5	\$700	
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Corrosion/Rusting, Extent : Severe, Area Affected : 15%

Location : Concrete Missing, Exposing Beams In Basement Ceiling, Shoring Erected Throughout.

Paint Peeling, Extent : Severe, Area Affected : 60%

Location : Basement.

Spalling, Extent : Severe, Area Affected : 15%

Location : Basement Ceiling Under Jack Hoists

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

Location : Basement.

Explanation : Structurally Insufficient

Plaster	25%			LIFE	**	5-10		\$8,100	
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Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2026		\$4,700	5		\$100
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Other Observation, Extent : Light, Area Affected : 100%

Location : Basement

Explanation : 100 Amp Service Switch

Switchgear / Switchboard

Molded Case Bkrs	100%			2026		\$47,700	5		\$300
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Raceway

Conduit	100%			2026		\$30,600	1		
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Panelboards

Molded Case Bkrs	50%			2042	**	5		\$200	
Molded Case Bkrs	50%			2025		\$18,800	5		\$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. 88
Asset # : 13071

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								
Wiring								
Thermoplastic	100%			2026	\$27,100	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	\$55,200	10	\$8,100	
<i>T-8 Lamps, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Building</i>								
Fluorescent	30%	0-2	\$23,700	2036	* *			
<i>Inadequate Ltg Level, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Exterior Lighting								
HID	100%			2026	\$46,500	10		

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment								
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	\$16,400	1		
No Component	15%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,100	

*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.*

FIRE DEPARTMENT - 057
ENGINE CO. 88
Asset # : 13071

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									
	Exhaust Fans								
	Interior	100%			2031	* *	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
	Water Heater								
	Gas Fired	100%			2024	\$2,900	2	\$200	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 1 - 75 Gallon Unit								
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2020	\$6,500	4	\$2,500	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Chemical System								
	Generic	100%			2024	\$25,500	1-3	\$50,600	

*Note : 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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 90/LADDER CO. 41
Address : 1843 WHITE PLAINS ROAD
Borough : BRONX **Agency's Number** : N/A
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 2017 - 2020	FY 2021 - 2026
Interior Architecture	\$70,000	
Electrical	\$47,700	
Total	\$117,700	
Importance Code B	\$117,700	
Total	\$117,700	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$60,200	\$1,400	\$10,600	
Interior Architecture	\$84,700		\$1,600	\$1,100
Electrical	\$35,100			
Mechanical	\$10,500	\$9,900	\$6,600	\$12,300
Total	\$190,500	\$11,300	\$18,700	\$13,400
Importance Code A	\$66,200	\$2,600	\$11,800	\$1,200
Importance Code B	\$76,900	\$8,700	\$6,300	\$12,200
Importance Code C	\$47,400		\$600	
Total	\$190,500	\$11,300	\$18,700	\$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
ENGINE CO. 90/LADDER CO. 41
Asset # : 13073

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	65%			LIFE	* *	5	\$47,300	
Recent Repair Evident, Extent : Light, Area Affected : 30%								
Location : Front Facade								
Masonry: Granite	7%			LIFE	* *	5	\$3,800	
Masonry: Limestone	7%	Now	\$5,400	LIFE	* *	5	\$1,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Front Facade								
Masonry: Limestone	8%			LIFE	* *	5	\$4,400	
Stucco Cement	3%			2043	* *	5	\$2,700	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Front Facade								
Wood Overhead Doors	10%			2039	* *	5	\$18,200	
Windows								
Aluminum	100%			2034	* *	5	\$3,000	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	\$6,100	
Masonry: Brick	85%			LIFE	* *	5-10	\$12,500	
Metal Panel	5%			2052	* *	5	\$400	
Roof								
Asphalt Shingle	10%	0-2	\$1,500	2029	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%								
Location : Low Roof Over Dining Area (At Skylight) And Kitchen								
Built-Up (BUR)	15%	Now	\$10,100	2036	* *			
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Low Roof Over Dining Area								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Low Roof Over Dining Area								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Low Roof Over Dining Area								
Modified Bitumen	70%			2034	* *	10	\$10,600	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Main Roof								
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		
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	\$32,800	
Ceramic Tile	10%			2039	**	5	\$1,900	
Terrazzo	5%			LIFE	**	5	\$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Terrazzo On Stair Treads								
Vinyl Tile	45%	Now	\$70,000	2036	**	3	\$3,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout.								
Uneven Substrate, Extent : Severe, Area Affected : 15%								
Location : 2nd Floor Bunk Room								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Throughout.								
Interior Walls								
Ceramic Tile	5%			2039	**	5	\$1,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout Bathrooms								
Gypsum Board	15%			LIFE	**	5-10	\$6,600	
Plaster	45%	Now	\$9,100	LIFE	**	5	\$3,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 2nd & 3rd Floor By Storm Leader Located At Front Of Building								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Both Exercise Rooms								
SGFT/Glazed Masonry	35%	Now	\$34,100	LIFE	**			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor.								
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor.								
Ceilings								
AcousTileSusp.Lay-In	10%			2031	**	5	\$1,900	
Embossed Metal	30%			LIFE	**	5	\$5,100	
Exposed Concrete	30%			LIFE	**	5-10	\$7,000	
Gypsum Board	10%	Now	\$1,900	LIFE	**	5	\$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Dining Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Dining Room								
Plaster	20%	Now	\$9,600	LIFE	**	5	\$2,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : All Three Floors By Storm Leader At Front Of Building.								
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Dormitory, Locker Room.								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 2nd & 3rd Floor By Storm Drain Leader Located At Front Of 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. 90/LADDER CO. 41
Asset # : 13073

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Molded Case Bkrs	100%	0-2	\$4,700	2056	* *	5	\$200	
On Extended Life, Extent : Light, Area Affected : 100%									
Location : Basement									
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement									
Explanation : 400 Amp Service									
Switchgear / Switchboard									
	Molded Case Bkrs	100%	0-2	\$47,700	2056	* *	5	\$200	
On Extended Life, Extent : Light, Area Affected : 100%									
Location : Basement									
Raceway									
	Conduit	80%			2026	\$24,500	1		
	Conduit	20%			2046	* *	1		
Panelboards									
	Molded Case Bkrs	20%			2042	* *	5	\$100	
	Molded Case Bkrs	80%	0-2	\$30,100	2051	* *	5	\$100	
On Extended Life, Extent : Light, Area Affected : 100%									
Location : Throughout Building									
Wiring									
	Thermoplastic	100%			2026	\$27,100	1		
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$400	
Lighting									
Interior Lighting									
	Fluorescent	97%			2031	* *	10	\$11,100	
T-8 Lamps, Extent : Light, Area Affected : 100%									
Location : Throughout Building									
	Incandescent	3%			2021	\$2,400	2		
Exterior Lighting									
	HID	50%			2026	\$23,100	10		
	No Component	50%							

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2046	* *	1		
	Conversion Equipment								
	Steam Boiler	100%			2039	* *	1	\$12,400	
	Distribution								
	Steam Piping/Pump	100%			2036	* *	4	\$600	
	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		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								
	Ext Pkg Unit - Heating/Cooling	5%			2031	* *	2		
		R-134a Refrigerant, Extent : Light, Area Affected : 100% Location : Serves Kitchen Only							
	Window/Wall Unit	75%			2021	\$18,900	1		
	No Component	20%							
	Distribution								
	Ductwork/Diffusers	5%			LIFE	* *	2	\$1,000	
	No Component	95%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,100	
	Exhaust Fans								
	Interior	100%			2026	\$13,500	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
	Water Heater								
	Gas Fired	100%			2024	\$2,800	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100% Location : Basement Explanation : 2 - 75 Gallon Units							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Submersible	100%			2020	\$6,500	4	\$2,500	
		Other Observation, Extent : Light, Area Affected : 100% Location : Basement Explanation : 2 - Heavy Duty Duplex Units Used With Under Floor Drainage System							
	Fixtures								
	Generic	100%							
Fire Suppression									
	Chemical System								
	Generic	100%			2024	\$25,500	1-3	\$50,600	

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.

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 91
Address : 240-244 EAST 111th STREET
Borough : MANHATTAN
Program / Asset # : FIRSECO.091 / 13074
Area Sq Ft : 12,298
Date of Survey : 17-Jun-2015
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 1660 **Lot** : 30 **BIN** : 1052473
Agency's Number : N/A
Yr Built/Renovated : 1912 /
Project Type : FIRE DEPARTMENT
Landmark Status : NONE

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	\$243,700	
Electrical		\$114,700
Mechanical	\$58,500	
Total	\$302,100	\$114,700
Importance Code A	\$58,500	
Importance Code B	\$205,900	\$114,700
Importance Code C	\$37,800	
Total	\$302,100	\$114,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$47,200		\$3,400	
Interior Architecture	\$72,300			\$1,000
Electrical	\$24,900			\$200
Mechanical	\$47,700	\$2,400	\$3,700	\$1,600
Total	\$192,100	\$2,400	\$7,100	\$2,800
Importance Code A	\$47,200	\$1,200	\$4,600	\$1,200
Importance Code B	\$122,300	\$1,200	\$2,500	\$1,600
Importance Code C	\$22,600			
Total	\$192,100	\$2,400	\$7,100	\$2,800



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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. 91
Asset # : 13074

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	80%			LIFE	**	5	\$21,700	
Masonry: Limestone	10%			LIFE	**	5	\$2,000	
	Staining/Discoloring, Extent : Light, Area Affected : 15%							
	Location : Front Facade Above 3rd Floor							
Wood Overhead Doors	10%			2039	**	5	\$6,800	
Windows								
Aluminum	100%	2-4	\$2,800	2042	**	5	\$200	
	Worn/Eroded, Extent : Moderate, Area Affected : 15%							
	Location : 1st Floor Apparatus Room							
Parapets								
Cast Stone/Terra Cotta	10%	2-4	\$400	LIFE	**	5	\$1,100	
	Misaligned/Bulging, Extent : Moderate, Area Affected : 5%							
	Location : Various Locations							
	Caulking Deteriorated, Extent : Moderate, Area Affected : 25%							
	Location : Various Locations							
Masonry: Brick	90%	0-2	\$3,700	LIFE	**	5	\$1,300	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
	Location : Various Locations							
	Efflorescence, Extent : Light, Area Affected : 25%							
	Location : Various Locations							
Roof								
Built-Up (BUR)	100%	Now	\$28,500	2034	**			1
	Drains Clogged, Extent : Moderate, Area Affected : 25%							
	Location : Various Locations							
	Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 15%							
	Location : Various Locations							
	Ponding, Extent : Moderate, Area Affected : 15%							
	Location : Near Roof Drains							
	Water Penetration, Extent : Severe, Area Affected : 80%							
	Location : Third Floor At Bulkhead, Second Floor Extension To 240, Kitchen							

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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Cast in Place Concrete	40%	Now	\$48,800	LIFE	* *	5	\$17,500	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
	Location : Apparatus Room Floor								
	Other Observation, Extent : Severe, Area Affected : 70%								
	Location : Apparatus Room								
	Explanation : Structurally Insufficient								
	Ceramic Tile	10%	2-4	\$3,800	2035	* *	5	\$1,000	
	Worn/Eroded, Extent : Moderate, Area Affected : 72%								
	Location : Toilets And Showers Throughout								
	Quarry Tile	10%	0-2	\$5,600	2039	* *	5	\$1,500	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
	Location : Kitchen								
	Worn/Eroded, Extent : Light, Area Affected : 75%								
	Location : Kitchen								
	Vinyl Tile	40%	Now	\$19,900	2031	* *	3	\$3,000	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
	Location : 2nd And 3rd Floor								
	Worn/Eroded, Extent : Moderate, Area Affected : 40%								
	Location : 2nd And 3rd Floor								

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

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

** 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	10%	0-2	\$1,100	2035	* *	5	\$1,000	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 15%							
	Location : Throughout							
	Staining/Discoloring, Extent : Light, Area Affected : 50%							
	Location : Throughout							
Gypsum Board	10%	0-2	\$400	LIFE	* *	5	\$1,200	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
	Location : Gymnasium							
Masonry: Brick	25%	Now	\$37,800	LIFE	* *			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 15%							
	Location : Basement							
	Paint Peeling, Extent : Light, Area Affected : 75%							
	Location : Basement							
	Water Penetration, Extent : Severe, Area Affected : 80%							
	Location : Basement							
Plaster	30%	Now	\$2,300	LIFE	* *	5	\$1,800	
	Cracking/Crumbling, Extent : Severe, Area Affected : 40%							
	Location : Various Locations On 2nd And 3rd Floors							
	Paint Peeling, Extent : Light, Area Affected : 40%							
	Location : Various Locations On 2nd And 3rd Floors							
	Water Penetration, Extent : Severe, Area Affected : 40%							
	Location : Rear Wall Of 240 (Now Vacant)							
SGFT/Glazed Masonry	25%	0-2	\$18,800	LIFE	* *			
	Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
	Location : Apparatus Room							
	Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Apparatus Room							

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** 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	1%	Now		2039	* *	5	\$100	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 85%							
	Location : Pantry							
Exposed Concrete	25%	Now	\$157,100	LIFE	* *	5	\$800	
	Cracking/Crumbling, Extent : Severe, Area Affected : 25%							
	Location : Basement							
	Exposed Reinforcement, Extent : Severe, Area Affected : 15%							
	Location : Basement							
	Spalling, Extent : Severe, Area Affected : 15%							
	Location : Basement							
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Basement							
	Explanation : Structurally Insufficient							
Gypsum Board	10%	Now	\$4,000	LIFE	* *	5	\$2,500	
	Broken/Missing Elements, Extent : Severe, Area Affected : 40%							
	Location : 2nd Floor Corridor							
	Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
	Location : 2nd Floor Toilets							
Plaster	64%	Now	\$16,400	LIFE	* *	5	\$8,000	
	Broken/Missing Elements, Extent : Severe, Area Affected : 20%							
	Location : 3rd Floor							
	Staining/Discoloring, Extent : Moderate, Area Affected : 5%							
	Location : Kitchen							
	Water Penetration, Extent : Severe, Area Affected : 30%							
	Location : 3rd Floor							

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Raceway								
Conduit	100%			2026	\$30,600	1		
Panelboards								
Molded Case Bkrs	100%			2025	\$37,700	5	\$300	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Throughout Firehouse								
Wiring								
Thermoplastic	100%			2026	\$27,100	1		
Motor Controllers								
Locally Mounted	100%			2024	\$14,100	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			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		

Lighting

Interior Lighting
Fluorescent

100%
2026 \$77,000 10 \$11,300
T-8 Lamps, Extent : Light, Area Affected : 100%
Location : Throughout

Exterior Lighting

HID 30% 2021 \$13,600 10
 No Component 70%

Alarm

Fire/Smoke Detection

No Component

Generic, Analog

80%
 20% 0-2 \$24,900 2036 * *
Local/Battery Operated Detect, Extent : Light, Area Affected : 100%
Location : Throughout

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)		

Heating

Energy Source

Natural Gas

100% 2052 * * 1

Conversion Equipment

Steam Boiler

100% 2-4 \$58,500 2046 * * 1 \$11,000
Corroded, Extent : Moderate, Area Affected : 50%
Location : Basement
On Extended Life, Extent : Moderate, Area Affected : 100%
Location : Basement

Distribution

Steam Piping/Pump

100% 4+ \$8,400 2046 * * 4 \$600
Insul. Deteriorating, Extent : Light, Area Affected : 40%
Location : Basement

Terminal Devices

Convactor/Radiator

90% 2-4 \$10,200 2039 * * 1 \$3,200
Damaged, Extent : Light, Area Affected : 30%
Location : Radiator Covers

Unit Heater-Stm/HW

10% 2031 * * 4 \$100

Air Conditioning

Energy Source

Electricity

100% 2042 * * 1

Conversion Equipment

Split Unit

25% 2021 \$13,900

Window/Wall Unit

25% 4+ \$1,200 2024 \$6,200 1

On Extended Life, Extent : Light, Area Affected : 30%
Location : Various Location Throughout

No Component

50%

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FIRE DEPARTMENT - 057
ENGINE CO. 91
Asset # : 13074

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									
	Distribution								
	Ductwork/Diffusers	25%			LIFE	* *	2	\$5,000	
	No Component	75%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$10,900	
	Exhaust Fans								
	Interior	50%			2031	* *	2	\$200	
		Abandoned in Place, Extent : Light, Area Affected : 20%							
		Location : Kitchen Hood Fan							
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Kitchen Hood							
		Explanation : No System							
	Roof	50%	2-4	\$4,800	2036	* *	2	\$200	
		On Extended Life, Extent : Light, Area Affected : 30%							
		Location : Roof							
Plumbing									
	H/C Water Piping								
	Galv Iron/Steel	100%			2031	* *	1		
	Water Heater								
	Gas Fired	100%			2024	\$2,800	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 1 - 75 Gallon Unit							
	Sanitary Piping								
	Cast Iron	100%	0-2	\$13,000	LIFE	* *	1		
		Corroded, Extent : Moderate, Area Affected : 40%							
		Location : Basement							
	Storm Drain Piping								
	Cast Iron	100%	2-4	\$5,000	LIFE	* *	1		
		Corroded, Extent : Moderate, Area Affected : 30%							
		Location : Basement							
	Sump Pump(s)								
	Rigid Piping	100%			2026	\$10,800	4	\$2,500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : 1 Unit On Each Side							
	Backflow Preventer								
	No Component	95%							
	Generic	5%			2034	* *	1		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Serves Boiler Only							
Fixtures									
	Generic	100%							

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 92/LADDER CO. 44
Address : 1259 MORRIS AVENUE BTWN: E.168 ST. - E.169 ST.
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSECO.092 / 13075 **Yr Built/Renovated** : 1912 /
Area Sq Ft : 10,623 **Project Type** : FIRE DEPARTMENT
Date of Survey : 20-Sep-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2450 **Lot** : 40 **BIN** : 2096490

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$41,200
Electrical		\$145,200
Total		\$186,400
Importance Code A		\$41,200
Importance Code B		\$145,200
Total		\$186,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$8,500			
Interior Architecture	\$58,700			\$1,000
Electrical	\$2,500	\$1,500	\$700	\$700
Mechanical	\$10,300	\$1,400	\$6,500	\$1,400
Total	\$80,000	\$2,900	\$7,200	\$3,100
Importance Code A	\$9,000	\$500	\$500	\$500
Importance Code B	\$37,100	\$2,300	\$6,700	\$2,600
Importance Code C	\$33,800			
Total	\$80,000	\$2,900	\$7,200	\$3,100



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. 92/LADDER CO. 44
Asset # : 13075

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	75%			LIFE	**	5	\$28,800	
Masonry: Granite	5%			LIFE	**	5	\$1,400	
Masonry: Limestone	10%			LIFE	**	5	\$2,900	
Wood Overhead Doors	10%			2036	**	5	\$19,200	
Windows								
Aluminum	100%			2031	**	5	\$2,800	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$2,100	
Masonry: Brick	90%			LIFE	**	5	\$2,500	
Roof								
Roll Roofing	100%			2022	\$41,200	5	\$17,000	
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$13,900	
Ceramic Tile	5%			2032	**	5	\$800	
Quarry Tile	5%			2036	**	5	\$1,200	
Vinyl Tile	50%	2-4	\$13,200	2028	**	3	\$3,000	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second And Third Floors</i>								
Interior Walls								
Ceramic Tile	5%			2032	**	5	\$1,100	
Gypsum Board	50%			LIFE	**	5	\$6,600	
Masonry: Brick	20%	0-2	\$33,300	LIFE	**			
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Basement Sidewalk Vaults</i>								
Plaster	5%			LIFE	**	5	\$300	
SGFT/Glazed Masonry	20%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	30%	Now	\$11,300	2036	**	5	\$2,400	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : 2nd And 3rd Floor</i>								
Exposed Struc: Steel	25%			LIFE	**			
Gypsum Board	20%			LIFE	**	5	\$4,000	
Plaster	25%			LIFE	**	5	\$2,500	

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2033	**	5		
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	**	5		
Raceway								
Conduit	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.

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	60%			2031	* *	5	\$200	
Molded Case Bkrs	40%			2022	\$15,100	5	\$100	
Wiring								
Thermoplastic	100%			2033	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2028	* *	1	\$3,300	
Generators								
Diesel	100%			2026	\$64,300	1	\$4,100	
Batteries								
Lead/Acid	100%			2017	\$1,500	5	\$400	
Fuel Storage								
Day Tank	100%			2031	* *	5	\$2,000	
Lighting								
Interior Lighting								
Fluorescent	99%			2023	\$65,800	10	\$9,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Mostly T-8								
Incandescent	1%			2018	\$700	2		
Egress Lighting								
Emergency, Battery	30%			2023	\$4,200	10	\$800	
Exit, Service	20%			2023	\$200	1		
No Component	50%							
Exterior Lighting								
HID	30%			2023	\$11,800	10		
No Component	70%							

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		

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

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

** 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

Mechanical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Heating									
Conversion Equipment									
Furnace	50%			2028	* *	1	\$2,600		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Roof								
	Explanation : 6 Gas Fired Heating / Cooling Units								
Hot Water Boiler	50%			2040	* *	1	\$2,600		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 4 Boilers Piped Together								
Distribution									
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$3,000		
Hot Wtr Piping/Pump	50%			2039	* *	4	\$300		
Terminal Devices									
Convactor/Radiator	100%			2036	* *	1	\$3,400		
Air Conditioning									
Energy Source									
Electricity	100%			2045	* *	1			
Conversion Equipment									
Ext Pkg Unit - Heating/Cooling	100%	Now	\$1,400	2028	* *	2	\$500		
	Malfunctioning, Extent : Light, Area Affected : 10%								
	Location : Roof								
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2	\$13,800		
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,900		
Exhaust Fans									
Interior	100%			2028	* *	2	\$300		
Plumbing									
H/C Water Piping									
Brass/Copper	50%			2049	* *	1			
	Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
	Location : Basement								
Galv Iron/Steel	50%			2040	* *	1			
Water Heater									
Electric	100%			2021	\$1,600	4	\$100		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 2 - 75 Gallon Units								
Sanitary Piping									
Cast Iron	100%			LIFE	* *	1			
Storm Drain Piping									
Cast Iron	100%			LIFE	* *	1			
Sump Pump(s)									
Submersible	100%			2017	\$6,500	4	\$2,500		

*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. 92/LADDER CO. 44
Asset # : 13075

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								
Backflow Preventer								
Generic	100%			2031	* *	1	\$700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2049	* *	1-2	\$3,000	
Fire Pump								
Generic	100%			2036	* *	1	\$2,000	

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : ENGINE CO. 93/LADDER CO. 45
Address : 515 WEST 181st STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIRSECO.093 / 13076 **Yr Built/Renovated** : 1913 / 2003
Area Sq Ft : 21,883 **Project Type** : FIRE DEPARTMENT
Date of Survey : 17-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 2155 **Lot** : 30 **BIN** : 1075518

CAPITAL		FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$36,400	
Interior Architecture		\$35,800	\$35,800
Electrical			\$72,600
Total		\$72,300	\$108,500
Importance Code A		\$36,400	
Importance Code B		\$35,800	\$108,500
Total		\$72,300	\$108,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$62,300		\$22,700	
Interior Architecture	\$153,000		\$3,000	
Electrical	\$3,400	\$800	\$1,200	\$2,300
Mechanical	\$25,900	\$12,000	\$19,200	\$7,000
Total	\$244,600	\$12,800	\$46,100	\$9,300
Importance Code A	\$63,700	\$1,600	\$24,300	\$1,600
Importance Code B	\$126,800	\$11,200	\$21,600	\$7,700
Importance Code C	\$54,100		\$200	
Total	\$244,600	\$12,800	\$46,100	\$9,300



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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. 93/LADDER CO. 45
Asset # : 13076

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	**	5	\$59,800	
Masonry: Granite	5%			LIFE	**	5	\$3,200	
Masonry: Limestone	10%			LIFE	**	5	\$6,400	
	Staining/Discoloring, Extent : Moderate, Area Affected : 40%							
	Location : Throughout							
Wood Overhead Doors	15%			2039	**	5	\$32,000	
Windows								
Aluminum	100%			2042	**	5	\$3,100	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5-10	\$11,500	
Masonry: Brick	75%			LIFE	**	5-10	\$20,700	
	Efflorescence, Extent : Moderate, Area Affected : 5%							
	Location : South Facade Roof Side							
Metal Rail	15%			2039	**	5-10	\$11,000	
Roof								
Roll Roofing	100%	2-4	\$36,400	2028	**	5	\$12,600	
	Blisters, Extent : Light, Area Affected : 15%							
	Location : Throughout Upper Roof							
	Debris Present, Extent : Light, Area Affected : 10%							
	Location : Lower Roof							
	Ponding, Extent : Light, Area Affected : 15%							
	Location : Lower Roof							
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Seams Throughout							
	Explanation : Alligatoring							
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	**	5	\$71,600	
Ceramic Tile	2%	Now	\$1,200	2035	**	5	\$300	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
	Location : Laundry Room & Bathroom.							
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : Throughout							
	Explanation : Grout Staining							
Granite Panels	2%			LIFE	**	5	\$1,000	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Interior Staircase.							
	Explanation : Refers To Stair Treads.							
Terrazzo	4%			LIFE	**	5	\$2,000	
Wood	33%	Now	\$34,800	2054	**	5	\$10,100	
	Deteriorated Finish, Extent : Moderate, Area Affected : 20%							
	Location : 2nd And 3rd Floors At Doorways, Throughout							
Wood	9%			2054	**	5	\$5,500	

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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. 93/LADDER CO. 45
Asset # : 13076

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

Interior

Interior Walls

Ceramic Tile	1%			2039	**	5		\$400	
Concrete Masonry Unit	40%			LIFE	**	5		\$14,100	
Glass: Single Pane	2%			LIFE	**	5		\$1,300	
Gypsum Board	22%			LIFE	**	5-10		\$16,400	

Cracking/Crumbling, Extent : Light, Area Affected : 1%

Location : By Ladder Leading To Roof

Masonry: Brick

18%	Now	\$15,100	LIFE	**					
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Diagonal Cracks, Extent : Light, Area Affected : 1%

Location : South Basement Wall

Efflorescence, Extent : Moderate, Area Affected : 15%

Location : South Basement Wall.

Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 2%

Location : 2nd Floor Bunk Room.

Metal Panel	1%			LIFE	**	10		\$200	
Plaster	5%			LIFE	**	5-10		\$1,900	
Wood	11%			LIFE	**	5		\$38,700	

Ceilings

Exposed Concrete	40%			LIFE	**	5-10		\$16,400	
Exposed Struc: Steel	25%	Now	\$33,700	LIFE	**				

Water Penetration, Extent : Light, Area Affected : 2%

Location : South Side Below Apparatus Floor

Other Observation, Extent : Moderate, Area Affected : 2%

Location : South Side Below Apparatus Floor

Explanation : Rusting Steel

Metal Panel	15%			LIFE	**	5		\$12,300	
Plaster	20%			LIFE	**	5-10		\$11,300	

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

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2046	**	5		\$100	
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Other Observation, Extent : Light, Area Affected : 100%

Location : Basement

Explanation : 400 Amps.

Switchgear / Switchboard

Molded Case Bkrs	100%			2046	**	5		\$600	
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Raceway

Busway	1%			2039	**	1			
Conduit	99%			2046	**	1			

Panelboards

Molded Case Bkrs	100%			2042	**	5		\$600	
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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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	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, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout 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	\$1,700	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	\$72,600	10	\$100	
Incandescent	10%			2021	\$6,900	2		

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2046	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 93/LADDER CO. 45
Asset # : 13076

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	50%	Now	\$300	2026	\$13,100	1	\$4,900	
	Damaged, Extent : Moderate, Area Affected : 50%							
	Location : Bird Screens Missing Or Damaged							
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	
	Damaged, Extent : Moderate, Area Affected : 50%							
	Location : Bird Screens Missing Or Damaged							
	R-22 Refrigerant, Extent : Light, Area Affected : 100%							
	Location : 6 Units On Roof							
Window/Wall Unit	5%			2024	\$2,200	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$35,600	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$19,300	
Exhaust Fans								
Roof	80%			2031	* *	2	\$500	
Wall Unit	20%			2031	* *	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Gas Fired	50%	0-2	\$2,500	2026	\$2,500	2	\$100	
	Leak Evident, Extent : Moderate, Area Affected : 100%							
	Location : Tank							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : 2 - 75 Gallon Units							
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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FIRE DEPARTMENT - 057
ENGINE CO. 93/LADDER CO. 45
Asset # : 13076

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	\$1,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 1 - Duplex Unit, 1 Single Unit							
	Backflow Preventer								
	Generic	100%			2031	* *	1	\$1,300	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	Generic	100%			2046	* *	1-2	\$6,100	
	Chemical System								
	Generic	100%			2024	\$25,500	1-3	\$50,600	

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Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FDNY FIRE MUSEUM
Address : 278 SPRING ST.
Borough : MANHATTAN
Program / Asset # : FIRSMUS.000 / 14345
Area Sq Ft : 21,457
Date of Survey : 26-May-2015
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 579 **Lot** : 11 **BIN** : 1009739
Agency's Number : N/A
Yr Built/Renovated : 1904 / 1999
Project Type : FIRE DEPARTMENT
Landmark Status : EXTERIOR LANDMARK

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$42,300	
Interior Architecture	\$38,600	
Electrical	\$237,600	\$180,600
Total	\$318,600	\$180,600
Importance Code A	\$42,300	
Importance Code B	\$276,200	\$180,600
Total	\$318,600	\$180,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$98,700			
Interior Architecture	\$110,600		\$8,000	\$4,000
Electrical	\$1,600	\$800	\$1,100	\$800
Mechanical	\$30,100	\$3,800	\$12,200	\$10,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$244,900	\$8,600	\$25,300	\$19,300
Importance Code A	\$110,600	\$1,800	\$1,800	\$1,800
Importance Code B	\$108,300	\$6,700	\$23,500	\$17,500
Importance Code C	\$25,900			
Total	\$244,900	\$8,600	\$25,300	\$19,300



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 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		
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	\$50,100		
Masonry: Limestone	15%	Now	\$19,500	LIFE	* *	5	\$5,600		
Staining/Discoloring, Extent : Light, Area Affected : 25%									
Location : Cornice									
Masonry: Limestone	15%			LIFE	* *	5	\$11,300		
Metal Panel	5%			2036	* *	5-10	\$17,200		
Granite Panels	5%			LIFE	* *	5	\$3,800		
Stucco Cement	10%	Now	\$15,500	2031	* *	5	\$6,300		
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Stair And Mechanical Room Roof Bulkheads									
Worn/Eroded, Extent : Moderate, Area Affected : 50%									
Location : Stair And Mechanical Room Bulkheads									
Windows									
Aluminum	90%			2042	* *	5	\$2,500		
Wood	10%	Now	\$8,300	2051	* *	5	\$1,400		
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%									
Location : Roof Bulkheads									
Thermally Inefficient, Extent : Moderate, Area Affected : 100%									
Location : Roof Bulkheads									
Caulking Deteriorated, Extent : Moderate, Area Affected : 100%									
Location : Roof Bulkheads									
Parapets									
Masonry: Brick	60%	Now	\$5,600	LIFE	* *	5	\$1,800		
Staining/Discoloring, Extent : Moderate, Area Affected : 75%									
Location : Throughout									
Masonry: Limestone	40%			LIFE	* *	5-10	\$14,800		
Worn/Eroded, Extent : Light, Area Affected : 15%									
Location : Stone Copings Located On South Side Of Roof									
Roof									
Built-Up (BUR)	95%	Now	\$42,300	2031	* *				
Air/Water Blisters, Extent : Light, Area Affected : 15%									
Location : Various Areas									
Drains Clogged, Extent : Moderate, Area Affected : 25%									
Location : By Front Facade									
Worn/Eroded, Extent : Moderate, Area Affected : 100%									
Location : Main Roof									
Skylight, Metal/Glass	5%	Now	\$2,800	2046	* *				
Other Observation, Extent : Light, Area Affected : 15%									
Location : Memorial Room, 1st Floor									
Explanation : E-coating Is Delaminating On Some Of The Glass Panels									

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

Maintenance \$ are aggregated over a ten-year period. 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Floors									
	Carpet	25%	Now	\$43,800	2025	\$109,600	3	\$12,000	
		Worn/Eroded, Extent : Moderate, Area Affected : 30%							
		Location : 2nd Floor							
	Cast in Place Concrete	43%			LIFE	**	5	\$60,400	
		Cracking/Crumbling, Extent : Light, Area Affected : 20%							
		Location : Various Locations							
	Quarry Tile	2%			2039	**	5	\$1,000	
	Sheet Vinyl/Rubber	5%			2031	**	5	\$2,400	
	Wood	25%			2054	**	5	\$15,100	
Interior Walls									
	Concrete Masonry Unit	25%			LIFE	**	5	\$5,200	
	Gypsum Board	40%			LIFE	**	5-10	\$17,700	
	Masonry: Brick	10%			LIFE	**	10	\$800	
	Plaster	25%	Now	\$11,100	LIFE	**	5	\$1,900	
		Cracking/Crumbling, Extent : Light, Area Affected : 20%							
		Location : Stair Bulkhead At Roof Level							
		Staining/Discoloring, Extent : Moderate, Area Affected : 20%							
		Location : Stair Bulkhead At Roof Level							
Ceilings									
	Exposed Concrete	40%	Now	\$8,800	LIFE	**	5	\$2,000	
		Broken/Missing Elements, Extent : Light, Area Affected : 5%							
		Location : Throughout Basement							
	Gypsum Board	55%			LIFE	**	5-10	\$60,700	
	Plaster	5%			LIFE	**	5-10	\$2,800	
		Cracking/Crumbling, Extent : Light, Area Affected : 20%							
		Location : Penthouse Ceilings							
		Staining/Discoloring, Extent : Moderate, Area Affected : 20%							
		Location : Stair And Equipment Room Bulkheads							
Site Enclosure									
	Fence/Gates								
	Not Accessible	100%							
Site Pavements									
	Parking/Driveway								
	Not Accessible	100%							

Electrical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2026	\$22,200	5	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 1200 Amp.							

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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
FDNY FIRE MUSEUM
Asset # : 14345

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								
Switchgear / Switchboard								
Fused Disc Sw	100%			2026	\$34,800	5	\$100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 1200 Amp.</i>						
Raceway								
Conduit	100%			2026	\$33,500	1		
Panelboards								
Molded Case Bkrs	100%			2034	* *	5	\$600	
Wiring								
Braided Cloth	90%			2025	\$26,700	1		
Thermoplastic	10%			2036	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$600	
Lighting								
Interior Lighting								
Fluorescent	15%			2026	\$41,700	10	\$3,000	
		<i>T-8 Lamps, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
HID	60%			2021		10	\$400	
Incandescent	25%			2021	\$69,500	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	\$69,400	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	\$237,600	2036	* *			
		<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		
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.
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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
FDNY FIRE MUSEUM
Asset # : 14345

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Type									
Heating									
Energy Source									
	Electricity	1%			2046	* *	1		
	Natural Gas	99%			2046	* *	1		
Conversion Equipment									
	Furnace	1%			2031	* *	1	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Home Demonstration Area							
		Explanation : Electric Unit Heaters							
	Furnace	29%			2031	* *	1	\$3,100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Explanation : Roof Top Package Unit, Heat Cool							
	Steam Boiler	50%	Now	\$11,200	2031	* *	1	\$9,600	
		Malfunctioning, Extent : Severe, Area Affected : 20%							
		Location : Basement							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 6 Units Piped In Series							
	Steam Boiler	20%			2039	* *	1	\$4,300	
Distribution									
	Ductwork/Diffusers	30%			LIFE	* *	2-5	\$5,700	
	Steam Piping/Pump	70%			2046	* *	4	\$1,100	
Terminal Devices									
	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	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Explanation : R-410a							
	Split Unit	5%			2031	* *			
	Window/Wall Unit	25%			2021	\$11,800	1		
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2	\$34,900	
Ventilation									
Distribution									
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$18,900	
Exhaust Fans									
	Roof	100%			2026	\$18,200	2	\$700	
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2046	* *	1		

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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
FDNY FIRE MUSEUM
Asset # : 14345

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 Electric	100%			2021	\$3,600	4	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 2nd And 3rd Floor							
		Explanation : 2 40 Gallon Units							
	Sanitary Piping Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s) Submersible	100%			2020	\$7,200	4	\$2,500	
	Fixtures Generic	100%							
Vertical Transport									
	Elevators								
	Geared Traction	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1st To 3rd Floor							
		Explanation : 1 Unit							
Fire Suppression									
	Sprinkler								
	Generic	100%			2052	* *	1-2	\$6,000	

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY 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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$2,344,500	\$278,100
Interior Architecture	\$131,700	
Electrical	\$970,100	\$460,300
Total	\$3,446,300	\$738,300
Importance Code A	\$2,344,500	\$303,400
Importance Code B	\$970,100	\$435,000
Importance Code C	\$131,700	
Total	\$3,446,300	\$738,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture				
Interior Architecture	\$87,900	\$600	\$2,700	\$8,800
Electrical	\$3,000	\$9,200	\$51,000	\$5,900
Mechanical	\$9,400	\$16,500	\$23,900	\$16,500
Total	\$100,300	\$26,300	\$77,500	\$31,300
Importance Code A	\$1,900	\$1,900	\$2,000	\$1,900
Importance Code B	\$69,000	\$24,400	\$75,600	\$29,400
Importance Code C	\$29,400			
Total	\$100,300	\$26,300	\$77,500	\$31,300



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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	\$163,400	LIFE	* *	5	\$148,300	
Caulking Deteriorated, Extent : Moderate, Area Affected : 0%								
Location : At Junction Of Metal Tunnel And Concrete At Auditorium Exit								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Auditorium Exit								
Metal/Glass Curt Wall	20%	Now	\$612,900	LIFE	* *	5	\$37,100	1
Broken/Missing Elements, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Corrosion/Rusting, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Caulking Deteriorated, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Metal Panel	50%	Now	\$173,600	2034	* *	5	\$92,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Along Wall Base								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Along Wall Base								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : At Corridor Adjacent To Wall								
Windows								
Aluminum	100%	Now	\$686,500	2049	* *	5	\$8,400	1
Air Infiltration, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Roof								
Metal Panel	100%	Now	\$708,100	2029	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 50%								
Location : At Corridor Adjacent To Wall								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%								
Location : Along First Floor Corridor								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Along First Floor Corridor								

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
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
Interior								
Floors								
Carpet	15%	0-2	\$42,300	2023	\$105,800	3	\$12,700	
	Worn/Eroded, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
Cast in Place Concrete	13%	Now	\$3,700	LIFE	* *	5	\$16,100	
	Cracking/Crumbling, Extent : Severe, Area Affected : 5%							
	Location : Slab Settlement At Front Entrance							
Ceramic Tile	2%			2033	* *	5	\$1,100	
Vinyl Tile	50%			2029	* *	3	\$14,100	
Vinyl Tile	15%			2032	* *	3	\$4,200	
	Recent Installation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
Wood	5%			2059	* *	5	\$5,300	
Interior Walls								
Cast in Place Concrete	5%	Now	\$44,900	LIFE	* *			
	Cracking/Crumbling, Extent : Severe, Area Affected : 3%							
	Location : First Floor							
Ceramic Tile	5%	2-4	\$19,600	2033	* *	5	\$1,800	
	Cracking/Crumbling, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Concrete Masonry Unit	55%	2-4	\$86,800	LIFE	* *	5	\$16,000	
	Diagonal Cracks, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Gypsum Board	25%	2-4	\$7,400	LIFE	* *	5	\$10,900	
	Cracking/Crumbling, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5%	2-4	\$2,500	LIFE	* *			
	Corrosion/Rusting, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Ceilings								
AcousTileConcealSpLn	5%	2-4	\$2,200	2029	* *	5	\$1,800	
	Cracking/Crumbling, Extent : Light, Area Affected : 10%							
	Location : Throughout							
AcousTileSusp.Lay-In	25%	2-4	\$5,600	2037	* *	5	\$7,100	
	Cracking/Crumbling, Extent : Light, Area Affected : 20%							
	Location : Throughout							
Exposed Struc: Steel	70%			LIFE	* *			
	Corrosion/Rusting, Extent : Light, Area Affected : 40%							
	Location : Throughout							
	Water Penetration, Extent : Light, Area Affected : 10%							
	Location : First Floor Corridor							

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FIRE DEPARTMENT - 057
FIRE ACADEMY ADMINISTRATION BLDG #9
Asset # : 131

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	70%			2024	\$25,300	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 4000 Amps And One 1200 Amps Main Disconnect Switch							
	Fused Disc Sw	30%			2034	* *	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 1200 Amps Main Disconnect Switch For Emergency							
Transformers									
	Dry Type	100%			2029	* *	5	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room							
		Explanation : One 112.5 Kva 220v Primary - 480/277v Secondary							
Switchgear / Switchboard									
	Fused Disc Sw	75%			2024	\$107,400	5	\$100	
	Fused Disc Sw	20%			2034	* *	5		
	Molded Case Bkrs	5%			2054	* *	5	\$100	
Raceway									
	Conduit	85%			2024	\$72,300	1		
	Conduit	10%			2034	* *	1		
	Conduit	5%			2054	* *	1		
Panelboards									
	Fused Disc Sw	10%			2023	\$8,800	5	\$100	
	Molded Case Bkrs	85%			2023	\$74,500	5	\$900	
	Molded Case Bkrs	5%			2049	* *	5	\$100	
Wiring									
	Thermoplastic	10%			2034	* *	1		
	Thermoplastic	85%			2024	\$97,800	1		
	Thermoplastic	5%			2054	* *	1		
Motor Controllers									
	Locally Mounted	10%			2029	* *	5		
	Motor Control Center	90%			2022	\$83,100	5	\$1,000	
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$600	
Stand-by Power									
Transfer Switches									
	Automatic	50%			2022	\$4,400	1	\$6,200	
	Under Construction	50%							
Generators									
	Diesel	50%			2020	\$35,700	1	\$7,800	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Generator Room							
		Explanation : One 281 Kva							
	Under Construction	50%							

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FIRE DEPARTMENT - 057
FIRE ACADEMY ADMINISTRATION BLDG #9
Asset # : 131

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
Stand-by Power								
Batteries								
Lead/Acid	50%			2017	\$700	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 Gals</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	\$256,800	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	\$6,400	1		
Emergency, Service	30%			2029	* *	1		
Exit, Service	35%			2019	\$4,300	1		
Exterior Lighting								
HID	100%			2019	\$149,100	10	\$100	
Alarm								
Security System								
Generic	100%	Now	\$119,500	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	\$409,000	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		
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%			2034	* *	5	\$11,700	

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FIRE DEPARTMENT - 057
FIRE ACADEMY ADMINISTRATION BLDG #9
Asset # : 131

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2041	**	1	\$18,700	
		Recent Replace Evident, Extent : Light, Area Affected : 100%						
		Location : Boiler Room						
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Boiler Room						
		Explanation : 2 Units						
Distribution								
Hot Wtr Piping/Pump	100%			2032	**	4	\$1,900	
Terminal Devices								
Air Handler	70%			2032	**	1	\$16,400	
Convactor/Radiator	30%			2029	**	1	\$3,700	
Air Conditioning								
Energy Source								
Electricity	100%			2032	**	1		
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2032	**	1	\$17,500	
		R-134a Refrigerant, Extent : Light, Area Affected : 100%						
		Location : Court Yard						
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	\$29,400	2	\$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	**	1		
Water Heater								
Electric	100%			2023	\$5,700	4	\$200	
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	

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FIRE DEPARTMENT - 057
FIRE ACADEMY ADMINISTRATION BLDG #9
Asset # : 131

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name	: FIRE ACADEMY BURN BUILDING #5		
Address	: RANDALLS ISLAND		
Borough	: MANHATTAN	Agency's Number	: N/A
Program / Asset #	: FIR0003.013 / 13554	Yr Built/Renovated	: 2003 /
Area Sq Ft	: 6,083	Project Type	: FIRE DEPARTMENT
Date of Survey	: 22-Jul-2013	Landmark Status	: NONE
Areas Surveyed	: Roof, Floors 1,2		
Block	: 1819	Lot	: 40
		BIN	: 1085912

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Electrical		\$66,000
Total		\$66,000
Importance Code B		\$66,000
Total		\$66,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture			\$8,400	\$100
Interior Architecture				
Electrical	\$100			
Mechanical	\$100		\$100	
Total	\$100		\$8,500	\$100
Importance Code A			\$8,400	\$100
Importance Code B	\$100		\$100	
Importance Code C				
Total	\$100		\$8,500	\$100



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

Maintenance \$ are aggregated over a ten-year period. 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
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout**Explanation : 2 Story Bldg, No Basement*

Masonry: Brick	95%		LIFE	* *	5	\$15,400
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Windows

Aluminum	50%		2040	* *	5	\$200
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Metal Louvers	50%		2033	* *	10	\$1,500
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Parapets

Not Accessible	100%					
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Roof

Modified Bitumen	100%		2029	* *	10	\$8,400
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Interior

Floors

Cast in Place Concrete	100%		LIFE	* *	5	\$19,900
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Interior Walls

Cast in Place Concrete	20%		LIFE	* *		
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Concrete Masonry Unit	80%		LIFE	* *	5	\$2,500
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Ceilings

Exposed Concrete	100%		LIFE	* *	5	\$1,400
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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	

Under 600 Volts

Raceway

Conduit	100%		2034	* *	1	
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Panelboards

Molded Case Bkrs	100%		2032	* *	5	\$200
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Wiring

Thermoplastic	100%		2034	* *	1	
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Motor Controllers

Locally Mounted	100%		2029	* *	5	
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Lighting

Interior Lighting

Fluorescent	100%		2024	\$66,000	10	\$5,600
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout**Explanation : Using Compact Fluorescent Lamps*

Exterior Lighting

HID	100%		2024	\$22,400	10	
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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
FIRE ACADEMY BURN BUILDING #5
Asset # : 13554

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									
	Exhaust Fans								
	Roof	100%			2029	* *	2	\$200	
Plumbing									
	H/C Water Piping								
	Galv Iron/Steel	10%			2037	* *	1		
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : 1st & 2nd Floors							
		Explanation : Standpipe Only							
	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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY CLASSROOM BLDG. #11
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.011 / 13552 **Yr Built/Renovated** : 2003 /
Area Sq Ft : 39,768 **Project Type** : FIRE DEPARTMENT
Date of Survey : 22-Jul-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,3,4
Block : 1819 **Lot** : 40 **BIN** : 1085910

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$46,000	\$157,900
Electrical	\$36,500	
Mechanical		\$143,400
Total	\$82,500	\$301,300
Importance Code A	\$46,000	\$157,900
Importance Code B	\$36,500	\$143,400
Total	\$82,500	\$301,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$4,300		\$49,400	\$6,700
Interior Architecture	\$17,900	\$1,500		\$7,400
Electrical	\$5,100	\$4,200	\$6,800	\$5,500
Mechanical	\$6,800	\$6,400	\$26,800	\$7,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$38,000	\$16,100	\$87,000	\$30,900
Importance Code A	\$6,300	\$2,000	\$51,900	\$8,600
Importance Code B	\$31,800	\$14,100	\$35,100	\$22,300
Importance Code C				
Total	\$38,000	\$16,100	\$87,000	\$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
FIRE ACADEMY CLASSROOM BLDG. #11
Asset # : 13552

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

Exterior

Exterior Walls

Masonry: Brick	50%			LIFE	**	5		\$35,100	
Metal Panel	35%			2044	**	5-10		\$168,800	
Window Wall	15%			2044	**	5		\$39,500	

Windows

Aluminum	100%			2040	**	5		\$13,300	
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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	
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Interior

Floors

Carpet	5%			2023		\$37,100	3	\$6,000	
Cast in Place Concrete	10%			LIFE	**	5		\$13,000	
Ceramic Tile	5%			2033	**	5		\$3,000	
Vinyl Tile	80%			2029	**	3		\$23,800	

Interior Walls

Concrete Masonry Unit	45%			LIFE	**	5		\$5,800	
Gypsum Board	35%			LIFE	**	5		\$6,800	
Masonry: Brick	13%			LIFE	**				
Metal Panel	7%			LIFE	**				

Ceilings

AcousTileSusp.Lay-In	35%			2037	**	5		\$20,900	
Exposed Struc: Steel	50%			LIFE	**				
Metal Panel	15%			LIFE	**	5		\$11,200	

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

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2044	**	5		\$1,000	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : One 1200 Amps Main Disconnect Switch

Switchgear / Switchboard

Molded Case Bkrs	100%			2044	**	5		\$1,000	
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Raceway

Conduit	100%			2044	**	1			
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Panelboards

Fused Disc Sw	10%			2040	**	5		\$100	
Molded Case Bkrs	90%			2040	**	5		\$900	

Wiring

Thermoplastic	100%			2044	**	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
FIRE ACADEMY CLASSROOM BLDG. #11
Asset # : 13552

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									
	Motor Controllers								
	Locally Mounted	100%			2037	* *	5	\$300	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$600	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2037	* *	1	\$12,200	
Lighting									
	Interior Lighting								
	Fluorescent	80%			2029	* *	10	\$29,200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-8 Lamps							
	Fluorescent	20%			2029	* *	10	\$7,300	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
		Explanation : T-5 Lamps							
Egress Lighting									
	Emergency, Service	50%			2029	* *	1		
	Emergency, Battery	15%			2029	* *	10	\$1,400	
	Exit, LED	35%			2052	* *	1		
Exterior Lighting									
	HID	100%			2029	* *	10	\$100	
Alarm									
	Security System								
	No Component	50%							
	Generic	50%			2029	* *	1	\$7,400	
Fire/Smoke Detection									
	Generic	100%			2029	* *	1-3	\$25,300	

Mechanical		Current Repair		Future Replacement		Maintenance		
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	\$12,300	
Conversion Equipment								
Hot Water Boiler	100%			2037	* *	1	\$19,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units - Also Serviing Adjacent Building #12 As Well.								
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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	80%			2029	* *	1	\$19,700	
Convector/Radiator	20%			2037	* *	1	\$2,600	
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	80%			2024	\$143,400	2	\$2,000	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Roof							
	Explanation : 2 Units							
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$22,200	
Exhaust Fans								
Roof	100%	Now	\$1,500	2024	\$30,900	2	\$1,000	
	Noisy/Vibrating, Extent : Severe, Area Affected : 60%							
	Location : Roof							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater								
Oil Fired	100%			2019	\$12,000	1	\$1,200	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Boiler Room							
	Explanation : Two 250 Gallon Tanks							
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	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 1-4							
	Explanation : One Unit							
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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY FIRE TRAINING BLDG #3
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.020 / 1989 **Yr Built/Renovated** : 1975 /
Area Sq Ft : 4,150 **Project Type** : FIRE DEPARTMENT
Date of Survey : 22-Jul-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 1819 **Lot** : 40 **BIN** :

CAPITAL**Total**

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$59,900			
Interior Architecture	\$43,400			
Electrical		\$100	\$15,300	
Mechanical			\$100	
Total	\$103,300	\$100	\$15,400	
Importance Code A	\$59,900			
Importance Code B	\$35,600	\$100	\$15,400	
Importance Code C	\$7,800			
Total	\$103,300	\$100	\$15,400	



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

Maintenance \$ are aggregated over a ten-year period. 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		
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	\$10,000	LIFE	* *	5	\$3,400	
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%							
	Location : Penthouse							
Metal Coiling Doors	10%	4+	\$2,100	2037	* *	5	\$600	
	Deformed/Dented, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Windows								
Aluminum	100%	Now	\$19,500	2049	* *	5	\$200	1
	Bent/Warped Elements, Extent : Severe, Area Affected : 50%							
	Location : Throughout							
	Broken/Missing Elements, Extent : Severe, Area Affected : 50%							
	Location : Throughout							
Parapets								
Cast Stone/Terra Cotta	10%	0-2	\$300	LIFE	* *	5	\$300	
	Cracking/Crumbling, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Masonry: Brick	90%	0-2	\$1,100	LIFE	* *	5	\$400	
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%							
	Location : Throughout							
Roof								
Skylight, Metal/Glass	3%	0-2	\$3,500	2044	* *			
	Broken/Missing Elements, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Water Penetration, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Traffic Topping	97%	Now	\$23,400	2034	* *			
	Cracking/Crumbling, Extent : Severe, Area Affected : 50%							
	Location : Throughout							
	Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%							
	Location : Main Roof							
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location : Second Floor							
Interior								
Floors								
Cast in Place Concrete	100%	2-4	\$6,600	LIFE	* *	5	\$14,100	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
Interior Walls								
Concrete Masonry Unit	100%	4+	\$7,800	LIFE	* *	5	\$2,900	
	Staining/Discoloring, Extent : Moderate, Area Affected : 25%							
	Location : Stairs							
	Other Observation, Extent : Moderate, Area Affected : 20%							
	Location : Stairs							
	Explanation : Deteriorated Finsh							

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

Maintenance \$ are aggregated over a ten-year period. 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Interior

Ceilings

Exposed Concrete

100%

2-4

\$29,000

LIFE

* *

5

\$700

*Water Penetration, Extent : Moderate, Area Affected : 10%**Location : Second Floor*

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%

2034

* *

1

Panelboards

Molded Case Bkrs

100%

2023

\$21,900

5

\$100

Wiring

Thermoplastic

100%

2024

\$18,100

1

Lighting

Exterior Lighting

HID

100%

2019

\$15,300

10

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

Galv Iron/Steel

10%

2029

* *

1

*Other Observation, Extent : Light, Area Affected : 10%**Location : 2 Floors**Explanation : For Demonstration - Standpipe Only*

No Component

90%

Storm Drain Piping

Cast Iron

100%

LIFE

* *

1

*Other Observation, Extent : Light, Area Affected : 10%**Location : 1, 2, Roof**Explanation : Roof Drains Only*

Fire Suppression

Standpipe

No Component

90%

Generic

10%

2034

* *

1-5

\$200

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY 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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$46,100	
Interior Architecture	\$50,600	
Electrical	\$92,000	\$102,800
Total	\$188,800	\$102,800
Importance Code A	\$46,100	
Importance Code B	\$142,600	\$102,800
Total	\$188,800	\$102,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$27,900			
Interior Architecture	\$149,500			\$4,000
Electrical	\$300	\$400	\$10,500	\$300
Mechanical	\$5,200	\$900	\$19,200	\$1,200
Total	\$182,900	\$1,300	\$29,700	\$5,500
Importance Code A	\$28,400	\$500	\$500	\$500
Importance Code B	\$116,900	\$800	\$29,200	\$5,000
Importance Code C	\$37,600			
Total	\$182,900	\$1,300	\$29,700	\$5,500



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

Maintenance \$ are aggregated over a ten-year period. 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		
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%	2-4	\$46,100	LIFE	* *	5	\$7,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood Overhead Doors	10%	Now	\$8,100	2037	* *	5	\$2,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : North Facade								
Windows								
Aluminum	100%	2-4	\$9,000	2040	* *	5	\$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Parapets								
Masonry: Brick	95%	2-4	\$5,400	LIFE	* *	5	\$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Pre-Cast Concrete	5%	2-4	\$100	LIFE	* *	5	\$300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Modified Bitumen	100%	Now	\$5,300	2032	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Carpet	50%	Now	\$93,100	2026	\$93,100	3	\$11,200	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Cast in Place Concrete	30%	2-4	\$4,600	LIFE	* *	5	\$9,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	2-4	\$1,400	2033	* *	5	\$400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	15%	Now	\$1,900	2029	* *	3	\$800	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
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.

Maintenance \$ are aggregated over a ten-year period. 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		
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%	2-4	\$2,200	2033	* *	5	\$400
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Cracking/Crumbling, Extent : Light, Area Affected : 10%
Location : Throughout

Concrete Masonry Unit	60%	2-4	\$21,700	LIFE	* *	5	\$4,000
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Cracking/Crumbling, Extent : Light, Area Affected : 10%
Location : Throughout

Gypsum Board	15%	2-4	\$1,000	LIFE	* *	5	\$1,500
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Cracking/Crumbling, Extent : Light, Area Affected : 10%
Location : Throughout

SGFT/Glazed Masonry	20%	2-4	\$12,600	LIFE	* *		
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Cracking/Crumbling, Extent : Light, Area Affected : 10%
Location : Throughout

Ceilings

AcousTileSusp.Lay-In	60%	2-4	\$50,600	2044	* *	5	\$3,200
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Broken/Missing Elements, Extent : Moderate, Area Affected : 5%
Location : Meter Room

Cracking/Crumbling, Extent : Moderate, Area Affected : 25%
Location : Room 1

Water Penetration, Extent : Moderate, Area Affected : 10%
Location : Room 1

Exposed Struc: Steel	25%	4+	\$11,000	LIFE	* *		
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Corrosion/Rusting, Extent : Light, Area Affected : 10%
Location : Throughout

Gypsum Board	15%			LIFE	* *	5	\$2,000
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Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

Under 600 Volts**Service Equipment**

Fused Disc Sw	100%			2024	\$2,500	5	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Two 400 Amps Main Disconnect Switch

Switchgear / Switchboard

Fused Disc Sw	100%			2024	\$47,700	5	
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Raceway

Conduit	100%			2024	\$13,600	1	
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Panelboards

Fused Disc Sw	10%			2023	\$2,200	5	
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Molded Case Bkrs	90%			2023	\$19,700	5	\$200
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Wiring

Thermoplastic	100%			2024	\$18,100	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
FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8
Asset # : 1992

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								
Motor Controllers								
Locally Mounted	100%			2022	\$44,300	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2022	\$21,500	1	\$3,000	
Lighting								
Interior Lighting								
Fluorescent	85%			2019	\$92,000	10	\$7,800	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout The Building							
	Explanation : T-12 Lamps							
Fluorescent	10%			2024	\$10,800	10	\$900	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Garage							
	Explanation : Using T-8 Lamps							
HID	5%			2024	\$3,900	10		
Egress Lighting								
Emergency, Service	50%			2019	\$2,400	1		
No Component	50%							
Exterior Lighting								
Not Accessible	100%							

Mechanical		Current Repair		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								
Fuel Oil No 2	100%			2034	* *	5	\$3,100	
Conversion Equipment								
Hot Water Boiler	100%			2029	* *	1	\$4,900	
	Boiler Used For Hot Water, Extent : Light, Area Affected : 100%							
	Location : Boiler Room							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Boiler Room							
	Explanation : 1 Unit							
Distribution								
Hot Wtr Piping/Pump	100%			2032	* *	4	\$500	
Terminal Devices								
Air Handler	20%			2024	\$10,500	1	\$1,200	
Convactor/Radiator	70%			2029	* *	1	\$2,300	
Unit Heater-Stm/HW	10%			2024	\$6,300	4	\$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
FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8
Asset # : 1992

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%			2032	* *	1		
	Conversion Equipment								
	Window/Wall Unit	80%			2019	\$16,000	1		
	No Component	20%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,600	
	Exhaust Fans								
	Roof	20%			2024	\$1,600	2	\$100	
	No Component	80%							
Plumbing									
	H/C Water Piping								
	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	\$4,300	2029	* *	4	\$1,600	
	Broken, Extent : Moderate, Area Affected : 40%								
	Location : Sewer Ejectors Located In Pit Adjacent To Building, One Pump Out Of Service And Another Has Float Problem								
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	85%							
	Generic	15%			2034	* *	1-2	\$400	

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY 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 2017 - 2020	FY 2021 - 2026
Interior Architecture		\$40,900
Electrical		\$116,100
Mechanical	\$112,100	
Total	\$112,100	\$157,000
Importance Code B	\$112,100	\$157,000
Total	\$112,100	\$157,000

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$5,200		\$10,300	\$500
Interior Architecture	\$27,800	\$400		\$600
Electrical	\$500	\$300	\$4,000	\$300
Mechanical	\$2,300	\$1,100	\$12,400	\$1,100
Total	\$35,700	\$1,800	\$26,700	\$2,500
Importance Code A	\$5,700	\$500	\$10,900	\$1,000
Importance Code B	\$16,100	\$1,300	\$15,800	\$1,500
Importance Code C	\$13,800			
Total	\$35,700	\$1,800	\$26,700	\$2,500



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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Exterior									
Exterior Walls									
Masonry: Brick	75%			LIFE	**	5	\$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		
Broken/Missing Elements, Extent : Light, Area Affected : 20%									
Location : Throughout									
Parapets									
Masonry: Brick	80%			LIFE	**	5	\$900		
Masonry: Brick	8%	2-4	\$500	LIFE	**	5	\$100		
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Pre-Cast Concrete	10%			LIFE	**	5	\$700		
Pre-Cast Concrete	2%			LIFE	**	5	\$100		
Roof									
Built-Up (BUR)	30%			2029	**	10	\$3,100		
Other Observation, Extent : Moderate, Area Affected : 5%									
Location : Over Small Section On New Additon									
Explanation : Wood Deck									
Modified Bitumen	70%			2029	**	10	\$7,200		
Interior									
Floors									
Cast in Place Concrete	50%	2-4	\$8,300	LIFE	**	5	\$17,900		
Cracking/Crumbling, Extent : Light, Area Affected : 20%									
Location : Throughout									
Cast in Place Concrete	10%			LIFE	**	5	\$3,600		
Ceramic Tile	5%			2033	**	5	\$800		
Quarry Tile	5%			2037	**	5	\$1,200		
Vinyl Tile	30%	2-4	\$4,100	2024	\$40,900	3	\$1,800		
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Interior Walls									
Concrete Masonry Unit	35%			LIFE	**	5	\$2,600		
Concrete Masonry Unit	10%			LIFE	**	5	\$700		
Gypsum Board	15%			LIFE	**	5	\$1,600		
SGFT/Glazed Masonry	40%	Now	\$13,800	LIFE	**				
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Garage									

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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%			2041	* *	5	\$3,500	
AcousTileSusp.Lay-In	10%	2-4	\$900	2037	* *	5	\$600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Struc: Steel	40%			LIFE	* *			
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	\$1,500	
Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	* *	5	\$300	
Raceway								
Conduit	100%			2034	* *	1		
Panelboards								
Fused Disc Sw	10%			2032	* *	5		
Molded Case Bkrs	90%			2032	* *	5	\$300	
Wiring								
Thermoplastic	100%			2034	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	* *	1	\$3,200	
Lighting								
Interior Lighting								
Fluorescent	5%			2029	* *	10	\$500	
T-5 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Stairway Lobby								
Fluorescent	65%			2024	\$77,300	10	\$6,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
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		
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	\$2,100	1		
Emergency, Battery	20%			2024	\$2,900	10	\$500	
Exit, Service	40%			2024	\$1,200	1		
Exterior Lighting								
HID	100%			2024	\$38,900	10		
Mechanical								
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%			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	\$30,300	1	\$1,100	
Fan Coil Unit/Heat	70%			2019	\$112,100	1	\$2,500	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	20%	Now	\$200	2024	\$9,900	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	\$4,900			
Window/Wall Unit	40%			2019	\$8,800	1		
No Component	30%							
Terminal Devices								
Fan Coil - Cooling	10%			2024	\$5,800	1	\$400	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,100	

*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 MASK SERVICE UNIT BLDG #7
Asset # : 1991

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									
	Exhaust Fans								
	Roof	100%			2024	\$8,500	2	\$300	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2034	* *	1		
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	75%							
	Generic	25%			2034	* *	1-2	\$800	

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY 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 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$2,400		\$16,100	
Interior Architecture	\$500			\$100
Electrical	\$200	\$200	\$200	\$300
Mechanical	\$600	\$500	\$1,800	\$600
Total	\$3,700	\$700	\$18,200	\$1,000
Importance Code A	\$2,700	\$300	\$16,400	\$300
Importance Code B	\$1,000	\$400	\$1,700	\$700
Importance Code C				
Total	\$3,700	\$700	\$18,200	\$1,000



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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$3,800	
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : East Side							
	Explanation : Stairway To Roof							
Concrete Masonry Unit	85%			LIFE	* *	5	\$8,100	
	Efflorescence, Extent : Light, Area Affected : 5%							
	Location : Throughout							
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	
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Top Of Parapet							
	Explanation : Coping							
Concrete Masonry Unit	90%			LIFE	* *	5	\$3,000	
Roof								
Built-Up (BUR)	80%			2029	* *	10	\$12,900	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Explanation : Stone Ballast							
Built-Up (BUR)	20%			2029	* *	10	\$3,200	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Explanation : Concrete Pavers							
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	* *	5	\$17,000	
Vinyl Tile	10%			2029	* *	3	\$400	
Interior Walls								
Concrete Masonry Unit	92%			LIFE	* *	5	\$2,400	
Concrete Masonry Unit	8%			LIFE	* *	5	\$200	
	Other Observation, Extent : Moderate, Area Affected : 8%							
	Location : At Train Platform							
	Explanation : 6" X 6" Units							
Ceilings								
AcousTileSusp.Lay-In	10%			2037	* *	5	\$900	
Exposed Struc: Steel	90%			LIFE	* *			

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								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2050	* *	5	\$200	

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

Estimates are rounded to the nearest hundred dollars.

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14
Asset # : 13719

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of 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	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout The Building							
	Explanation : T-8 Lamps							
Fluorescent	5%			2032	* *	10	\$300	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Hallways							
	Explanation : T-5 Lamps							
Egress Lighting								
Emergency, Service	50%			2032	* *	1		
Emergency, Battery	10%			2032	* *	10	\$100	
Exit, Service	40%			2032	* *	1		
Exterior Lighting								
HID	100%			2032	* *	10		

Mechanical		Current Repair		Future Replacement		Maintenance		
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	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Boiler Room							
	Explanation : 1 Unit							
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	\$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
FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14
Asset # : 13719

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%			2046	* *	1		
	Conversion Equipment								
	Ext Pkg Unit - Cooling	10%			2029	* *	2		
		R-22 Refrigerant, Extent : Light, Area Affected : 10%							
		Location : Roof							
	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		
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Boiler Room							
		Explanation : For Boiler Only							
Fixtures									
	Generic	100%							

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.012 / 13553 **Yr Built/Renovated** : 2003 /
Area Sq Ft : 40,857 **Project Type** : FIRE DEPARTMENT
Date of Survey : 18-Jul-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 1819 **Lot** : 40 **BIN** : 1085911

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$72,000	\$314,500
Interior Architecture		\$124,400
Total	\$72,000	\$438,900
Importance Code A	\$72,000	\$314,500
Importance Code B		\$124,400
Total	\$72,000	\$438,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$16,100	\$9,000	\$14,400	\$5,800
Interior Architecture	\$32,900	\$500		\$7,100
Electrical	\$5,300	\$4,300	\$38,900	\$5,600
Mechanical	\$300	\$200	\$200	\$400
Total	\$54,700	\$14,000	\$53,600	\$19,000
Importance Code A	\$16,100	\$9,000	\$14,500	\$5,800
Importance Code B	\$38,600	\$4,500	\$39,100	\$6,000
Importance Code C		\$500		\$7,100
Total	\$54,700	\$14,000	\$53,600	\$19,000



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 TRAINING BLDGS - FIELD HOUSE #12
Asset # : 13553

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	30%			LIFE	* *	5	\$23,100	
Metal Panel	50%			2044	* *	5-10	\$264,100	
Metal Sect. OHD	10%			2037	* *	5	\$24,000	
Window Wall	10%			2044	* *	5	\$28,800	
Windows								
Aluminum	100%			2040	* *	5	\$11,600	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$5,800	
Masonry: Brick	30%			LIFE	* *	5	\$2,300	
Metal Rail	5%			2037	* *	5-10	\$6,800	
No Component	55%							
Roof								
Metal Panel	80%			2041	* *	10	\$79,000	
Roll Roofing	20%			2023	\$43,400	5	\$18,000	
Interior								
Floors								
Cast in Place Concrete	93%	2-4	\$28,900	LIFE	* *	5	\$124,400	
	Cracking/Crumbling, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Ceramic Tile	7%	2-4	\$4,100	2033	* *	5	\$2,100	
	Cracking/Crumbling, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Interior Walls								
Ceramic Tile	2%			2033	* *	5	\$1,000	
Concrete Masonry Unit	75%			LIFE	* *	5	\$14,300	
Gypsum Board	5%			LIFE	* *	5	\$1,400	
Masonry: Brick	12%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Streetscape Mockup On Main Level							
	Explanation : Simulated Brick Building Facade Mockups							
Metal Coiling Doors	6%			2040	* *	5	\$14,300	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Streetscape Mockup							
	Explanation : On Building Facade Mockups							
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		
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	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Electrical Room							
	Explanation : One 2000 Amps Main Disconnect Switch							
Transformers								
Dry Type	100%			2037	* *	5	\$200	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Electrical Room							
	Explanation : One 30 Kva 480/277hv-208lv							
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	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout The Building							
	Explanation : T-8 Lamps							
HID	10%			2029	* *	10	\$100	
Egress Lighting								
Emergency, Service	65%			2029	* *	1		
Exit, LED	35%			2039	* *	1		
Exterior Lighting								
HID	100%			2029	* *	10	\$100	
Alarm								
Security System								
No Component	50%							
Generic	50%			2029	* *	1	\$7,600	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Security Room							
	Explanation : Premium System							
Fire/Smoke Detection								
Generic	100%			2029	* *	1-3	\$25,900	

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*** 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			
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		
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : 1st Floor							
		Explanation : Hot Water Is Supplied From Adjacent Building #11							
	No Component	80%							
Distribution									
	Hot Wtr Piping/Pump	20%			2040	* *	4	\$400	
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : 1st Floor							
		Explanation : Hot Water From Adjacent Building #11							
	No Component	80%							
Terminal Devices									
	Convactor/Radiator	15%			2037	* *	1	\$2,000	
		Other Observation, Extent : Light, Area Affected : 15%							
		Location : Ground Level							
		Explanation : Radiant Heating Pipes In Floor							
	Unit Heater-Stm/HW	5%			2029	* *	4	\$300	
	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	\$1,200	4	\$100	
	No Component	80%							
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		

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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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

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 2017 - 2020	FY 2021 - 2026
Electrical		\$44,300
Total		\$44,300
Importance Code B		\$44,300
Total		\$44,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$11,400			\$200
Interior Architecture	\$23,700			
Electrical		\$100	\$5,200	
Mechanical	\$11,000	\$200	\$800	\$300
Total	\$46,100	\$300	\$6,000	\$500
Importance Code A	\$11,400	\$100		\$300
Importance Code B	\$24,500	\$200	\$6,000	\$200
Importance Code C	\$10,200			
Total	\$46,100	\$300	\$6,000	\$500



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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 TOWER # 1
Asset # : 1988

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

Exterior**Exterior Walls**

Masonry: Brick	50%			LIFE	**	5	\$3,100	
Masonry: Brick	50%	2-4	\$9,000	LIFE	**	5	\$3,100	

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

Windows

Aluminum	100%	2-4	\$1,600	2046	**	5	\$400	
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Broken/Missing Elements, Extent : Light, Area Affected : 5%
Location : Throughout

Parapets

Cast in Place Concrete	25%			LIFE	**	5	\$700	
Cast in Place Concrete	20%	4+	\$400	LIFE	**	5	\$600	

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

Masonry: Brick	25%			LIFE	**	5	\$100	
Masonry: Brick	25%	2-4	\$400	LIFE	**	5	\$100	

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

Metal Rail	5%	2-4		2044	**	5	\$100	
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Broken/Missing Elements, Extent : Light, Area Affected : 10%
Location : Throughout

Roof

Skylight, Metal/Glass	2%			2050	**	10	\$200	
Traffic Topping	98%			2032	**	10	\$4,300	

Interior**Floors**

Cast in Place Concrete	95%	2-4	\$4,100	LIFE	**	5	\$17,500	
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Cracking/Crumbling, Extent : Light, Area Affected : 10%
Location : Throughout

Steel Grating	5%			2044	**	1		
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Interior Walls

Concrete Masonry Unit	100%	2-4	\$10,200	LIFE	**	5	\$3,800	
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Cracking/Crumbling, Extent : Light, Area Affected : 10%
Location : Throughout

Ceilings

Exposed Concrete	100%	4+	\$9,400	LIFE	**	5	\$900	
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Cracking/Crumbling, Extent : Light, Area Affected : 5%
Location : Throughout

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	\$13,600	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.

*** 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2023	\$21,900	5	\$100	
Wiring								
Thermoplastic	100%			2024	\$18,100	1		
Motor Controllers								
Locally Mounted	100%			2022	\$44,300	5		
Lighting								
Interior Lighting								
Fluorescent	20%			2029	* *	10	\$1,000	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : First Floor And Basement							
	Explanation : T-8 Lamps							
Fluorescent	80%			2029	* *	10	\$4,100	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Explanation : Using Compact Flourescent Lamps							
Exterior Lighting								
HID	100%			2029	* *	10		
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	20%			2044	* *	1		
No Component	80%							
Conversion Equipment								
Radiant Heater	20%			2024	\$4,800	2	\$500	
No Component	80%							
Ventilation								
Exhaust Fans								
Wall Unit	100%			2024	\$8,300	2	\$200	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : Fan In Basement To Remove Methane Gas							
Plumbing								
H/C Water Piping								
Galv Iron/Steel	10%			2037	* *	1		
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : B, 1-5							
	Explanation : Standpipe Only							
No Component	90%							

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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		
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : 1-5							
		Explanation : Roof Drains Only							
	Sump Pump(s)								
	Rigid Piping	100%	Now	\$10,800	2034	* *	4	\$1,600	
		Not in Service, Extent : Light, Area Affected : 100%							
		Location : Basement							
Fire Suppression									
	Standpipe								
	Generic	100%			2044	* *	1-5	\$2,900	

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FIRE ACADEMY VEHICLE PREVENTIVE MAINT BLDG #6
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$160,300	
Electrical		\$128,600
Total	\$160,300	\$128,600
Importance Code A	\$160,300	
Importance Code B		\$128,600
Total	\$160,300	\$128,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$6,100		\$25,100	\$400
Interior Architecture	\$19,700	\$700		\$1,000
Electrical	\$2,400	\$3,800	\$7,100	\$2,200
Mechanical	\$4,300	\$1,300	\$6,100	\$1,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$36,500	\$9,700	\$42,200	\$9,200
Importance Code A	\$6,900	\$800	\$25,900	\$1,200
Importance Code B	\$29,000	\$8,800	\$16,300	\$8,000
Importance Code C	\$600	\$100		
Total	\$36,500	\$9,700	\$42,200	\$9,200



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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 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
Exterior								
Exterior Walls								
Masonry: Brick	45%	2-4	\$70,900	LIFE	* *	5	\$24,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	20%			LIFE	* *	5	\$10,700	
Metal Sect. OHD	30%			2029	* *	5	\$50,100	
Metal Sect. OHD	5%			2041	* *	5	\$8,400	
Windows								
Aluminum	90%			2040	* *	5	\$800	
Aluminum	10%			2040	* *	5	\$100	
Parapets								
Pre-Cast Concrete	10%			LIFE	* *	5	\$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Low Wall Coping								
No Component	90%							
Roof								
Built-Up (BUR)	25%	2-4	\$1,700	2029	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Stone Ballast								
Roll Roofing	75%	0-2	\$4,500	2020	\$89,400	5	\$18,500	
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$4,800	LIFE	* *	5	\$20,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	20%			LIFE	* *	5	\$10,400	
Ceramic Tile	5%			2033	* *	5	\$1,200	
Vinyl Tile	35%	Now	\$13,800	2029	* *	3	\$3,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Second Floor Office, Corridor And Stair								
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	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Garage Area								

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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

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	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 202								
AcousTileSusp.Lay-In	5%			2041	* *	5	\$1,200	
Exposed Struc: Steel	50%			LIFE	* *			
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	\$3,000	
Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2044	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch								
Fused Disc Sw	50%			2044	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amps Main Disconnect Switch For Emergency								
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	\$39,600	5		
Fused Disc Sw	50%			2044	* *	5		
Raceway								
Conduit	80%			2024	\$17,300	1		
Conduit	20%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2023	\$2,900	5		
Molded Case Bkrs	80%			2023	\$23,400	5	\$300	
Molded Case Bkrs	10%			2040	* *	5		
Wiring								
Thermoplastic	80%			2024	\$19,000	1		
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	20%			2022	\$8,900	5		
Locally Mounted	80%			2029	* *	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	* *	1	\$4,600	

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

Maintenance \$ are aggregated over a ten-year period. 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

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
Stand-by Power									
	Generators								
	Diesel	100%			2033	* *	1	\$5,700	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Outside - Near Bldgs 6 & 7					
				Explanation : One 425 Kva - Supplies Emergency Power To Buildings # 6, 7, 8, 10 & 14					
Batteries									
	Lead/Acid	100%			2018	\$1,500	5	\$500	
Fuel Storage									
	Main Tank	100%			2052	* *	5	\$500	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Generator Area					
				Explanation : One 700 Gallons					
Lighting									
	Interior Lighting								
	Fluorescent	35%			2029	* *	10	\$5,100	
				Other Observation, Extent : Moderate, Area Affected : 100%					
				Location : Offices					
				Explanation : T-8 Lamps					
	HID	65%			2024	\$80,100	10	\$300	
Egress Lighting									
	Emergency, Service	60%			2029	* *	1		
	Exit, Service	40%			2029	* *	1		
Exterior Lighting									
	HID	100%			2029	* *	10		
Alarm									
	Fire/Smoke Detection								
	Generic	100%			2029	* *	1-3	\$9,400	

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								
	Fuel Oil No 2	100%			2034	* *	5	\$4,900	
	Conversion Equipment								
	Furnace	20%			2024	\$3,800	1	\$1,600	
		Other Observation, Extent : Light, Area Affected : 20%							
		Location : Roof							
		Explanation : 1 Unit							
	Hot Water Boiler	80%			2037	* *	1	\$6,300	
		Other Observation, Extent : Light, Area Affected : 80%							
		Location : 1st Floor Boiler Room							
		Explanation : 1 Unit							
Distribution									
	Hot Wtr Piping/Pump	100%			2032	* *	4	\$800	

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

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

** 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

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									
	Terminal Devices								
	Convector/Radiator	50%			2029	* *	1	\$2,600	
	Unit Heater-Stm/HW	50%			2029	* *	4	\$1,100	
Air Conditioning									
	Energy Source								
	Electricity	100%			2040	* *	1		
	Conversion Equipment								
	Ext Pkg Unit - Cooling	20%	Now	\$2,900	2024	\$14,300	2	\$200	
		Not in Service, Extent : Severe, Area Affected : 10%							
		Location : 1 Of 2 Units On The Roof Is Out Of Service							
		R-22 Refrigerant, Extent : Light, Area Affected : 20%							
		Location : 3 Units On Roof							
	No Component	80%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,800	
	Exhaust Fans								
	Roof	85%			2024	\$10,400	2	\$400	
	Wall Unit	15%			2024	\$3,500	2	\$100	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2044	* *	1		
	Water Heater								
	Electric	50%			2019	\$1,200	4		
	Electric	50%			2023	\$1,200	4		
	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	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Boiler Room							
		Explanation : For Boiler Only							
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	80%							
	Generic	20%			2034	* *	1-2	\$900	

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FIRE MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1
Address : 247-53 LAFAYETTE STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0002.000 / 2011 **Yr Built/Renovated** : 1972 /
Area Sq Ft : 32,646 **Project Type** : FIRE DEPARTMENT
Date of Survey : 27-Mar-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 495 **Lot** : 7 **BIN** : 1007523

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$150,900	\$42,700
Interior Architecture	\$35,600	
Electrical	\$71,500	\$1,044,900
Mechanical	\$38,000	\$193,900
Total	\$295,900	\$1,281,500
Importance Code A	\$150,900	\$42,700
Importance Code B	\$145,100	\$1,238,800
Total	\$295,900	\$1,281,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$52,400			
Interior Architecture	\$22,800	\$15,500	\$3,500	
Electrical	\$49,900	\$5,000	\$4,100	\$4,700
Mechanical	\$43,900	\$15,100	\$9,600	\$8,700
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$173,100	\$39,500	\$21,200	\$17,300
Importance Code A	\$53,900	\$1,800	\$1,400	\$1,400
Importance Code B	\$119,200	\$37,100	\$19,800	\$15,900
Importance Code C		\$500		
Total	\$173,100	\$39,500	\$21,200	\$17,300



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
FIRE MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1
Asset # : 2011

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	3%	Now	\$8,100	LIFE	* *	5	\$7,400		
	Cracking/Crumbling, Extent : Light, Area Affected : 10%								
	Location : Above Overhead Doors								
	Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
	Location : Above Overhead Doors								
Masonry: Brick	87%			LIFE	* *	5	\$42,700		
Metal Sect. OHD	10%			2036	* *	5	\$15,300		
Windows									
Aluminum	95%	Now	\$25,200	2031	* *	5	\$6,200		
	Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
	Location : Throughout								
Steel	5%			2022	\$33,100	5	\$8,100		
	Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
	Location : Stairs								
Parapets									
Masonry: Brick	95%			LIFE	* *	5	\$4,700		
Pre-Cast Concrete	5%			LIFE	* *	5	\$1,600		
Roof									
Asphalt Shingle	2%			2026	\$1,800	10	\$100		
Modified Bitumen	98%	Now	\$15,100	2018	\$150,900				
	Blisters, Extent : Moderate, Area Affected : 10%								
	Location : Over Fourth Floor								
	Water Penetration, Extent : Moderate, Area Affected : 10%								
	Location : Over Fire Marshals Locker Room								
Interior									
Floors									
Carpet	10%			2022	\$53,500	3	\$6,400		
Cast in Place Concrete	25%	Now	\$21,800	LIFE	* *	5	\$23,500		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
	Location : Ladder Apparatus Floor								
	Uneven Surface, Extent : Moderate, Area Affected : 10%								
	Location : Apparatus Floor								
Ceramic Tile	5%			2032	* *	5	\$2,100		
Terrazzo	2%			LIFE	* *	5	\$700		
Vinyl Tile	10%			2018	\$35,600	3	\$1,600		
Vinyl Tile	26%			2028	* *	3	\$4,200		
Vinyl Tile	20%			2033	* *	3	\$3,200		
	Recent Construction, Extent : Light, Area Affected : 100%								
	Location : 2nd Floor								
Wood	2%			2063	* *	5	\$1,600		
	Recent Installation, Extent : Light, Area Affected : 100%								
	Location : 2nd Floor								

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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 MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1
Asset # : 2011

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	2%			2038	* *	5	\$1,100	
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
Concrete Masonry Unit	10%			LIFE	* *	5	\$2,200	
<i>Diagonal Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Parking Garage</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Cellar</i>								
Gypsum Board	20%			LIFE	* *	5	\$6,500	
<i>Recent Construction, Extent : Light, Area Affected : 40%</i>								
<i>Location : 2nd Floor</i>								
Plaster	48%			LIFE	* *	5	\$7,700	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	35%			2028	* *	5	\$18,800	
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Locker Room In Fire Marshals Area; 3rd Floor Ceiling</i>								
AcousTileSusp.Lay-In	5%			2036	* *	5	\$2,100	
AcousTileSusp.Lay-In	15%			2043	* *	5	\$6,400	
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
Exposed Concrete	20%			LIFE	* *	5	\$1,300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Stair 3 At Cellar</i>								
Plaster	25%			LIFE	* *	5	\$6,700	
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Dormitory In Fire Marshals Area; 2nd Floor Locker Room</i>								

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2023	\$20,300	5	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Main Electrical Room</i>								
<i>Explanation : 3,000 Amp</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	\$119,300	5	\$900	
Raceway								
Conduit	20%			2033	* *	1		
Conduit	80%			2023	\$46,300	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
FIRE MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1
Asset # : 2011

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								
Panelboards								
Molded Case Bkrs	80%			2022	\$46,700	5	\$700	
Molded Case Bkrs	20%			2031	* *	5	\$200	
Wiring								
Thermoplastic	20%			2033	* *	1		
Thermoplastic	80%			2023	\$63,500	1		
Motor Controllers								
Locally Mounted	100%			2021	\$28,800	5	\$200	
Ground								
Grounding Devices								
Generic	100%	0-2	\$9,300	LIFE	* *	5	\$500	
<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%			2021	\$8,700	1	\$10,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Main Electrical Room</i>								
<i>Explanation : 3 Pole, 100 Amp</i>								
Generators								
Diesel	100%			2019	\$71,500	1	\$12,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 30 Kw, 37.5 Kva</i>								
Batteries								
Lead/Acid	100%			2017	\$1,500	5	\$1,200	
Fuel Storage								
Day Tank	20%			2022	\$400	5	\$1,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Emergency Generator Room</i>								
<i>Explanation : 250 Gallon Stand- Alone Day Tank</i>								
Main Tank	80%			2026	\$2,700	5	\$700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Underground</i>								
<i>Explanation : 1,000 Gallon</i>								
Lighting								

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FIRE DEPARTMENT - 057
FIRE MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1
Asset # : 2011

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	30%			2023	\$106,200	10	\$7,900	
		T-12 Lamps, Extent : Light, Area Affected : 100%							
		Location : Throughout The Building							
	Fluorescent	8%	Now	\$28,300	2033	* *			
		T-8 Lamps, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Basement							
		Explanation : Burnt Out							
	Fluorescent	60%			2023	\$212,300	10	\$15,800	
		T-8 Lamps, Extent : Light, Area Affected : 100%							
		Location : Throughout The Building							
	Incandescent	2%			2023	\$7,100	2		
Egress Lighting									
	Emergency, Service	50%			2028	* *	1		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Emergency Lighting From Generator							
	Exit, Service	50%	Now	\$4,700	2033	* *	1		
		Not Functioning, Extent : Moderate, Area Affected : 100%							
		Location : Throughout The Building							
Exterior Lighting									
	HID	100%			2023	\$120,400	10	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Facade							
		Explanation : Downlights, Controlled Via Switch							
Alarm									
	Fire/Smoke Detection								
	Generic	100%			2023	\$330,200	1-3	\$20,700	

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Hot Water Boiler	85%			2036	* *	1	\$12,000	
Hot Water Boiler	15%			2043	* *	1	\$2,100	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Division I								

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FIRE DEPARTMENT - 057
FIRE MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1
Asset # : 2011

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)		
Heating									
Distribution									
	Hot Wtr Piping/Pump	85%			2031	* *	4	\$1,200	
	Hot Wtr Piping/Pump	15%			2048	* *	4	\$200	
Recent Installation, Extent : Light, Area Affected : 100%									
Location : 2nd Floor Division 1									
Terminal Devices									
	Convactor/Radiator	75%			2028	* *	1	\$6,900	
	Convactor/Radiator	15%			2043	* *	1	\$1,400	
Recent Installation, Extent : Light, Area Affected : 100%									
Location : 2nd Floor Division 1									
	Fan Coil Unit/Heat	10%			2023	\$41,900	1	\$900	
Air Conditioning									
Energy Source									
	Electricity	100%			2039	* *	1		
Conversion Equipment									
	Reciprocating	75%	2-4	\$21,400	2023	\$71,200	1	\$9,000	
	Compr/Chiller								
Other Observation, Extent : Moderate, Area Affected : 40%									
Location : Roof									
Explanation : Aged Equipment / Chiller Jackets Off And Missing									
	Window/Wall Unit	5%			2021	\$2,900	1		
	No Component	20%							
Distribution									
	Chilled Wtr Pipe/Pump	100%	Now	\$5,500	2033	* *	4	\$1,400	
Insul. Deteriorating, Extent : Severe, Area Affected : 20%									
Location : Mechanical Room On Roof									
Terminal Devices									
	Air Handler/Cool/Ht	85%			2023	\$80,800	1	\$15,100	
	Fan Coil - Cooling	15%			2033	* *	1	\$1,400	
Other Observation, Extent : Light, Area Affected : 100%									
Location : 2nd Floor Division 1									
Explanation : New Installation									
Heat Rejection									
	Air Condenser Unit	85%			2018	\$38,000	2	\$17,000	
	Evap Condenser	15%			2033	* *	2	\$3,000	
Recent Installation, Extent : Light, Area Affected : 100%									
Location : Lower Roof									
Ventilation									
Distribution									
	Ductwork/Diffusers	100%	Now	\$12,100	LIFE	* *	2-5	\$16,000	
Insul. Deteriorating, Extent : Severe, Area Affected : 20%									
Location : 2nd Floor, Kitchen									
Exhaust Fans									
	Interior	25%			2023	\$7,700	2	\$200	
	Roof	75%			2023	\$16,700	2	\$700	

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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
FIRE MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1
Asset # : 2011

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%			2043	* *	1		
	Water Heater Gas Fired	100%			2018	\$6,500	2	\$400	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : 2 - 80 Gallon Units					
	Sanitary Piping Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s) Rigid Piping	100%			2023	\$10,800	4	\$1,600	
	Fixtures Generic	100%							
Vertical Transport									
	Elevators Geared Traction	100%			LIFE	* *			
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement To 4th Floor					
				Explanation : 1 - Unit					
Fire Suppression									
	Sprinkler No Component	80%							
	Generic	20%			2043	* *	1-2	\$1,600	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Garage					
				Explanation : Serves Garage And Basement Level Only					

*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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 107 CLASSROOM/ADMIN.
Address : 107 DUANE AVENUE
Borough : QUEENS **Agency's Number** : N/A
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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$66,800	\$66,800
Interior Architecture	\$40,100	
Electrical		\$69,200
Total	\$107,000	\$136,100
Importance Code A	\$66,800	\$66,800
Importance Code B	\$40,100	\$69,200
Total	\$107,000	\$136,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$11,900		\$5,800	
Interior Architecture	\$75,100	\$7,600	\$23,700	\$2,400
Electrical	\$14,100			
Mechanical	\$30,200	\$1,700	\$5,700	\$2,000
Total	\$131,300	\$9,400	\$35,200	\$4,400
Importance Code A	\$13,100	\$1,200	\$7,000	\$1,200
Importance Code B	\$72,800	\$8,200	\$28,200	\$800
Importance Code C	\$45,300			\$2,400
Total	\$131,300	\$9,400	\$35,200	\$4,400



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 107 CLASSROOM/ADMIN.
Asset # : 13738

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	87%			LIFE	* *	5	\$133,700	
	Diagonal Cracks, Extent : Light, Area Affected : 2%							
	Location : Attached Storage Shed							
	Efflorescence, Extent : Light, Area Affected : 25%							
	Location : Various Locations							
	Staining/Discoloring, Extent : Light, Area Affected : 25%							
	Location : Various Locations							
Masonry: Granite	5%			LIFE	* *	5	\$5,800	
Masonry: Limestone	5%	Now	\$9,000	LIFE	* *	5	\$2,900	
	Broken/Missing Elements, Extent : Severe, Area Affected : 5%							
	Location : Above Pull-up Door In Rear							
	Loose/Delam Surface, Extent : Moderate, Area Affected : 5%							
	Location : Throughout							
	Staining/Discoloring, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
Metal Sect. OHD	3%			2031	* *	5	\$7,200	
Windows								
Aluminum	100%			2034	* *	5	\$11,600	
Roof								
Asphalt Shingle	100%			2035	* *	10	\$9,000	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Asphalt Shingles Are Designed To Appear To Be Historic Slate							
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	\$53,500	
Mosaic Tile	10%			2043	* *	5	\$15,300	
Vinyl Tile	70%			2031	* *	3	\$16,100	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	\$5,900	
Cast Stone/Terra Cotta	5%			LIFE	* *	10	\$8,900	
Ceramic Tile	10%			2035	* *	5	\$4,800	
	Broken/Missing Elements, Extent : Light, Area Affected : 5%							
	Location : Toilets							
Gypsum Board	50%			LIFE	* *	5-10	\$40,400	
Masonry: Brick	30%			LIFE	* *	10	\$4,300	
Ceilings								
AcousTileSusp.Lay-In	60%			2039	* *	5	\$36,700	
Gypsum Board	30%			LIFE	* *	5-10	\$63,100	
Masonry: Infill Arch	10%			LIFE	* *	10	\$3,100	

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

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. 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		
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%							
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	\$400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Grounding Device</i>								
Lighting								
Interior Lighting								
Fluorescent	100%			2026	\$69,200	10	\$11,400	
<i>T-12 Lamps, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Egress Lighting								
Emergency, Battery	50%			2026	\$8,900	10	\$1,500	
Exit, Battery	50%			2026	\$6,100	10	\$400	
Exterior Lighting								
HID	50%			2026	\$25,000	10		
<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+	\$13,700	2036	* *			
<i>Devices Missing, Extent : Light, 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

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

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FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 107 CLASSROOM/ADMIN.
Asset # : 13738

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								
	Fuel Oil	100%			2046	* *	5	\$3,800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Two 275 Gallon Tanks							
	Conversion Equipment								
	Steam Boiler	100%			2031	* *	1	\$12,300	
		On Extended Life, Extent : Moderate, Area Affected : 100%							
		Location : Basement Mechanical Room							
		Recent Repair Evident, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Mechanical Room							
		Explanation : One Oil Fired Steam Boiler							
	Distribution								
	Steam Piping/Pump	100%			2036	* *	4	\$600	
	Terminal Devices								
	Convactor/Radiator	100%			2031	* *	1	\$4,000	
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	* *	1		
	Conversion Equipment								
	Split Unit	100%	2-4	\$24,500	2034	* *			
		Other Observation, Extent : Moderate, Area Affected : 80%							
		Location : 1st And 2nd Floor							
		Explanation : 2 Units On Extended Life 1 Unit Poorly Installed							
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2	\$20,200	
Ventilation									
	Exhaust Fans								
	Interior	100%			2026	\$14,700	2	\$400	
Plumbing									
	H/C Water Piping								
	Galv Iron/Steel	100%			2039	* *	1		
	Water Heater								
	Oil Fired	100%			2021	\$4,100	1	\$400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Mechanical Room							
		Explanation : Indirect Hot Water Heater							
	Fixtures								
	Generic	100%							

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name	: FORT TOTTEN - BLDG. # 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

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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. # 318 GENERAL STORAGE
Asset # : 13761

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

Not Accessible 100%

Windows

Not Accessible 100%

Parapets

Not Accessible 100%

Roof

Not Accessible 100%

Interior

Floors

Not Accessible 100%

Interior Walls

Not Accessible 100%

Ceilings

Not Accessible 100%

Electrical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power									
	Batteries								
	Not Accessible	100%							
Fuel Storage									
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Not Accessible	100%							
	Egress Lighting								
	Not Accessible	100%							
	Exterior Lighting								
	Not Accessible	100%							
Lightning Protection									
	Arresters/Cabling								
	Not Accessible	100%							
Alarm									
	Security System								
	Not Accessible	100%							
	Fire/Smoke Detection								
	Not Accessible	100%							

Mechanical		Current Repair		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%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location : Throughout							
		Explanation : Building Abandoned And Unsafe To Enter							
	Conversion Equipment								
	Not Accessible	100%							
	Distribution								
	Not Accessible	100%							
	Terminal Devices								
	Not Accessible	100%							
Air Conditioning									
	Energy Source								
	Not Accessible	100%							
	Conversion Equipment								
	Not Accessible	100%							
	Distribution								
	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		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									
	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%							

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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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 325 EMS ACADEMY
Address : 325 PRATT AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.325 / 13739 **Yr Built/Renovated** : 1894 /
Area Sq Ft : 31,892 **Project Type** : FIRE DEPARTMENT
Date of Survey : 29-May-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 5917 **Lot** : 1 **BIN** :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$298,600	\$259,300
Electrical		\$182,200
Mechanical	\$38,300	\$113,700
Total	\$337,000	\$555,200
Importance Code A	\$337,000	\$259,300
Importance Code B		\$296,000
Total	\$337,000	\$555,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$66,100		\$5,800	
Interior Architecture	\$59,400		\$22,200	
Electrical	\$17,900	\$2,200	\$2,700	\$4,200
Mechanical	\$9,200	\$3,700	\$8,400	\$2,900
Total	\$152,700	\$5,900	\$39,000	\$7,100
Importance Code A	\$66,900	\$1,600	\$7,400	\$1,600
Importance Code B	\$52,100	\$4,300	\$31,700	\$5,500
Importance Code C	\$33,700			
Total	\$152,700	\$5,900	\$39,000	\$7,100



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

Maintenance \$ are aggregated over a ten-year period. 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		
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	\$60,000		
Masonry: Brick	35%	Now	\$260,200	LIFE	* *	5	\$26,900		
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%									
Location : Low Masonry Walls At Exterior Stairs									
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 5%									
Location : Gymnasium/ Locker Room Wing									
Loose/Delam Surface, Extent : Severe, Area Affected : 5%									
Location : Gymnasium/ Locker Room Wing									
Masonry: Brick	50%			LIFE	* *	5	\$76,800		
Stucco Cement	5%	Now	\$5,900	2031	* *	5	\$4,800		
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Exterior Stairs Foundation Wall									
Wood	5%	Now	\$10,800	2043	* *	5	\$9,600		
Paint Peeling, Extent : Severe, Area Affected : 100%									
Location : Gymnasium Wing Eaves									
Worn/Eroded, Extent : Moderate, Area Affected : 40%									
Location : Gymnasium Wing Eaves									
Windows									
Aluminum	100%			2034	* *	5	\$11,600		
Roof									
Asphalt Shingle	98%	0-2	\$19,400	2022	\$194,000				
Water Penetration, Extent : Light, Area Affected : 5%									
Location : Over Classrooms									
Metal Panel	2%			2043	* *	10	\$2,000		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Covered Area Over Front Door									
Explanation : Standing Seam Metal Roof									
Interior									
Floors									
Ceramic Tile	10%			2039	* *	5	\$6,100		
Vinyl Tile	90%			2031	* *	3	\$20,600		
Recent Construction, Extent : Light, Area Affected : 30%									
Location : Gymnasium Locker Room Wing									
Repairs in Progress, Extent : Light, Area Affected : 10%									
Location : Basement In Main Building									
Worn/Eroded, Extent : Light, Area Affected : 30%									
Location : Throughout									

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** 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2041	* *	5	\$2,400	
	Recent Construction, Extent : Light, Area Affected : 40%							
	Location : Gymnasium Locker Room Wing							
Concrete Masonry Unit	5%			LIFE	* *	5	\$1,900	
Gypsum Board	35%			LIFE	* *	5-10	\$28,300	
	Recent Replace Evident, Extent : Light, Area Affected : 50%							
	Location : Locker Room, Toilets, Gymnasium							
	Repairs in Progress, Extent : Light, Area Affected : 50%							
	Location : Basement Construction							
Plaster	55%			LIFE	* *	5-10	\$22,200	
Ceilings								
AcousTileSusp.Lay-In	40%			2039	* *	5	\$24,500	
Plaster	60%	Now	\$25,700	LIFE	* *	5	\$22,900	
	Cracking/Crumbling, Extent : Severe, Area Affected : 40%							
	Location : Below Kitchen, Main Boiler Room							
	Paint Peeling, Extent : Light, Area Affected : 20%							
	Location : 3rd Floor Classrooms							
	Water Penetration, Extent : Severe, Area Affected : 60%							
	Location : Below Kitchen, Main Boiler Room							

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	\$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Rear Wing.								
Explanation : 600 Amp Service Switch.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	\$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Rear Wing.								
Explanation : Recently Installed Equipment.								
Raceway								
Conduit	20%			2046	* *	1		
Conduit	80%			2026	\$3,200	1		
Panelboards								
Molded Case Bkrs	10%			2042	* *	5	\$100	
Molded Case Bkrs	90%			2025	\$14,400	5	\$800	
Wiring								
Thermoplastic	10%			2046	* *	1		
Thermoplastic	90%			2026	\$7,900	1		
Motor Controllers								
Locally Mounted	100%			2031	* *	5	\$200	

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FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 325 EMS ACADEMY
Asset # : 13739

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
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Ground Wires Connect To Ground Rod And Water Main							
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2039	* *	1	\$9,800	
	Generators								
	Diesel	100%			2035	* *	1	\$12,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Building Exterior							
		Explanation : 250 Kw Generator Installed In 2014							
	Batteries								
	Lead/Acid	100%			2020	\$1,600	5	\$1,200	
	Fuel Storage								
	Main Tank	100%			2054	* *	5	\$900	
Lighting									
	Interior Lighting								
	Fluorescent	50%			2021	\$89,000	10	\$14,600	
		T-12 Lamps, Extent : Light, Area Affected : 100%							
		Location : Building 325 (Front Wing)							
	LED	50%			2031	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Building 325 (Rear Wing)							
		Explanation : Led Lighting Recently Installed							
	Egress Lighting								
	Emergency, Service	50%			2021	\$8,400	1		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout Bldg.							
		Explanation : Recently Installed Fixtures							
	Exit, Service	50%			2031	* *	1		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout Bldg.							
		Explanation : Recently Installed Fixtures.							
	Exterior Lighting								
	HID	45%			2026	\$57,900	10		
	Incandescent	5%			2026	\$5,500	2		
	No Component	50%							
Alarm									
	Fire/Smoke Detection								
	No Component	90%							
	Generic, Analog	10%			2021	\$35,300			
		Local/Battery Operated Detect, Extent : Light, Area Affected : 100%							
		Location : Throughout							

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*** 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
Heating									
	Energy Source								
	Fuel Oil No 2	50%			2046	* *	5	\$4,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Exterior							
		Explanation : 1800 Double Wall Tank With Leak Detection Serves Front Building							
	Fuel Oil No 2	50%			2046	* *	5	\$4,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 500 Gallon Double Wall Tank With Leak Detection Serves Rear Building							
Conversion Equipment									
	Hot Water Boiler	50%			2039	* *	1	\$7,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Serves Rear Building							
	Hot Water Boiler	50%	Now	\$38,300	2046	* *	1	\$7,100	
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Basement							
		Explanation : Jacket Parts Missing Or Deteriorated. General Condition Is Very Poor.							
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	\$78,700			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Serves Rear Building							
	Window/Wall Unit	50%			2024	\$35,000	1		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Serves Front Building							
Distribution									
	Ductwork/Diffusers	50%			LIFE	* *	2	\$25,900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : Rear Building							
	No Component	50%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	20%			LIFE	* *	2-5	\$5,600	
	No Component	80%							
Exhaust Fans									
	Roof	100%			2026	\$27,100	2	\$1,000	

Plumbing

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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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%							
	Water Heater								
	Oil Fired	100%			2024	\$10,600	1	\$900	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2- 90 Gallon Units							
	Sanitary Piping								
	Cast Iron	50%			LIFE	* *	1		
	Under Construction	50%							
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sewage Ejector(s)								
	No Component	50%							
	Under Construction	50%							
	Fixtures								
	Generic	100%							

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$133,700	\$293,600
Interior Architecture	\$165,500	
Electrical	\$39,000	\$88,200
Mechanical	\$49,100	\$43,300
Total	\$387,300	\$425,100
Importance Code A	\$133,700	\$293,600
Importance Code B	\$253,600	\$131,500
Total	\$387,300	\$425,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$54,900			
Interior Architecture	\$64,700		\$2,200	\$2,100
Electrical	\$1,000	\$700	\$800	\$900
Mechanical	\$28,600	\$2,200	\$4,600	\$3,000
Total	\$149,200	\$2,800	\$7,500	\$5,900
Importance Code A	\$80,600	\$1,600	\$1,600	\$1,600
Importance Code B	\$39,900	\$1,200	\$5,600	\$4,300
Importance Code C	\$28,700		\$300	
Total	\$149,200	\$2,800	\$7,500	\$5,900



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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	15%			2036	* *	10	\$2,000	
Cast in Place Concrete	5%	Now	\$26,000	LIFE	* *	5	\$10,800	
	Cracking/Crumbling, Extent : Light, Area Affected : 50%							
	Location : Ramp							
Masonry: Brick	70%	Now	\$97,200	LIFE	* *	5	\$30,100	
	Broken/Missing Elements, Extent : Light, Area Affected : 30%							
	Location : Throughout							
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Vegetation Growth, Extent : Light, Area Affected : 25%							
	Location : Various Locations							
Masonry: Fieldstone	10%			LIFE	* *	5	\$6,500	
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%							
	Location : Various Locations							
Windows								
Wood	100%			2034	* *	5	\$73,000	
	Air Infiltration, Extent : Light, Area Affected : 75%							
	Location : Various Locations, Due To Window AC Units							
Roof								
Asphalt Shingle	100%	Now	\$25,700	2022	\$257,100			
	Water Penetration, Extent : Light, Area Affected : 10%							
	Location : Various Locations							
Interior								
Floors								
Cast in Place Concrete	20%	Now	\$2,700	LIFE	* *	5	\$10,800	
	Cracking/Crumbling, Extent : Light, Area Affected : 30%							
	Location : Basement							
Ceramic Tile	2%	Now	\$3,100	2035	* *	5	\$200	
	Cracking/Crumbling, Extent : Light, Area Affected : 20%							
	Location : First Floor Men And Women Restrooms							
	Loose Units, Extent : Light, Area Affected : 40%							
	Location : First Floor Men And Women Restrooms							
Sheet Vinyl/Rubber	10%			2034	* *	5	\$3,700	
Vinyl Tile	48%	Now	\$107,500	2036	* *	3	\$4,400	
	Patching Evident, Extent : Light, Area Affected : 40%							
	Location : First Floor							
Vinyl Tile 9" X 9"	20%	Now	\$58,000	2036	* *	3	\$1,800	
	Adhesion Failure, Extent : Light, Area Affected : 50%							
	Location : Basement							
	Broken/Missing Elements, Extent : Light, Area Affected : 50%							
	Location : Basement							

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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	2%			2029	* *	5	\$600	
Gypsum Board	38%			LIFE	* *	5-10	\$20,400	
Masonry: Brick	5%			LIFE	* *	10	\$500	
Plaster	50%			LIFE	* *	5-10	\$13,500	
Wood	5%			LIFE	* *	5	\$12,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby								
Explanation : Wainscot								
Ceilings								
AcousTileSusp.Lay-In	50%			2031	* *	5	\$12,300	
Embossed Metal	2%	Now	\$4,600	LIFE	* *	5	\$200	
Bent/Warped Elements, Extent : Light, Area Affected : 30%								
Location : Basement								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Basement								
Gypsum Board	48%	Now	\$25,600	LIFE	* *	5	\$14,800	
Broken/Missing Elements, Extent : Light, Area Affected : 30%								
Location : Basement								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2036	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : In Basement Storage Area.								
Explanation : 400 Amp Main Service Switch								
Fused Disc Sw	50%			2036	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : In Basement Storage Room								
Explanation : 30 Amp Fire Alarm Disconnect Switch								
Raceway								
Conduit	90%			2026	\$3,600	1		
Conduit	10%			2036	* *	1		
Panelboards								
Molded Case Bkrs	80%			2025	\$6,400	5	\$400	
Molded Case Bkrs	20%			2034	* *	5	\$100	
Wiring								
Thermoplastic	80%			2026	\$7,000	1		
Thermoplastic	20%			2036	* *	1		
Motor Controllers								
Locally Mounted	100%			2024	\$15,400	5	\$100	

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

Maintenance \$ are aggregated over a ten-year period. 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			
System	Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$500	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2031	* *	1	\$5,400	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : Emergency Power From Ems Academy Generator								
Lighting									
	Interior Lighting								
	Fluorescent	96%			2026	\$88,200	10	\$14,500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout Building								
	Explanation : T-12 And T-8 Fixtures Are In Use								
	HID	4%			2021	\$5,600	10		
	Egress Lighting								
	Exit, Service	30%			2021	\$1,400	1		
	No Component	70%							
	Exterior Lighting								
	HID	10%			2026	\$7,100	10		
	Incandescent	2%			2026	\$1,200	2		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Front Of Building								
	Explanation : Exterior Globes								
	No Component	88%							
Alarm									
	Security System								
	No Component	80%							
	Generic	20%			2026	\$11,400	1	\$1,300	
	Fire/Smoke Detection								
	No Component	80%							
	Generic, Analog	20%	2-4	\$39,000	2036	* *			
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : Obsolete System								

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								
	Fuel Oil No 6	100%			2026	\$43,300	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			
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	\$25,700	2031	* *	1	\$14,700	
		Damaged, Extent : Severe, Area Affected : 30%							
		Location : Basement Flue Duct Needs To Be Repaired/Replaced							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Mechanical Room							
		Explanation : Oil Fired Steam Boiler							
Distribution									
	Steam Piping/Pump	100%	4+	\$49,100	2036	* *	4	\$800	
		Corroded, Extent : Moderate, Area Affected : 40%							
		Location : Basement							
		Insul. Deteriorating, Extent : Moderate, Area Affected : 50%							
		Location : Basement							
Terminal Devices									
	Convactor/Radiator	100%			2039	* *	1	\$5,300	
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	* *	1		
	Conversion Equipment								
	Split Unit	10%			2034	* *			
		Recent Installation, Extent : Light, Area Affected : 10%							
		Location : Basement Data Room							
	Window/Wall Unit	90%			2021	\$32,600	1		
	Heat Rejection								
	Evap Condenser	100%			2031	* *	2	\$11,500	
Ventilation									
	Exhaust Fans								
	Roof	100%			2031	* *	2	\$500	
Plumbing									
	H/C Water Piping								
	Galv Iron/Steel	100%			2039	* *	1		
	HW Heat Exchanger								
	Low Temp	100%			2036	* *	4	\$1,600	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Not Accessible	100%							
Fixtures									
	Generic	100%							

*Note : 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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 336 FLSTP BILLETS
Address : 336 SHORE ROAD
Borough : QUEENS **Agency's Number** : N/A
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 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$39,700	\$85,600
Interior Architecture		\$50,700	\$112,400
Electrical			\$95,800
Mechanical			\$52,000
Total		\$90,400	\$345,900
Importance Code A		\$39,700	\$85,600
Importance Code B			\$260,200
Importance Code C		\$50,700	
Total		\$90,400	\$345,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$9,200			
Interior Architecture	\$59,900		\$6,200	\$14,800
Electrical	\$2,500	\$2,000	\$3,300	\$1,600
Mechanical	\$2,400	\$4,600	\$3,200	\$2,800
Total	\$73,900	\$6,500	\$12,700	\$19,300
Importance Code A	\$10,400	\$1,200	\$1,200	\$1,200
Importance Code B	\$50,400	\$5,400	\$11,500	\$14,400
Importance Code C	\$13,100			\$3,700
Total	\$73,900	\$6,500	\$12,700	\$19,300



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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. # 336 FLSTP BILLETS
Asset # : 13768

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	2%	Now	\$600	LIFE	**	5	\$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Boiler Room Entrance, Steps At Entry								
Cast Stone/Terra Cotta	2%			LIFE	**	5	\$8,000	
Masonry: Brick	96%	0-2	\$39,700	LIFE	**	5	\$24,600	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Explanation : Brick Open Joints								
Windows								
Aluminum	98%			2042	**	5	\$4,300	
Steel	2%	Now	\$2,400	2042	**	5	\$500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Level, Washroom Area								
Explanation : Deteriorated Metal Windows								
Roof								
Built-Up (BUR)	100%			2026	\$85,600	10	\$17,500	
Interior								
Floors								
Carpet	60%			2022	\$290,100	3	\$42,500	
Cast in Place Concrete	10%	Now	\$800	LIFE	**	5	\$7,800	
Water Penetration, Extent : Moderate, Area Affected : 60%								
Location : Basement, Washroom Area								
Mosaic Tile	10%			2039	**	5	\$8,900	
Sheet Vinyl/Rubber	10%			2026	\$112,400	5	\$5,300	
Vinyl Tile	10%			2026	\$32,200	3	\$1,800	
Interior Walls								
Cast in Place Concrete	10%	Now	\$50,700	LIFE	**			
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Basement, Washroom Area								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement, Washroom Area								
Ceramic Tile	20%			2035	**	5	\$7,500	
Concrete Masonry Unit	60%			LIFE	**	5	\$18,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement, Washroom Area								
Gypsum Board	10%			LIFE	**	5-10	\$6,400	
Ceilings								
AcousTileSusp.Lay-In	10%			2039	**	5	\$3,500	
Plaster	90%			LIFE	**	5-10	\$54,800	
Paint Peeling, Extent : Light, Area Affected : 2%								
Location : First Floor Reception Area								

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
FORT TOTTEN - BLDG. # 336 FLSTP BILLETS
Asset # : 13768

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Type	Type								
Under 600 Volts									
Service Equipment	Fused Disc Sw	100%			2046	* *	5	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Service Room.							
		Explanation : 800 Amp Service Switch.							
Transformers	Dry Type	100%			2039	* *	5	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Outside Electrical Room							
		Explanation : Also Serves Another Building							
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	\$700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : In Laundry Room.							
		Explanation : Ground Connection Partially Covered With Insulation.							
Stand-by Power									
Transfer Switches	Automatic	100%			2031	* *	1	\$7,300	
Generators	Diesel	100%			2029	* *	1	\$9,200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Building Exterior Near Boiler Room							
		Explanation : 80 Kva Generator							
Batteries	Lead/Acid	100%			2019	\$1,600	5	\$900	
Fuel Storage	Main Tank	100%			2041	* *	5	\$700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Building Exterior Near Boiler Room							
		Explanation : Belly Tank							
Lighting									
Interior Lighting	Fluorescent	98%			2031	* *	10	\$21,300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout Bldg.							
		Explanation : T-8 And T-12 Fixtures.							
	Incandescent	2%			2031	* *	2		

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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. # 336 FLSTP BILLETS
Asset # : 13768

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

Lighting

Egress Lighting

Emergency, Battery

70%

2031

* *

10

\$4,000

Exit, Battery

30%

2026

\$7,000

10

\$500

Exterior Lighting

HID

100%

2026

\$95,800

10

\$100

Alarm

Fire/Smoke Detection

Generic, Analog

100%

2036

* *

*Recent Installation, Extent : Light, Area Affected : 100%**Location : Throughout Building*

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

Fuel Oil No 2

100%

2046

* *

5

\$7,300

*Other Observation, Extent : Light, Area Affected : 100%**Location : Rear Of Building**Explanation : 3,000 Gallon Tank With Spill Control / Above Ground*

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

\$52,000

1

Plumbing

H/C Water Piping

Brass/Copper

100%

2046

* *

1

HW Heat Exchanger

Low Temp

100%

2046

* *

4

\$3,500

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : Indirect Heating Tank With 100 Gallon Storage*

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	\$1,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Dual Pumps							
Backflow Preventer									
	No Component	95%							
	Generic	5%			2034	* *	1	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Serves Boiler Only							
Fixtures									
	Generic	100%							
Fire Suppression									
	Sprinkler								
	Generic	100%			2046	* *	1-2	\$6,600	

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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.*

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 400 A&B FIRE PREVENTION DISTRICT OFFICE
Address : 400 MURRAY AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.400 / 13771 **Yr Built/Renovated** : 1906 /
Area Sq Ft : 10,935 **Project Type** : FIRE DEPARTMENT
Date of Survey : 02-Jun-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 5917 **Lot** : 1 **BIN** : 4453917

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$171,700	
Electrical		\$39,900
Total	\$171,700	\$39,900
Importance Code A	\$171,700	
Importance Code B		\$39,900
Total	\$171,700	\$39,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$31,100			
Interior Architecture	\$38,500			\$200
Electrical	\$8,500	\$1,000	\$1,000	\$1,000
Mechanical	\$3,100	\$1,800	\$1,300	\$1,600
Total	\$81,200	\$2,800	\$2,300	\$2,700
Importance Code A	\$32,100	\$1,000	\$1,000	\$1,000
Importance Code B	\$39,500	\$1,800	\$1,300	\$1,700
Importance Code C	\$9,600			
Total	\$81,200	\$2,800	\$2,300	\$2,700



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

Maintenance \$ are aggregated over a ten-year period. 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&B FIRE PREVENTION DISTRICT OFFICE
Asset # : 13771

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	70%			LIFE	* *	5	\$56,100	
Granite Panels	10%			LIFE	* *	5	\$6,000	
Wood	20%	Now	\$90,000	2039	* *	5	\$20,100	
Dry Rot/Decay, Extent : Severe, Area Affected : 40%								
Location : Entry Porches								
Paint Peeling, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 60%								
Location : Roof Eaves/ Cornice								
Windows								
Wood	100%	Now	\$81,700	2042	* *	5	\$34,000	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Roof								
Asphalt Shingle	100%			2035	* *	10	\$3,600	
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	\$20,100	
Ceramic Tile	2%	Now	\$100	2035	* *	5	\$200	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Throughout.								
Vinyl Tile	8%	Now	\$2,200	2031	* *	3	\$500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Kitchen And Various Offices								
Worn/Eroded, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Wood	60%			2041	* *	5	\$17,200	
Worn/Eroded, Extent : Moderate, Area Affected : 70%								
Location : Attic/ 3rd Floor								

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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 400 A&B FIRE PREVENTION DISTRICT OFFICE
Asset # : 13771

Architecture		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior									
Interior Walls									
	Ceramic Tile	3%	Now	\$300	2035	* *	5	\$300	
Broken/Missing Elements, Extent : Light, Area Affected : 2%									
Location : Bathrooms									
	Masonry: Brick	10%			LIFE	* *	10	\$600	
	Granite Panels	10%			LIFE	* *	10	\$800	
	Plaster	75%	Now	\$6,300	LIFE	* *	5	\$4,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%									
Location : Basement Gymnasium Room									
Paint Peeling, Extent : Light, Area Affected : 20%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 2%									
Location : Basement Gymnasium Room									
	Wood	2%			LIFE	* *	5	\$3,100	
Ceilings									
	Embossed Metal	34%			LIFE	* *	5	\$4,700	
Paint Peeling, Extent : Light, Area Affected : 5%									
Location : 1st Floor									
	Plaster	66%	Now	\$14,200	LIFE	* *	5	\$6,300	
Paint Peeling, Extent : Light, Area Affected : 15%									
Location : Rooms 20 & 21, Stairway Ceiling									
Water Penetration, Extent : Moderate, Area Affected : 15%									
Location : 2nd Floor Rooms 20 & 21									

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Areas A & B								
Explanation : (2) 100 Amp Service Switches								
Raceway								
Conduit	75%			2026	\$3,000	1		
Conduit	25%			2046	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	\$300	
Wiring								
Braided Cloth	40%	2-4	\$3,500	2051	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Thermoplastic	60%			2036	* *	1		

Ground

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

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. # 400 A&B FIRE PREVENTION DISTRICT OFFICE
Asset # : 13771

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
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
<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	\$39,900	10	\$6,600	
Incandescent	30%			2021	\$17,100	2	\$100	
Exterior Lighting								
Incandescent	100%	0-2	\$3,700	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	\$17,700	1	\$2,000	

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								
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&B FIRE PREVENTION DISTRICT OFFICE
Asset # : 13771

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Conversion Equipment								
	Steam Boiler	100%			2039	* *	1	\$10,100	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : 1 - Boiler Each Side					
	Distribution								
	Steam Piping/Pump	100%			2036	* *	4	\$500	
	Terminal Devices								
	Convector/Radiator	100%	Now	\$2,100	2031	* *	1	\$3,000	
				Leak Evident, Extent : Light, Area Affected : 50%					
				Location : 1st Floor Front					
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	* *	1		
	Conversion Equipment								
	Window/Wall Unit	50%			2021	\$11,200	1		
	No Component	50%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2036	* *	1		
				No Water Meter, Extent : Light, Area Affected : 100%					
				Location : A Side					
	HW Heat Exchanger								
	Low Temp	100%			2046	* *	4	\$1,500	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : Domestic Coil With 40 Gallon Storage Each Side					
	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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 401 A&B FIRE/LIFE SAFETY EDUCATION BLDG.
Address : 401 MURRAY AVENUE
Borough : QUEENS **Agency's Number** : N/A
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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$53,800	\$53,800
Interior Architecture		\$38,200
Electrical		\$50,400
Mechanical		\$152,500
Total	\$53,800	\$294,900
Importance Code A	\$53,800	\$116,400
Importance Code B		\$178,500
Total	\$53,800	\$294,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$45,000	\$5,800		
Interior Architecture	\$107,700		\$20,100	\$3,900
Electrical	\$6,100	\$800	\$900	\$800
Mechanical	\$1,600	\$1,900	\$3,600	\$1,600
Total	\$160,400	\$8,500	\$24,500	\$6,400
Importance Code A	\$46,200	\$7,000	\$1,200	\$1,200
Importance Code B	\$92,100	\$1,500	\$23,300	\$4,700
Importance Code C	\$22,100			\$500
Total	\$160,400	\$8,500	\$24,500	\$6,400



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

Maintenance \$ are aggregated over a ten-year period. 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&B FIRE/LIFE SAFETY EDUCATION BLDG.
Asset # : 13769

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	\$107,600		
Granite Panels	25%			LIFE	* *	5	\$28,800		
Wood	5%	0-2	\$10,800	2039	* *	5	\$9,600		
Deteriorated Finish, Extent : Severe, Area Affected : 30%									
Location : Throughout Columns And Rails									
Paint Peeling, Extent : Light, Area Affected : 30%									
Location : Porch Floor & Steps									
Windows									
Aluminum	100%			2048	* *	5	\$11,600		
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Roof									
Asphalt Shingle	100%	Now	\$19,800	2035	* *				
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%									
Location : Roof									
Interior									
Floors									
Cast in Place Concrete	10%			LIFE	* *	5	\$26,800		
Ceramic Tile	10%			2035	* *	5	\$6,100		
Vinyl Tile	5%	Now	\$600	2031	* *	3	\$1,100		
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%									
Location : Throughout.									
Wood	40%	Now	\$17,200	2054	* *	5	\$22,900		
Deteriorated Finish, Extent : Light, Area Affected : 40%									
Location : Throughout									
Wood	35%			2054	* *	5	\$40,100		
Interior Walls									
Ceramic Tile	2%			2035	* *	5	\$1,000		
Gypsum Board	25%			LIFE	* *	5-10	\$20,200		
Repairs in Progress, Extent : Light, Area Affected : 2%									
Location : Stairwell Wall Between 1st & 2nd Floors									
Granite Panels	28%			LIFE	* *	10	\$5,300		
Plaster	45%	2-4	\$3,700	LIFE	* *	5	\$6,400		
Cracking/Crumbling, Extent : Light, Area Affected : 2%									
Location : Throughout.									
Ceilings									
Plaster	52%	Now	\$22,300	LIFE	* *	5	\$19,900		
Paint Peeling, Extent : Moderate, Area Affected : 5%									
Location : 3rd Floor Ceiling Over Training Area									
Water Penetration, Extent : Light, Area Affected : 5%									
Location : 3rd Floor Ceiling Over Training Area									
Plaster	48%			LIFE	* *	5-10	\$50,400		

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. # 401 A&B FIRE/LIFE SAFETY EDUCATION BLDG.
Asset # : 13769

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	\$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Service Rooms, Sections A & B								
Explanation : 2-100 Amp Service Switches								
Raceway								
Conduit	75%			2026	\$3,000	1		
Conduit	25%			2046	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	\$300	
Wiring								
Thermoplastic	75%			2026	\$6,500	1		
Thermoplastic	25%			2046	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$400	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement Section A								
Explanation : Common Ground Wire Connected To Water Main And Ground Rod								
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	\$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior Behind Primary Transformer								
Explanation : Serves Buildings #400, #401 And #402.								
Generators								
Diesel	100%			2041	* *	1	\$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Serves Buildings #400, #401 And #402.								
Fuel Storage								
Main Tank	100%			2066	* *	5	\$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Belly Tank Located Below Generator								
Lighting								
Interior Lighting								
Fluorescent	75%			2026	\$50,400	10	\$8,300	
Incandescent	25%			2021	\$16,800	2	\$100	
Exterior Lighting								
HID	80%			2034	* *	10		
Incandescent	20%	0-2	\$5,000	2031	* *	2		
Obsolete Fixtures, Extent : Light, Area Affected : 100%								
Location : Exterior Building Porches								

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

Maintenance \$ are aggregated over a ten-year period. 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&B FIRE/LIFE SAFETY EDUCATION BLDG.
Asset # : 13769

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								
	Fuel Oil No 2	100%			2036	* *	5	\$3,700	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 2 - 275 Gallon Tanks Each Side								
	Conversion Equipment								
	Steam Boiler	100%			2024	\$62,700	1	\$11,900	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 1 - Unit Each Side								
	Distribution								
	Steam Piping/Pump	100%			2026	\$89,900	4	\$900	
	Terminal Devices								
	Convactor/Radiator	100%			2031	* *	1	\$3,900	
Air Conditioning									
	Energy Source								
	Electricity	100%			2042	* *	1		
	Conversion Equipment								
	Window/Wall Unit	90%			2021	\$23,800	1		
	No Component	10%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2036	* *	1		
	Water Heater								
	Oil Fired	50%			2019	\$2,000	1	\$200	
	Under Construction	50%							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 402 A&B FIRE MARSHALS
Address : 402 MURRAY AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.402 / 13770 **Yr Built/Renovated** : 1906 /
Area Sq Ft : 12,041 **Project Type** : FIRE DEPARTMENT
Date of Survey : 02-Jun-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 5917 **Lot** : 1 **BIN** : 4453923

CAPITAL**Total**

Importance Code

Total

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$45,400			
Interior Architecture	\$42,500		\$10,600	\$700
Electrical	\$1,200	\$800	\$800	\$800
Mechanical	\$2,000	\$2,000	\$1,500	\$1,800
Total	\$91,100	\$2,900	\$12,900	\$3,300
Importance Code A	\$46,500	\$1,100	\$1,100	\$1,100
Importance Code B	\$27,600	\$1,800	\$11,200	\$2,200
Importance Code C	\$17,000		\$500	
Total	\$91,100	\$2,900	\$12,900	\$3,300



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 402 A&B FIRE MARSHALS
Asset # : 13770

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Exterior									
	Exterior Walls								
	Masonry: Brick	70%			LIFE	* *	5	\$61,800	
	Granite Panels	25%			LIFE	* *	5	\$16,600	
	Wood	5%	Now	\$2,500	2039	* *	5	\$5,500	
	Paint Peeling, Extent : Light, Area Affected : 15%								
	Location : Entry Porches								
	Worn/Eroded, Extent : Light, Area Affected : 15%								
	Location : Entry Porches								
	Windows								
	Aluminum	100%			2042	* *	5	\$7,500	
	Roof								
	Asphalt Shingle	100%			2035	* *	10	\$4,000	
Interior									
	Floors								
	Cast in Place Concrete	30%			LIFE	* *	5	\$22,100	
	Ceramic Tile	8%			2035	* *	5	\$1,300	
	Vinyl Tile	2%			2031	* *	3	\$100	
	Wood	60%			2054	* *	5	\$19,000	
	Interior Walls								
	Cast in Place Concrete	10%			LIFE	* *	10	\$5,400	
	Ceramic Tile	5%			2039	* *	5	\$1,100	
	Gypsum Board	25%			LIFE	* *	5-10	\$9,200	
	Masonry: Brick	18%			LIFE	* *	10	\$1,200	
	Granite Panels	25%			LIFE	* *	10	\$2,200	
	Plaster	15%	Now	\$600	LIFE	* *	5	\$1,000	
	Water Penetration, Extent : Light, Area Affected : 5%								
	Location : 3rd Floor Chimney Chase Walls								
	Wood	2%			LIFE	* *	5	\$3,500	
	Ceilings								
	AcousTileSusp.Lay-In	6%			2039	* *	5	\$1,000	
	Embossed Metal	25%			LIFE	* *	5	\$3,800	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1st Floor								
	Explanation : Embossed Metal Ceiling, Painted								
	Gypsum Board	29%			LIFE	* *	5-10	\$16,800	
	Plaster	40%	Now	\$1,900	LIFE	* *	5	\$4,200	
	Water Penetration, Extent : Light, Area Affected : 2%								
	Location : Water Damage In 1st Floor Office & Third Floor By Chimney Chase Walls								

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&B FIRE MARSHALS
Asset # : 13770

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	* *	5	\$100	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement Service Room.							
	Explanation : 2-100 Amp Service Switches							
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	\$400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	\$3,700	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Building Exterior Being Primary Transformer							
	Explanation : Serves Buildings #400, #401 And #402.							
Generators								
Diesel	100%			2041	* *	1	\$4,700	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Building Exterior							
	Explanation : 125 Kw Generator Serves Buildings #400, #401 And #402.							
Fuel Storage								
Main Tank	100%			2066	* *	5	\$300	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Building Exterior							
	Explanation : Belly Tank Located Below Generator							
Lighting								
Interior Lighting								
Fluorescent	99%			2031	* *	10	\$10,200	
	T-8 Lamps, Extent : Light, Area Affected : 100%							
	Location : Throughout Building.							
Incandescent	1%			2021	\$600	2		
Egress Lighting								
Emergency, Service	50%			2026	\$3,000	1		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout Building.							
	Explanation : Recently Installed Egress Fixtures.							
Exit, Service	50%			2026	\$1,600	1		
Exterior Lighting								
HID	80%			2031	* *	10		
Incandescent	20%			2021	\$8,300	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. # 402 A&B FIRE MARSHALS
Asset # : 13770

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								
	Fuel Oil No 2	100%			2036	* *	5	\$3,500	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Basement						
			Explanation : 2 - 275 Gallon Tanks Each Side						
	Conversion Equipment								
	Steam Boiler	100%			2039	* *	1	\$11,200	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Basement						
			Explanation : 1 - Boiler On Each Side						
	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	\$24,700	1		
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2036	* *	1		
	HW Heat Exchanger								
	Low Temp	100%			2046	* *	4	\$1,700	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Basement						
			Explanation : Domestic Coil In Boiler With 40 Gallon Storage Tank On Each Side						
	Sanitary Piping								
	Cast Iron	100%	Now	\$500	LIFE	* *	1		
			Leak Evident, Extent : Moderate, Area Affected : 100%						
			Location : Bathrooms						
	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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 405 EMS ACADEMY - CFR TRAINING
Address : 405 WHISTLER AVENUE
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.405 / 13772 **Yr Built/Renovated** : 1900 /
Area Sq Ft : 22,392 **Project Type** : FIRE DEPARTMENT
Date of Survey : 05-Jun-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 5917 **Lot** : 1 **BIN** :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$93,000	\$65,300
Electrical		\$121,500
Mechanical		\$46,700
Total	\$93,000	\$233,600
Importance Code A	\$93,000	\$65,300
Importance Code B		\$168,300
Total	\$93,000	\$233,600

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$29,000			\$4,500
Interior Architecture	\$52,500		\$10,700	\$8,300
Electrical	\$2,900	\$1,800	\$2,100	\$3,400
Mechanical	\$3,100	\$4,000	\$3,100	\$3,700
Total	\$87,400	\$5,800	\$15,900	\$19,900
Importance Code A	\$31,200	\$2,200	\$2,200	\$6,700
Importance Code B	\$47,900	\$3,600	\$13,700	\$12,700
Importance Code C	\$8,300			\$500
Total	\$87,400	\$5,800	\$15,900	\$19,900



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

Maintenance \$ are aggregated over a ten-year period. 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		
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	\$4,600	LIFE	* *	5	\$7,700		
Cracking/Crumbling, Extent : Light, Area Affected : 15%									
Location : Concrete Steps At Entry									
Masonry: Brick	20%	Now	\$9,900	LIFE	* *	5	\$15,400		
Broken/Missing Elements, Extent : Light, Area Affected : 1%									
Location : Building Extension At Rear									
Diagonal Cracks, Extent : Moderate, Area Affected : 1%									
Location : Chimney									
Masonry: Brick	65%			LIFE	* *	5	\$99,900		
Masonry: Granite	8%			LIFE	* *	5	\$9,200		
Wood	5%	Now	\$43,100	2031	* *	5	\$9,600		
Paint Peeling, Extent : Moderate, Area Affected : 90%									
Location : Roof Eaves/ Soffits									
Split/Cracked, Extent : Moderate, Area Affected : 50%									
Location : Roof Eaves/ Soffits									
Windows									
Aluminum	10%	Now	\$1,000	2042	* *	5	\$600		
Glazing Broken/Cracked, Extent : Light, Area Affected : 1%									
Location : North Side									
Aluminum	90%			2042	* *	5	\$10,500		
Roof									
Asphalt Shingle	90%	Now	\$3,600	2029	* *				
Broken/Missing Elements, Extent : Light, Area Affected : 1%									
Location : Vent Cap Located On Roof Is Missing									
Water Penetration, Extent : Moderate, Area Affected : 8%									
Location : Main Roof, Affecting Second Floor Ceiling Throughout									
Roll Roofing	10%			2025	\$23,800	5	\$9,000		
Interior									
Floors									
Carpet	3%	4+	\$500	2022	\$25,000	3	\$2,800		
Staining/Discoloring, Extent : Light, Area Affected : 30%									
Location : 1st Floor A/v Conference Room									
Cast in Place Concrete	5%			LIFE	* *	5	\$13,400		
Mosaic Tile	2%			2039	* *	5	\$3,100		
Vinyl Tile	90%	4+	\$10,000	2031	* *	3	\$20,600		
Broken/Missing Elements, Extent : Light, Area Affected : 2%									
Location : 1st Floor Cafeteria									
Interior Walls									
Ceramic Tile	2%			2035	* *	5	\$1,000		
Concrete Masonry Unit	2%			LIFE	* *	5	\$800		
Masonry: Brick	2%			LIFE	* *	10	\$300		
Plaster	94%	Now	\$7,700	LIFE	* *	5	\$13,400		
Water Penetration, Extent : Moderate, Area Affected : 3%									
Location : Basement Room B03, Second Floor, Meeting Room									

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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
FORT TOTTEN - BLDG. # 405 EMS ACADEMY - CFR TRAINING
Asset # : 13772

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

AcousTile,Adhered 10% Now \$1,200 2031 * * 5 \$3,100

Broken/Missing Elements, Extent : Moderate, Area Affected : 8%

Location : Second Floor, Rooms 203, 210 And Hallway

AcousTileSusp.Lay-In 30% 2039 * * 5 \$18,300

Plaster 60% Now \$25,700 LIFE * * 5 \$22,900

Paint Peeling, Extent : Light, Area Affected : 10%

Location : 2nd Floor Classrooms

Water Penetration, Extent : Moderate, Area Affected : 12%

Location : Basement Rm B03, 2nd Floor Offices.

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

Under 600 Volts

Service Equipment

Molded Case Bkrs 100% 2046 * * 5 \$600

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

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

Location : Outside Next To Generator

Explanation : 112.5 Kva Transformer

Raceway

Conduit 33% 2052 * * 1

Conduit 67% 2036 * * 1

Panelboards

Molded Case Bkrs 100% 2042 * * 5 \$600

Wiring

Thermoplastic 33% 2052 * * 1

Thermoplastic 67% 2036 * * 1

Ground

Grounding Devices

Generic 100% LIFE * * 5 \$700

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

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.
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FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 405 EMS ACADEMY - CFR TRAINING
Asset # : 13772

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
Stand-by Power								
Generators								
Diesel	100%			2035	* *	1	\$8,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : 80 Kw Cummins Generator								
Batteries								
Lead/Acid	100%			2020	\$1,600	5	\$800	
Fuel Storage								
Main Tank	100%			2054	* *	5	\$700	
Lighting								
Interior Lighting								
Fluorescent	90%			2026	\$112,500	10	\$18,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Using T8 And T12 Lamps								
Incandescent	10%			2031	* *	2	\$100	
Egress Lighting								
Emergency, Service	50%			2026	\$5,900	1		
Exit, Service	50%			2026	\$3,200	1		
Exterior Lighting								
HID	10%			2021	\$9,000	10		
HID	50%			2031	* *	10		
No Component	40%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	* *	1	\$2,500	

Mechanical		Current Repair		Future Replacement		Maintenance		
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%			2046	* *	5	\$6,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2,000 Gallon Double Wall Monitored Tank								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	\$22,200	
Distribution								
Steam Piping/Pump	100%			2036	* *	4	\$1,100	
Terminal Devices								
Convactor/Radiator	100%			2031	* *	1	\$7,200	
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.
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** 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			
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	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Room 200							
		Explanation : Refrigerant 410a							
	Window/Wall Unit	95%			2021	\$46,700	1		
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
	Water Heater								
	Oil Fired	100%			2024	\$7,400	1	\$700	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 1 - 70 Gallon Unit							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Rigid Piping	100%			2026	\$11,800	4	\$2,500	
	Backflow Preventer								
	No Component	95%							
	Generic	5%			2034	* *	1	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Serves Boiler Only							
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	80%							
	Generic	20%			2046	* *	1-2	\$1,300	

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 409 A&B EMS ADMIN,RESEARCH & DEVELOPMENT
Address : 409 SHORE ROAD
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.409 / 13774 **Yr Built/Renovated** : 1906 /
Area Sq Ft : 13,728 **Project Type** : FIRE DEPARTMENT
Date of Survey : 05-Jun-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 5917 **Lot** : 1 **BIN** :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$37,800	\$37,800
Interior Architecture	\$56,600	
Total	\$94,400	\$37,800
Importance Code A	\$37,800	\$37,800
Importance Code B	\$56,600	
Total	\$94,400	\$37,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$36,700	\$4,300		
Interior Architecture	\$40,000		\$500	\$200
Electrical	\$6,000	\$1,100	\$1,500	\$1,100
Mechanical	\$1,700	\$1,700	\$1,700	\$2,600
Total	\$84,400	\$7,000	\$3,600	\$4,000
Importance Code A	\$38,000	\$5,500	\$1,300	\$1,300
Importance Code B	\$41,500	\$1,500	\$2,400	\$2,700
Importance Code C	\$4,900			
Total	\$84,400	\$7,000	\$3,600	\$4,000



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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. # 409 A&B EMS ADMIN,RESEARCH & DEVELOPMENT
Asset # : 13774

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	75%			LIFE	* *	5	\$75,500	
Masonry: Granite	10%			LIFE	* *	5	\$7,600	
Wood	15%	Now	\$8,500	2031	* *	5	\$18,900	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Wood Screen @ Rear Porch 409b								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Porches And Eave Located At Rear Facade								
Windows								
Aluminum	100%			2048	* *	5	\$8,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Roll Roofing	10%			2022	\$12,000	5	\$4,500	
Slate	90%	Now	\$22,200	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Interior								
Floors								
Carpet	2%			2022	\$5,200	3	\$800	
Cast in Place Concrete	5%			LIFE	* *	5	\$4,200	
Mosaic Tile	2%			2039	* *	5	\$1,000	
Vinyl Tile	2%			2026	\$3,500	3	\$200	
Wood	89%	Now	\$30,100	2041	* *	5	\$16,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : First Floor								
Interior Walls								
Ceramic Tile	2%	Now	\$300	2035	* *	5	\$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Bathroom								
Concrete Masonry Unit	2%			LIFE	* *	5	\$400	
Masonry: Brick	10%			LIFE	* *	10	\$700	
Plaster	86%	Now	\$3,600	LIFE	* *	5	\$6,400	
Horizontal Cracks, Extent : Light, Area Affected : 2%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 1%								
Location : 2nd Floor Office								
Ceilings								
Embossed Metal	30%			LIFE	* *	5	\$5,200	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Offices								
Plaster	70%	Now	\$56,600	LIFE	* *	5	\$8,400	
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 2nd And 3rd Floor, Various Spaces								

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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 409 A&B EMS ADMIN,RESEARCH & DEVELOPMENT
Asset # : 13774

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2046	* *	5		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 409a And 409b Basement							
	Explanation : Two (2) 100a Fused Disconnect Switch							
Molded Case Bkrs	50%			2046	* *	5	\$200	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 409a And 409b Basement							
	Explanation : Two (2) Service Panels, 225a Rating							
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	\$400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 409a And 409b Basement							
	Explanation : Ground Attached To Main Water Line							
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	\$4,200	
Generators								
Diesel	100%			2035	* *	1	\$5,300	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Building Exterior							
	Explanation : 125 Kw Generator Serves Buildings #409 And #411							
Fuel Storage								
Main Tank	100%			2054	* *	5	\$400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Building Exterior Under Generator							
	Explanation : 250 Gallon Belly Tank							
Lighting								
Interior Lighting								
Fluorescent	95%			2031	* *	10	\$11,200	
	T-8 Lamps, Extent : Light, Area Affected : 100%							
	Location : Throughout The Building							
Incandescent	5%			2021	\$3,600	2		
Exterior Lighting								
Incandescent	50%	0-2	\$4,700	2031	* *	2		
	Obsolete Fixtures, Extent : Light, Area Affected : 100%							
	Location : Building Exterior Porches							
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&B EMS ADMIN,RESEARCH & DEVELOPMENT
Asset # : 13774

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

Alarm

Security System

No Component

75%

Generic

25%

2026

\$11,100

1

\$1,300

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)		

Heating

Energy Source

Fuel Oil No 2

100%

2036

* *

5

\$4,000

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : 2 - 275 Gallon Tanks For Both A And B Side*

Conversion Equipment

Steam Boiler

100%

2039

* *

1

\$12,700

*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

*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

Air Conditioning

Energy Source

Electricity

100%

2034

* *

1

Conversion Equipment

Window/Wall Unit

100%

2021

\$28,200

1

Plumbing

H/C Water Piping

Brass/Copper

100%

2046

* *

1

*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

*Other Observation, Extent : Light, Area Affected : 100%**Location : Basement**Explanation : Domestic Coil In Steam Boiler / A Has 40 Gallon Storage Tank*

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&B EMS ADMIN,RESEARCH & DEVELOPMENT
Asset # : 13774

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									
	Backflow Preventer								
	No Component	95%							
	Generic	5%			2031	* *	1		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Serves Boiler Only							
Fixtures									
	Generic	100%							

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 411 A&B TERRORISM CENTER
Address : 411 SHORE ROAD
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.411 / 13775 **Yr Built/Renovated** : 1906 /
Area Sq Ft : 13,728 **Project Type** : FIRE DEPARTMENT
Date of Survey : 05-Jun-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 5917 **Lot** : 1 **BIN** :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$45,300	\$45,300
Interior Architecture	\$43,100	
Electrical		\$60,900
Total	\$88,500	\$106,200
Importance Code A	\$45,300	\$45,300
Importance Code B	\$43,100	\$60,900
Total	\$88,500	\$106,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$14,300	\$4,300		
Interior Architecture	\$37,300		\$500	\$100
Electrical	\$8,600	\$1,000	\$1,100	\$2,600
Mechanical	\$1,700	\$1,700	\$1,700	\$2,600
Total	\$61,900	\$6,900	\$3,300	\$5,300
Importance Code A	\$15,600	\$5,500	\$1,300	\$1,300
Importance Code B	\$25,600	\$1,400	\$2,000	\$4,100
Importance Code C	\$20,800			
Total	\$61,900	\$6,900	\$3,300	\$5,300



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 411 A&B TERRORISM CENTER
Asset # : 13775

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	90%			LIFE	* *	5	\$90,600	
	Masonry: Granite	10%			LIFE	* *	5	\$7,600	
Windows									
	Aluminum	100%			2048	* *	5	\$8,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Roof									
	Roll Roofing	5%			2022	\$6,000	5	\$2,300	
	Slate	95%	Now	\$9,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%									
Location : Main Roof									
Interior									
Floors									
	Cast in Place Concrete	7%			LIFE	* *	5	\$5,900	
	Mosaic Tile	2%			2039	* *	5	\$1,000	
	Vinyl Tile	5%	4+	\$200	2031	* *	3	\$400	
Broken/Missing Elements, Extent : Light, Area Affected : 1%									
Location : 1st Floor Corridor									
	Wood	86%	2-4	\$11,700	2041	* *	5	\$15,500	
Dry Rot/Decay, Extent : Light, Area Affected : 2%									
Location : Basement Stair Has Termite Damage									
Worn/Eroded, Extent : Moderate, Area Affected : 15%									
Location : 3rd Floor									
Interior Walls									
	Ceramic Tile	2%	Now	\$300	2035	* *	5	\$200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%									
Location : Second Floor Bathroom									
	Masonry: Brick	2%			LIFE	* *	10	\$100	
	Plaster	96%	Now	\$20,300	LIFE	* *	5	\$7,100	
Deteriorated Finish, Extent : Severe, Area Affected : 30%									
Location : Throughout									
Water Penetration, Extent : Light, Area Affected : 15%									
Location : Basement Washroom, 3rd Floor Bathroom									
Ceilings									
	Embossed Metal	20%			LIFE	* *	5	\$3,500	
Paint Peeling, Extent : Light, Area Affected : 10%									
Location : 1st Floor, Throughout									
	Plaster	80%	Now	\$43,100	LIFE	* *	5	\$9,600	
Spalling, Extent : Moderate, Area Affected : 30%									
Location : Basement And Throughout									
Water Penetration, Extent : Light, Area Affected : 15%									
Location : 2nd Floor Bathroom, 3rd Floor Office By Chimney Chase									

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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 411 A&B TERRORISM CENTER
Asset # : 13775

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Fused Disc Sw	50%			2046	* *	5		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Two (2) 100 Amp Fused Disconnect Switches							
	Molded Case Bkrs	50%			2046	* *	5	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Two (2) 225 Amp Electrical Panels Serving Areas A & B							
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	\$400	
Stand-by Power									
Transfer Switches									
	Automatic	100%			2039	* *	1	\$4,200	
Generators									
	Diesel	100%			2035	* *	1	\$5,300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Building Exterior							
		Explanation : 125 Kw Generator Serves Buildings #409 And #411							
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 : Building Exterior							
		Explanation : 250 Gallon Belly Tank							
Lighting									
Interior Lighting									
	Fluorescent	85%			2026	\$60,900	10	\$10,000	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Throughout							
		Explanation : T8 Lamps							
	Incandescent	15%			2026	\$10,700	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.*

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 411 A&B TERRORISM CENTER
Asset # : 13775

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

Lighting

Exterior Lighting

HID	10%			2031	* *	10		
Incandescent	75%	0-2	\$7,100	2031	* *	2		

*Obsolete Fixtures, Extent : Light, Area Affected : 100%**Location : Exterior Porch Areas*

No Component	15%							
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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

Fuel Oil No 2	100%			2026	\$33,800	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	\$28,200	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&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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 413 A&B COUNSELING UNIT
Address : 413 SHORE ROAD
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.413 / 13776 **Yr Built/Renovated** : 1906 /
Area Sq Ft : 13,728 **Project Type** : FIRE DEPARTMENT
Date of Survey : 09-Jun-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 5917 **Lot** : 1 **BIN** :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$439,800	\$78,000
Electrical		\$43,000
Total	\$439,800	\$120,900
Importance Code A	\$439,800	\$78,000
Importance Code B		\$43,000
Total	\$439,800	\$120,900

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$11,800			
Interior Architecture	\$48,900		\$15,300	\$100
Electrical	\$11,200			
Mechanical	\$1,700	\$2,300	\$1,700	\$2,000
Total	\$73,600	\$2,300	\$17,000	\$2,100
Importance Code A	\$13,100	\$1,300	\$1,300	\$1,300
Importance Code B	\$39,800	\$1,100	\$15,800	\$800
Importance Code C	\$20,700			
Total	\$73,600	\$2,300	\$17,000	\$2,100



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

Maintenance \$ are aggregated over a ten-year period. 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&B COUNSELING UNIT
Asset # : 13776

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%	Now	\$56,800	LIFE	* *	5	\$35,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Chimneys Are Missing Bricks								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Chimneys								
Masonry: Granite	20%			LIFE	* *	5	\$15,100	
Wood	10%	Now	\$113,000	2039	* *	5	\$12,600	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Soffits, Trim, Gutters, Fascias								
Split/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 65%								
Location : Porch Floors, Rails Columns								
Windows								
Wood	90%	Now	\$115,400	2042	* *	5	\$38,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Paint Peeling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Wood	10%			2042	* *	5	\$8,500	
Roof								
Modified Bitumen	30%	2-4	\$50,900	2036	* *			
Alligatoring, Extent : Moderate, Area Affected : 100%								
Location : Porch Roofs, Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Porch Roofs, Throughout								
Slate	70%	Now	\$103,700	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Main Roof, Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Flashing At Chimneys								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Attic Spaces Below Roof								

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&B COUNSELING UNIT
Asset # : 13776

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	10%	Now	\$400	LIFE	* *	5	\$4,200	
		Cracking/Crumbling, Extent : Light, Area Affected : 2%							
		Location : Throughout							
	Ceramic Tile	2%	Now	\$1,600	2035	* *	5	\$200	
		Cracking/Crumbling, Extent : Light, Area Affected : 5%							
		Location : Bathrooms							
	Vinyl Tile	3%	Now	\$1,000	2031	* *	3	\$200	
		Broken/Missing Elements, Extent : Light, Area Affected : 2%							
		Location : Kitchen Area							
	Wood	85%			2054	* *	5	\$30,600	
Interior Walls									
	Ceramic Tile	2%	2-4	\$1,500	2035	* *	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 10%							
		Location : Bathrooms							
		Explanation : Tile Will Need To Be Replaced From Lifting.							
	Masonry: Brick	5%			LIFE	* *	10	\$400	
		Paint Peeling, Extent : Moderate, Area Affected : 80%							
		Location : Basement							
	Granite Panels	21%			LIFE	* *	10	\$2,100	
	Plaster	70%	Now	\$14,800	LIFE	* *	5	\$5,200	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
		Location : Basement							
		Paint Peeling, Extent : Moderate, Area Affected : 25%							
		Location : Basement							
		Water Penetration, Extent : Moderate, Area Affected : 10%							
		Location : Various Locations							
	Wood	2%			LIFE	* *	5	\$4,000	
Ceilings									
	Embossed Metal	10%			LIFE	* *	5	\$1,700	
		Paint Peeling, Extent : Light, Area Affected : 5%							
		Location : 1st Floor							
	Plaster	90%	Now	\$24,300	LIFE	* *	5	\$10,800	
		Broken/Missing Elements, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Paint Peeling, Extent : Light, Area Affected : 10%							
		Location : Basement, Bathrooms							
		Worn/Eroded, Extent : Moderate, Area Affected : 10%							
		Location : Basement							

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

Under 600 Volts

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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 413 A&B COUNSELING UNIT
Asset # : 13776

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			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	\$6,100	2051	* *	1		
<i>Insulation Aged, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Building.</i>								
Thermoplastic	30%			2036	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$400	
Lighting								
Interior Lighting								
Fluorescent	30%			2026	\$21,500	10	\$3,500	
Incandescent	60%			2021	\$43,000	2	\$200	
LED	10%			2034	* *			
Exterior Lighting								
HID	50%			2026	\$27,700	10		
Incandescent	50%	0-2	\$4,700	2031	* *	2		
<i>Obsolete Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Porch Areas</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								
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&B COUNSELING UNIT
Asset # : 13776

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	\$28,200	1		
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
	HW Heat Exchanger								
	Low Temp	100%			2046	* *	4	\$1,900	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : Domestic Coils In Boilers, No Storage On B Side, 40 Gallon Storage Tank On A Side.								
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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 415 FLSTP - DINING HALL
Address : 415 WEAVER ROAD
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.415 / 13777 **Yr Built/Renovated** : 1906 /
Area Sq Ft : 9,894 **Project Type** : FIRE DEPARTMENT
Date of Survey : 09-Jun-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 5917 **Lot** : 1 **BIN** :

CAPITAL		FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$36,600	
Interior Architecture		\$139,400	
Electrical			\$5,300
Total		\$176,000	\$5,300
Importance Code A		\$36,600	
Importance Code B		\$87,300	\$5,300
Importance Code C		\$52,100	
Total		\$176,000	\$5,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$53,800			
Interior Architecture	\$30,100		\$2,700	
Electrical	\$30,200			
Mechanical	\$1,300	\$1,700	\$1,300	\$1,500
Total	\$115,300	\$1,700	\$4,000	\$1,500
Importance Code A	\$54,700	\$900	\$900	\$900
Importance Code B	\$58,300	\$800	\$3,000	\$600
Importance Code C	\$2,300			
Total	\$115,300	\$1,700	\$4,000	\$1,500



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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	40%	Now	\$10,500	LIFE	* *	5	\$6,500	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : A Side Front Entrance								
Masonry: Brick	30%			LIFE	* *	5	\$9,800	
Masonry: Granite	20%			LIFE	* *	5	\$4,900	
Wood	10%	Now	\$36,600	2039	* *	5	\$4,100	
Paint Peeling, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Replacement Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Porch Floors (Ply-wood Replacement Deteriorating)								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Explanation : Rotted Wood On Porch Floors And Frieze Boards Above Porches.								
Windows								
Wood	100%	Now	\$17,900	2051	* *	5	\$2,200	
Glazing Broken/Cracked, Extent : Light, Area Affected : 40%								
Location : Throughout								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : All								
Paint Peeling, Extent : Severe, Area Affected : 100%								
Location : All								
Roof								
Roll Roofing	30%	2-4	\$3,100	2028	* *	5	\$2,900	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Throughout Porch Roofs								
Slate	70%	Now	\$14,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Attic Spaces Below Roof, Chimney								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : All.								
Explanation : All Roof Flashing Rusted And Or Lifting.								
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		
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	36%	Now	\$2,900	LIFE	* *	5	\$11,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement.								
Ceramic Tile	2%	Now	\$1,200	2035	* *	5	\$100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Broken/ Missing Tiles Throughout								
Vinyl Tile	2%	Now	\$2,600	2036	* *	3	\$100	
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Kitchen And Storage Area On A Side								
Explanation : Vinyl Floor Has Gaps Missing Pieces And Delamination.								
Wood	40%	0-2	\$20,200	2054	* *	5	\$5,400	
Deteriorated Finish, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Wood	20%			2054	* *	5	\$5,400	
Interior Walls								
Ceramic Tile	2%	Now	\$800	2035	* *	5	\$100	
Broken/Missing Elements, Extent : Light, Area Affected : 4%								
Location : Bathrooms								
Gypsum Board	2%			LIFE	* *	5-10	\$500	
Masonry: Brick	5%			LIFE	* *	10	\$200	
Metal Panel	2%			LIFE	* *	10	\$100	
Granite Panels	15%			LIFE	* *	10	\$800	
Plaster	74%	Now	\$52,100	LIFE	* *	5	\$3,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : A Side, Throughout								
Deteriorated Finish, Extent : Severe, Area Affected : 60%								
Location : Throughout, Mostly A Storage Side								
Ceilings								
Embossed Metal	15%			LIFE	* *	5	\$2,000	
Plaster	85%	Now	\$87,300	LIFE	* *	5	\$7,800	
Loose/Delam Surface, Extent : Severe, Area Affected : 40%								
Location : Throughout								

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2046	* *	5		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2-100 Amp Service Switches							
	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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	\$300	
Wiring								
Braided Cloth	70%	0-2	\$6,100	2051	* *	1		
Insulation Aged, Extent : Light, Area Affected : 100%								
Location : Throughout Building.								
Thermoplastic	30%			2036	* *	1		
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	\$100	
Generic	50%	Now	\$2,500	LIFE	* *	5	\$100	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement Bldg 415a								
Explanation : Ground Wire Not Connected To Clamp On Water Pipe.								
Lighting								
Interior Lighting								
Fluorescent	10%			2026	\$5,300	10	\$900	
Incandescent	10%			2021	\$5,300	2		
Incandescent	80%	Now	\$21,300	2031	* *	2	\$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building.								
Explanation : Damaged Fixtures And Missing At Some Locations.								
Exterior Lighting								
HID	50%			2031	* *	10		
Incandescent	50%			2021	\$17,000	2		

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								
	Fuel Oil No 2	100%			2036	* *	5	\$3,000	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 275 Gallon Tanks							
Conversion Equipment									
	Steam Boiler	100%			2039	* *	1	\$9,500	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement Mechanical Room							
		Explanation : (2) Oil Fired Steam Boiler.							
Distribution									
	Steam Piping/Pump	100%			2036	* *	4	\$500	
Terminal Devices									
	Convactor/Radiator	100%			2031	* *	1	\$3,100	

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

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

*** 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	\$4,200	1		
	No Component	80%							
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
	HW Heat Exchanger								
	Low Temp	100%			2046	* *	4	\$1,400	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Domestic Coils, 40 Gallon Storage B Side							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	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.*

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 418 A&B SCUBA SUPPORT/FT TOTTEN OPER.
Address : 418 WEAVER ROAD
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.418 / 13778 **Yr Built/Renovated** : 1906 /
Area Sq Ft : 10,935 **Project Type** : FIRE DEPARTMENT
Date of Survey : 09-Jun-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 5917 **Lot** : 1 **BIN** :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$98,700	
Electrical		\$45,800
Total	\$98,700	\$45,800
Importance Code A	\$98,700	
Importance Code B		\$45,800
Total	\$98,700	\$45,800

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$34,100			
Interior Architecture	\$39,200		\$2,800	\$100
Electrical	\$8,700			
Mechanical	\$1,200	\$1,800	\$1,200	\$1,300
Total	\$83,200	\$1,800	\$4,000	\$1,400
Importance Code A	\$34,900	\$800	\$800	\$800
Importance Code B	\$39,000	\$1,000	\$3,200	\$600
Importance Code C	\$9,300			
Total	\$83,200	\$1,800	\$4,000	\$1,400



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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 418 A&B SCUBA SUPPORT/FT TOTTEN OPER.
Asset # : 13778

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	75%			LIFE	* *	5	\$14,300	
	Granite Panels	15%			LIFE	* *	5	\$2,100	
	Wood	10%	Now	\$21,300	2031	* *	5	\$2,400	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
	Location : Porch Soffit On B Side								
	Paint Peeling, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Split/Cracked, Extent : Moderate, Area Affected : 100%								
	Location : Porch Floors, Throughout								
Windows									
	Aluminum	10%			2042	* *	5	\$200	
	Wood	90%	Now	\$58,000	2051	* *	5	\$9,700	
	Air Infiltration, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 50%								
	Location : Throughout.								
	Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Caulking Deteriorated, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
Roof									
	Modified Bitumen	35%	Now	\$40,700	2036	* *			
	Alligatoring, Extent : Moderate, Area Affected : 100%								
	Location : Porch Roofs, Throughout								
	Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%								
	Location : Porch Roofs, Throughout								
	Worn/Eroded, Extent : Moderate, Area Affected : 100%								
	Location : Porch Roofs, Throughout								
	Slate	65%	Now	\$4,400	LIFE	* *			
	Broken/Missing Elements, Extent : Light, Area Affected : 5%								
	Location : Throughout								

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&B SCUBA SUPPORT/FT TOTTEN OPER.
Asset # : 13778

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	10%	Now	\$600	LIFE	* *	5	\$2,200	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%	Now	\$1,000	2035	* *	5	\$200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms.								
Vinyl Tile	10%	4+	\$500	2026	\$9,100	3	\$400	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : 1st Floor Kitchen On B Side								
Wood	45%	Now	\$15,800	2054	* *	5	\$4,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor, B Side, Throughout.								
Wood	30%			2054	* *	5	\$5,600	
Interior Walls								
Ceramic Tile	5%	Now	\$1,100	2035	* *	5	\$400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms.								
Masonry: Brick	10%			LIFE	* *	10	\$400	
Granite Panels	5%			LIFE	* *	10	\$300	
Plaster	75%	Now	\$4,600	LIFE	* *	5	\$3,200	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout.								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout.								
Wood	5%			LIFE	* *	5	\$5,800	
Ceilings								
Embossed Metal	20%			LIFE	* *	5	\$1,800	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : 1st Floor, Throughout								
Plaster	80%	Now	\$11,200	LIFE	* *	5	\$5,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 3%								
Location : 1st Floor Bathroom								

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Under 600 Volts									
	Service Equipment								
	Fused Disc Sw	100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%									
Location : Basement Hallway.									
Explanation : Two (2) 100 Amp Service Switches									

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

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

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 418 A&B SCUBA SUPPORT/FT TOTTEN OPER.
Asset # : 13778

Electrical		Current 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	70%			2026	\$2,800	1		
	Conduit	30%			2046	* *	1		
Panelboards									
	Fused Disc Sw	50%			2042	* *	5	\$100	
	Molded Case Bkrs	50%			2042	* *	5	\$100	
Wiring									
	Thermoplastic	70%			2026	\$6,100	1		
	Thermoplastic	30%			2036	* *	1		
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$300	
Lighting									
Interior Lighting									
	Fluorescent	75%			2026	\$45,800	10	\$7,500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout Bldg.								
	Explanation : T-8 Fixtures In Use.								
	Incandescent	25%			2021	\$15,300	2	\$100	
Exterior Lighting									
	HID	25%			2021	\$11,000	10		
	Incandescent	75%	0-2	\$8,400	2031	* *	2		
	Obsolete Fixtures, Extent : Light, Area Affected : 100%								
	Location : Porches Areas								
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									
	Fuel Oil No 2	100%			2036	* *	5	\$3,400	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : 2 - 275 Gallon Tanks Each Side								
Conversion Equipment									
	Hot Water Boiler	50%			2039	* *	1	\$2,700	
	Steam Boiler	50%			2039	* *	1	\$5,400	
Distribution									
	Hot Wtr Piping/Pump	50%			2034	* *	4	\$400	
	Steam Piping/Pump	50%			2036	* *	4	\$300	
Terminal Devices									
	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&B SCUBA SUPPORT/FT TOTTEN OPER.
Asset # : 13778

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									
	Conversion Equipment								
	Window/Wall Unit	100%			2021	\$24,000	1		
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
	HW Heat Exchanger								
	Low Temp	100%			2046	* *	4	\$1,600	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : Domestic Coil In Boiler / No Storage					
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Backflow Preventer								
	No Component	95%							
	Generic	5%			2031	* *	1		
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement					
				Explanation : Serves Boiler Only					
	Fixtures								
	Generic	100%							

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FORT TOTTEN - BLDG. # 420 A&B FIRE BOROUGH CMD/EMS BOROUGH CMD
Address : 420 WEAVER ROAD
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0020.420 / 13779 **Yr Built/Renovated** : 1906 /
Area Sq Ft : 10,935 **Project Type** : FIRE DEPARTMENT
Date of Survey : 09-Jun-2015 **Landmark Status** : HISTORICAL LANDMARK DISTRICT
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 5917 **Lot** : 1 **BIN** :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$126,700	
Electrical		\$101,200
Total	\$126,700	\$101,200
Importance Code A	\$126,700	
Importance Code B		\$101,200
Total	\$126,700	\$101,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$37,000			
Interior Architecture	\$53,100		\$3,800	\$500
Electrical	\$300			
Mechanical	\$1,300	\$1,900	\$1,300	\$1,600
Total	\$91,700	\$1,900	\$5,100	\$2,100
Importance Code A	\$38,000	\$1,000	\$1,000	\$1,000
Importance Code B	\$44,900	\$800	\$4,100	\$600
Importance Code C	\$8,800			\$500
Total	\$91,700	\$1,900	\$5,100	\$2,100



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

Maintenance \$ are aggregated over a ten-year period. 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&B FIRE BOROUGH CMD/EMS BOROUGH CMD
Asset # : 13779

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	75%			LIFE	* *	5	\$60,200	
Granite Panels	5%			LIFE	* *	5	\$3,000	
Wood	20%	Now	\$45,000	2039	* *	5	\$20,100	
Paint Peeling, Extent : Moderate, Area Affected : 100%								
Location : Siding, Porches And Soffits								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Porch Floors								
Windows								
Wood	100%	Now	\$81,700	2051	* *	5	\$34,000	
Air Infiltration, Extent : Moderate, Area Affected : 10%								
Location : Throughout.								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Roof								
Asphalt Shingle	70%			2035	* *	10	\$2,500	
Roll Roofing	30%			2022	\$28,800	5	\$10,900	
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$6,700	
Ceramic Tile	5%			2041	* *	5	\$800	
Vinyl Tile	10%			2031	* *	3	\$600	
Wood	50%	Now	\$13,500	2054	* *	5	\$7,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : B Side, Throughout.								
Wood	25%			2054	* *	5	\$7,200	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	\$1,000	
Masonry: Brick	25%			LIFE	* *	10	\$1,500	
Granite Panels	5%			LIFE	* *	10	\$400	
Plaster	55%			LIFE	* *	5-10	\$9,200	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Stairwell								
Wood	10%	Now	\$900	LIFE	* *	5	\$7,900	
Worn/Eroded, Extent : Light, Area Affected : 5%								
Location : Attic Bedroom								
Ceilings								
Embossed Metal	10%			LIFE	* *	5	\$1,400	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Embossed Ceiling.								
Plaster	80%			LIFE	* *	5-10	\$21,000	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Various Locations								
Wood	10%			LIFE	* *	5	\$26,800	

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. # 420 A&B FIRE BOROUGH CMD/EMS BOROUGH CMD
Asset # : 13779

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Front Room.								
Explanation : 1-200 Amp Service Switch Serving Both Buildings.								
Raceway								
Conduit	60%			2026	\$2,400	1		
Conduit	40%			2046	* *	1		
Panelboards								
Fused Disc Sw	50%			2042	* *	5	\$100	
Molded Case Bkrs	50%			2042	* *	5	\$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Branch Circuit Panel.								
Wiring								
Thermoplastic	60%			2026	\$5,200	1		
Thermoplastic	40%			2046	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	
Stand-by Power								
Batteries								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2026	\$57,100	10	\$9,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Bldg.								
Explanation : T-8 Fixtures.								
Exterior Lighting								
HID	100%			2026	\$44,100	10		

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								
Fuel Oil No 2	100%			2036	* *	5	\$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : A & B Sides -2- 275 Gallon Tanks								
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&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	\$22,500	1		
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2046	* *	1		
	HW Heat Exchanger								
	Low Temp	100%			2046	* *	4	\$1,500	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : Domestic Coil In Boilers With 40 Gallon Storage Tanks								
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Backflow Preventer									
	No Component	95%							
	Generic	5%			2031	* *	1		
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : Serves Boiler Only								
Fixtures									
	Generic	100%							

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

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

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

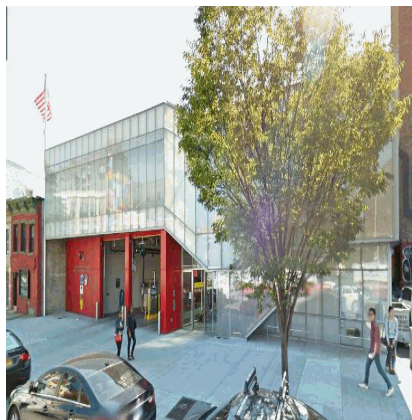
Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : GREENPOINT EMS STATION 35
Address : 332 METROPOLITAN AVE @ ROEBLING ST.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIREMSS.035 / 14770 **Yr Built/Renovated** : 2013 /
Area Sq Ft : 9,800 **Project Type** : FIRE DEPARTMENT
Date of Survey : 29-Jan-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 2368 **Lot** : 12 **BIN** : 3391565

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$58,400
Total		\$58,400
Importance Code A		\$58,400
Total		\$58,400

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$55,800	\$4,000		
Interior Architecture	\$55,000	\$4,100	\$4,800	
Electrical	\$400	\$300	\$300	\$300
Mechanical	\$4,300	\$1,500	\$2,100	\$2,400
Total	\$115,600	\$9,800	\$7,200	\$2,600
Importance Code A	\$56,300	\$4,500	\$500	\$500
Importance Code B	\$43,300	\$5,300	\$6,500	\$2,200
Importance Code C	\$15,900		\$200	
Total	\$115,600	\$9,800	\$7,200	\$2,600



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

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

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

FIRE DEPARTMENT - 057
GREENPOINT EMS STATION 35
Asset # : 14770

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	12%			LIFE	* *	5	\$3,600	
Metal/Glass Curt Wall	32%			LIFE	* *	5	\$29,200	
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Central Stair And Breezeway - Main Facade								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Perimeter Gaskets - Main Facade								
Metal Panel	48%			2052	* *	5-10	\$80,300	
Metal Sect. OHD	8%			2043	* *	5	\$6,100	
Windows								
Aluminum	15%			2048	* *	5	\$200	
No Component	85%							
Parapets								
Concrete Masonry Unit	45%			LIFE	* *	5-10	\$4,300	
Metal/Glass Curt Wall	15%			2052	* *	5	\$1,000	
Metal Panel	25%	Now	\$700	2052	* *	5	\$800	
Miss/Damaged Copings, Extent : Severe, Area Affected : 8%								
Location : Street Facade								
Other Observation, Extent : Severe, Area Affected : 8%								
Location : Street Facade At Pedestrian Entrance								
Explanation : Water Cascading From Coping Above And Then Freezing Causes Icicles To Drop Onto Sidewalk								
Metal: Cage/Fence	15%			2043	* *	5-10	\$2,000	
Roof								
IRMA/Protected Membrane	60%			2034	* *	10	\$4,900	
Plaza Roof: Stone Panels	15%			2052	* *			
Skylight, Metal/Glass	13%			2052	* *	10	\$3,500	
Sloped Glazing	12%			LIFE	* *	5	\$26,000	
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	* *	5	\$51,200	
Ceramic Tile	3%			2039	* *	5	\$500	
Sheet Vinyl/Rubber	32%			2034	* *	5	\$8,600	
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *	10	\$7,000	
Ceramic Tile	2%			2039	* *	5	\$400	
Concrete Masonry Unit	40%			LIFE	* *	5	\$6,000	
Concrete Masonry Unit	15%			LIFE	* *	5	\$2,300	
Glass: Single Pane	10%			LIFE	* *	5	\$2,800	
Gypsum Board	15%			LIFE	* *	5-10	\$4,800	
Metal Panel	3%			LIFE	* *	10	\$300	

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

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

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

FIRE DEPARTMENT - 057
GREENPOINT 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	

Interior

Ceilings

AcousTile,Adhered	20%			2043	**	5	\$3,600	
AcousTileSusp.Lay-In	25%			2043	**	5	\$4,500	
Exposed Concrete	20%			LIFE	**	5-10	\$4,500	
Gypsum Board	10%			LIFE	**	5-10	\$6,200	
Metal Panel	25%			LIFE	**	5	\$11,300	

Electrical		Current Repair		Future 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%			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	\$200	

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	\$300	
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Lighting

Interior Lighting

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

Location : Throughout The Building

Fluorescent	10%			2036	**	10	\$900	
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Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Egress Lighting

Emergency, Battery	50%			2036	**	10	\$1,200	
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Exit, Service	50%			2036	**	1		
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FIRE DEPARTMENT - 057
GREENPOINT EMS STATION 35
Asset # : 14770

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								
Exterior Lighting								
Fluorescent	40%			2036	* *	10	\$400	
HID	60%			2036	* *	10		
Alarm								
Security System								
No Component	30%							
Generic	70%			2036	* *	1	\$2,600	
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *			
Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	\$4,900	
<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	\$500	
Terminal Devices								
Air Handler	60%			2036	* *	1	\$3,600	
Fan Coil Unit/Heat	20%			2036	* *	1	\$600	
Unit Heater-Stm/HW	20%			2036	* *	4	\$200	
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Ext Pkg Unit - Cooling	75%			2036	* *	2	\$500	
<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	\$8,700	
Exhaust Fans								
Interior	10%			2036	* *	2		
Roof	90%			2036	* *	2	\$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater								
Gas Fired	100%			2026	\$2,200	2	\$100	

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FIRE DEPARTMENT - 057
GREENPOINT EMS STATION 35
Asset # : 14770

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								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sewage Ejector(s)								
	Electric	100%			2036	* *	4	\$1,600	
	Backflow Preventer								
	Generic	100%			2036	* *	1	\$600	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	10%							
	Generic	90%			2056	* *	1-2	\$2,500	

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Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT
Address : 253 LAFAYETTE STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIRSLAD.020 / 13218 **Yr Built/Renovated** : 1965 /
Area Sq Ft : 28,866 **Project Type** : FIRE DEPARTMENT
Date of Survey : 26-May-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 495 **Lot** : 7 **BIN** : 1007523

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$148,900	
Interior Architecture		\$147,700
Electrical	\$64,300	\$171,700
Mechanical	\$229,800	\$42,800
Total	\$443,000	\$362,200
Importance Code A	\$148,900	
Importance Code B	\$294,100	\$362,200
Total	\$443,000	\$362,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$43,300		\$1,500	
Interior Architecture	\$141,200		\$1,100	\$6,600
Electrical	\$4,200	\$2,300	\$3,000	\$2,700
Mechanical	\$33,200	\$12,400	\$11,000	\$15,900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$225,900	\$18,700	\$20,600	\$29,200
Importance Code A	\$45,300	\$1,700	\$3,600	\$1,700
Importance Code B	\$122,700	\$16,900	\$17,000	\$24,500
Importance Code C	\$57,900			\$3,000
Total	\$225,900	\$18,700	\$20,600	\$29,200



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
LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT
Asset # : 13218

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$4,900	
	Exposed Reinforcement, Extent : Light, Area Affected : 5%							
	Location : Above Garage Door							
Masonry: Brick	85%			LIFE	* *	5	\$16,500	
	Cracking/Crumbling, Extent : Light, Area Affected : 2%							
	Location : Roll Up Gate For Underground Parking							
	Spalling, Extent : Light, Area Affected : 2%							
	Location : Front Of Building Around Door And Garage Doors							
Metal Sect. OHD	10%			2039	* *	5	\$3,000	
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Apparatus Floor							
	Explanation : Dents In Lower Panel							
Windows								
Aluminum	100%	2-4	\$26,100	2051	* *	5	\$300	
	Air Infiltration, Extent : Light, Area Affected : 75%							
	Location : Throughout							
	Unit Inoperable, Extent : Moderate, Area Affected : 75%							
	Location : Various Throughout							
Parapets								
Masonry: Brick	80%	Now	\$3,300	LIFE	* *	5	\$1,200	
	Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 5%							
	Location : 4th Floor Roof.							
Masonry: Limestone	20%			LIFE	* *	5-10	\$3,600	
Roof								
Modified Bitumen	100%	0-2	\$148,900	2036	* *			
	Alligatoring, Extent : Moderate, Area Affected : 100%							
	Location : 4th Floor Roof							
	Blisters, Extent : Light, Area Affected : 2%							
	Location : 4th Floor Roof.							
	Deteriorated Finish, Extent : Moderate, Area Affected : 100%							
	Location : 4th Floor Roof							

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
LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT
Asset # : 13218

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								
Carpet	10%	Now	\$26,900	2022	\$53,900	3	\$6,500	
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : 2nd And 3rd Floor Offices								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : 2nd And 3rd Floor Offices								
Cast in Place Concrete	50%	Now	\$11,000	LIFE	* *	5	\$47,300	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : South Side Apparatus Floor.								
Ceramic Tile	5%			2029	* *	5	\$2,200	
Terrazzo	5%			LIFE	* *	5	\$3,400	
Vinyl Tile	28%	Now	\$5,000	2026	\$100,500	3	\$4,500	
Worn/Eroded, Extent : Light, Area Affected : 15%								
Location : Various Throughout.								
Wood	2%			2066	* *	5	\$1,600	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	\$14,900	
Ceramic Tile	10%			2035	* *	5	\$5,900	
Concrete Masonry Unit	5%	Now	\$6,400	LIFE	* *	5	\$1,200	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Entry To Stair At Apparatus Floor								
Horizontal Cracks, Extent : Light, Area Affected : 2%								
Location : Stair Shaft.								
Vertical Cracks, Extent : Light, Area Affected : 2%								
Location : Stair Shaft.								
Gypsum Board	30%			LIFE	* *	5-10	\$30,300	
Plaster	15%	Now	\$3,500	LIFE	* *	5	\$2,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Locker								
SGFT/Glazed Masonry	30%	Now	\$13,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Apparatus Floor.								

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

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

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

FIRE DEPARTMENT - 057
LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT
Asset # : 13218

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									
AcousTileConcealSpLn	10%	Now	\$3,400	2031	* *	5	\$2,700		
Broken/Missing Elements, Extent : Light, Area Affected : 5%									
Location : 4th Floor Offices And Kitchen									
Staining/Discoloring, Extent : Light, Area Affected : 5%									
Location : 4th Floor Offices And Kitchen									
AcousTileSusp.Lay-In	20%	Now	\$3,400	2031	* *	5	\$4,300		
Broken/Missing Elements, Extent : Severe, Area Affected : 25%									
Location : 2nd Floor Gymnasium, Bathroom And Linen Closet 2-09.									
Staining/Discoloring, Extent : Moderate, Area Affected : 10%									
Location : 2nd Floor Conference Room.									
Exposed Concrete	30%			LIFE	* *	5-10	\$16,200		
Gypsum Board	10%			LIFE	* *	5-10	\$14,900		
Plaster	30%	Now	\$8,300	LIFE	* *	5	\$8,100		
Cracking/Crumbling, Extent : Severe, Area Affected : 25%									
Location : 2nd Floor Locker									

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Molded Case Bkrs	100%			2026	\$4,700	5	\$800	
Raceway									
	Conduit	75%			2026	\$23,000	1		
	Conduit	25%			2046	* *	1		
Panelboards									
	Molded Case Bkrs	100%			2025	\$37,700	5	\$800	
Wiring									
	Thermoplastic	100%			2036	* *	1		
Motor Controllers									
	Motor Control Center	100%			2024	\$14,100	5	\$800	
Ground									
Grounding Devices									
	Generic	100%	0-2	\$900	LIFE	* *	5	\$400	
Other Observation, Extent : Severe, Area Affected : 20%									
Location : Basement									
Explanation : Service Ground At Water Main Is Severely Corroded									
Stand-by Power									
Transfer Switches									
	Automatic	100%			2024	\$4,700	1	\$8,900	
Generators									
	Diesel	100%	2-4	\$64,300	2041	* *	1	\$10,100	
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Basement									
Explanation : On Extended 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
LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT
Asset # : 13218

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
Stand-by Power								
Batteries								
Lead/Acid	100%			2017	\$1,500	5	\$1,100	
Fuel Storage								
Day Tank	10%			2034	* *	5	\$500	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : 10 Gallon							
Main Tank	90%			2041	* *	5	\$800	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : 275 Gallon							
Lighting								
Interior Lighting								
Fluorescent	30%			2026	\$54,200	10	\$7,900	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Mostly T-8 Fixtures							
Incandescent	10%			2026	\$18,100	2	\$100	
LED	60%			2034	* *			
Egress Lighting								
Emergency, Battery	1%			2026	\$400	10	\$100	
Exit, Service	98%			2026	\$3,100	1		
Exit, Service	1%	0-2		2036	* *	1		
	Not Functioning, Extent : Severe, Area Affected : 100%							
	Location : Second Floor							
Exterior Lighting								
HID	75%			2021	\$79,800	10	\$100	
Incandescent	25%			2021	\$22,600	2		
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	\$25,600	1	\$3,200	
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%			2021	\$29,200			
	Local/Battery Operated Detect, Extent : Light, Area Affected : 100%							
	Location : Throughout							
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%			2046	* *	1		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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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
Heating								
Conversion Equipment								
Heat Pump	20%			2027	* *	2	\$1,800	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 2nd Floor Mechanical Room							
	Explanation : Serving Interior Space On Upper Floors							
Hot Water Boiler	40%			2039	* *	1	\$5,700	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 2nd Floor Mechanical Room							
	Explanation : Serving Upper Office Spaces							
Steam Boiler	40%			2031	* *	1	\$11,400	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement Mechanical Room							
	Explanation : Serving Ladder Co. 20 Space							
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$70,800	2042	* *	4	\$1,400	
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Various Locations Fan Coil Units							
	Explanation : Controls Broken							
Terminal Devices								
Fan Coil Unit/Heat	95%			2031	* *	1	\$8,900	
Unit Heater-Stm/HW	5%			2026	\$9,100	4	\$200	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Reciprocating	80%	2-4	\$76,500	2036	* *	1	\$9,600	
Compr/Chiller			Malfunctioning, Extent : Moderate, Area Affected : 10%					
			Location : Roof Mechanical Room					
			R-22 Refrigerant, Extent : Light, Area Affected : 100%					
			Location : 2 Chillers					
Window/Wall Unit	15%			2021	\$8,700	1		
No Component	5%							
Distribution								
Chilled Wtr Pipe/Pump	80%	Now	\$5,200	2036	* *	4	\$1,100	
	Leak Evident, Extent : Moderate, Area Affected : 100%							
	Location : 2nd Floor							
No Component	20%							
Terminal Devices								
Fan Coil - Cooling	80%	Now	\$82,500	2031	* *	1	\$6,700	
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Various Locations Fan Coil Units							
	Explanation : Controls Broken							
No Component	20%							
Heat Rejection								
Air Condenser Unit	80%			2026	\$42,800	2	\$16,100	
No Component	20%							

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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
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$25,500	
	Exhaust Fans								
	Roof	100%			2031	* *	2	\$900	
Plumbing									
	H/C Water Piping								
	Brass/Copper	50%			2046	* *	1		
	Galv Iron/Steel	50%			2031	* *	1		
	Water Heater								
	Electric	25%			2021	\$1,100	4	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 2nd Floor							
		Explanation : 50 Gallon Unit							
	Gas Fired	75%			2021	\$4,900	2	\$300	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 120 Gallon Units							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Rigid Piping	100%			2026	\$10,800	4	\$2,500	
	Fixtures								
	Generic	100%							
Vertical Transport									
	Elevators								
	Geared Traction	100%			LIFE	* *			
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement To 4th Floor							
		Explanation : 1 Unit							
Fire Suppression									
	Sprinkler								
	No Component	90%							
	Generic	10%			2046	* *	1-2	\$800	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Sprinklers							
	Chemical System								
	Generic	100%	Now	\$15,300	2024	\$25,500	1-3	\$46,900	
		Not in Service, Extent : Severe, Area Affected : 100%							
		Location : Kitchen							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : LADDER CO. 25/ENGINE CO. 74/ HOOK 25
Address : 205 W 77th STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIRSLAD.025 / 13219 **Yr Built/Renovated** : 1901 / 2005
Area Sq Ft : 13,300 **Project Type** : FIRE DEPARTMENT
Date of Survey : 29-Mar-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 1169 **Lot** : 26 **BIN** : 1030885

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Interior Architecture	\$70,500	
Total	\$70,500	
Importance Code B	\$70,500	
Total	\$70,500	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$36,500		\$2,700	\$4,200
Interior Architecture	\$17,800			
Electrical	\$1,100	\$4,100	\$1,200	\$1,300
Mechanical	\$4,000	\$1,300	\$9,100	\$2,200
Total	\$59,300	\$5,400	\$12,900	\$7,600
Importance Code A	\$37,100	\$700	\$3,300	\$4,800
Importance Code B	\$7,000	\$4,700	\$9,600	\$2,800
Importance Code C	\$15,200			
Total	\$59,300	\$5,400	\$12,900	\$7,600



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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
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	3%	4+	\$3,800	LIFE	* *	5	\$9,400	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Isolated Locations On Street Facing Facade								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	\$6,300	
Masonry: Brick	35%	4+	\$8,300	LIFE	* *	5	\$14,100	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Several Locations On Street Facing Facade								
Masonry: Brick	35%			LIFE	* *	5	\$14,100	
Masonry: Limestone	10%	4+	\$9,500	LIFE	* *	5	\$3,000	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Several Locations On Street Facing Facade								
Masonry: Limestone	10%			LIFE	* *	5	\$3,000	
Metal Sect. OHD	5%			2040	* *	5	\$6,300	
Windows								
Aluminum	100%			2045	* *	5	\$2,100	
Other Observation, Extent : Light, Area Affected : 1%								
Location : 2nd Floor								
Explanation : Detached Insect Screen								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	\$6,100	
Masonry: Brick	45%			LIFE	* *	5	\$1,800	
Metal Panel	35%			2049	* *	5	\$5,300	
Roof								
Modified Bitumen	93%	0-2	\$14,800	2028	* *			
Blisters, Extent : Moderate, Area Affected : 70%								
Location : Various Locations Throughout								
Debris Present, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Several Locations Along Lap Joints								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Middle Of Roof, Localized Build Up Of Residual Soot								
Skylight, Plastic	2%			2040	* *	1		
Sloped Glazing	5%			LIFE	* *	5	\$9,400	
Interior								
Floors								
Cast in Place Concrete	35%			LIFE	* *	5	\$15,200	
Ceramic Tile	10%			2036	* *	5	\$2,000	
Wood	55%	2-4	\$70,500	2051	* *	5	\$10,300	
Deteriorated Finish, Extent : Severe, Area Affected : 75%								
Location : All Wood Flooring								

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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%	0-2	\$3,200	2036	**	5	\$2,900
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 100%**Location : Several Locations Of Cracked Tile Within Apparatus Floor Area*

Concrete Masonry Unit	5%			LIFE	**	5	\$600
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Gypsum Board	5%			LIFE	**	5	\$900
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Masonry: Brick	25%	Now	\$5,600	LIFE	**		
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Kitchen**Explanation : Steel Door To Kitchen Is Not Closing*

Plaster	25%			LIFE	**	5	\$2,200
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*Recent Repair Evident, Extent : Light, Area Affected : 100%**Location : Throughout*

Wood	20%	4+	\$6,400	LIFE	**	5	\$23,600
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*Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 100%**Location : Throughout*

Ceilings

Exposed Struc: Steel	30%			LIFE	**		
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Metal Panel	20%			LIFE	**	5	\$5,000
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Plaster	50%	2-4	\$2,600	LIFE	**	5	\$6,200
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : 2nd Floor Street Side**Explanation : Diagonal Hairline Cracks*

Site Pavements

On-Site Walkways

Pavers	100%			2036	**		
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Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2049	**	5	\$100
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*Recent Installation, Extent : Light, Area Affected : 100%**Location : Basement Service Area**Other Observation, Extent : Light, Area Affected : 100%**Location : Basement Service Area.**Explanation : 600 Amp Service Switch*

Switchgear / Switchboard

Fused Disc Sw	100%			2049	**	5	\$100
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Raceway

Conduit	100%			2049	**	1	
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Panelboards

Molded Case Bkrs	100%			2045	**	5	\$400
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Wiring

Thermoplastic	100%			2049	**	1	
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FIRE DEPARTMENT - 057
LADDER CO. 25/ENGINE CO. 74/ HOOK 25
Asset # : 13219

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									
	Motor Controllers								
	Locally Mounted	100%			2036	* *	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$200	
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2040	* *	1	\$4,100	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement Near Service Area					
				Explanation : Rating Not Visible					
	Generators								
	Diesel	100%			2036	* *	1	\$5,200	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Rear Of Basement					
				Explanation : 80 Kva					
	Batteries								
	Lead/Acid	100%			2018	\$1,500	5	\$500	
	Fuel Storage								
	Main Tank	100%			2051	* *	5	\$400	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : Basement Rear					
				Explanation : 60 Gallon Tank, Shared With Apparatus Fuel Tank					
Lighting									
	Interior Lighting								
	Fluorescent	45%			2031	* *	10	\$5,500	
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : 2nd And 3rd Floors					
				Explanation : Bi- Pin Compact Fluorescent					
	Fluorescent	45%			2031	* *	10	\$5,500	
				T-8 Lamps, Extent : Light, Area Affected : 100%					
				Location : Basement And 1st Floor					
	Incandescent	10%			2028	* *	2		
				Obsolete Fixtures, Extent : Light, Area Affected : 100%					
				Location : 1st Floor Kitchen And Lounge					
				Other Observation, Extent : Light, Area Affected : 100%					
				Location : 1st Floor Kitchen And Lounge					
				Explanation : Downlights					

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FIRE DEPARTMENT - 057
LADDER CO. 25/ENGINE CO. 74/ HOOK 25
Asset # : 13219

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

80% 2031 * * 1
Damaged Fixtures, Extent : Moderate, Area Affected : 20%
Location : Bunkroom (Bulbs Missing)
Other Observation, Extent : Light, Area Affected : 100%
Location : Throughout
Explanation : Unswitched Emergency Light Fixtures Are Integrated With Ceiling Fixture Types

Exit, Service

20% 2031 * * 1
Recent Installation, Extent : Light, Area Affected : 100%
Location : Throughout Building

Exterior Lighting
Fluorescent

100% 2028 * * 10 \$1,200
Inadequate Ltg Level, Extent : Moderate, Area Affected : 100%
Location : Exterior - Front
Other Observation, Extent : Light, Area Affected : 100%
Location : Exterior - Front
Explanation : Operated By Timer

Alarm

Fire/Smoke Detection
No Component
Generic

75%
 25% 2031 * * 1-3 \$2,000
Devices Missing, Extent : Severe, Area Affected : 100%
Location : Smoke Detectors Missing Throughout
Other Observation, Extent : Light, Area Affected : 100%
Location : 2nd Floor
Explanation : Strobe Observed - Other Devices And Control Panel Was Not Observed

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

Heating

Energy Source
Natural Gas

100% 2049 * * 1

Conversion Equipment
Hot Water Boiler

100% 2040 * * 1 \$6,600
Other Observation, Extent : Light, Area Affected : 100%
Location : Basement
Explanation : Hydro- Therm Multi- Temp. 3 Boilers Packaged

Distribution

Hot Wtr Piping/Pump

100% 2045 * * 4 \$1,000

Terminal Devices

Convactor/Radiator

90% 2040 * * 1 \$3,900

Unit Heater-Stm/HW

10% 2031 * * 4 \$100

Air Conditioning

Energy Source
Electricity

100% 2045 * * 1

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FIRE DEPARTMENT - 057
LADDER CO. 25/ENGINE CO. 74/ HOOK 25
Asset # : 13219

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									
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	100%			2031	* *	2	\$800	
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2	\$17,300	
	Heat Rejection								
	Evap Condenser	100%			2031	* *	2	\$9,300	
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,400	
	Exhaust Fans								
	Roof	100%			2031	* *	2	\$400	
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2049	* *	1		
	Water Heater								
	Gas Fired	100%			2022	\$3,000	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - Units 99 Gallons Each							
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Rigid Piping	100%			2028	* *	4	\$1,600	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 Pits With Pumps							
	Backflow Preventer								
	No Component	95%							
	Generic	5%			2031	* *	1		
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : Serves Boiler Only							
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	Generic	100%			2049	* *	1-2	\$3,700	

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Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : MAINTENANCE GARAGE LIC
Address : 48-34 35TH STREET LONG ISLAND CITY
Borough : QUEENS **Agency's Number** : N/A
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 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$40,300	\$578,500
Interior Architecture	\$43,900	\$512,800
Electrical		\$171,100
Mechanical	\$56,200	\$226,200
Total	\$140,300	\$1,488,500
Importance Code A	\$40,300	\$578,500
Importance Code B	\$100,000	\$910,000
Total	\$140,300	\$1,488,500

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$48,000			
Interior Architecture	\$43,200	\$5,200	\$8,700	
Electrical	\$29,000	\$16,500	\$16,500	\$23,200
Mechanical	\$11,500	\$7,300	\$20,600	\$12,000
Total	\$131,600	\$29,100	\$45,900	\$35,200
Importance Code A	\$48,200	\$100	\$100	\$100
Importance Code B	\$75,200	\$29,000	\$45,800	\$35,100
Importance Code C	\$8,300			
Total	\$131,600	\$29,100	\$45,900	\$35,200



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FIRE DEPARTMENT - 057
MAINTENANCE GARAGE LIC
Asset # : 2010

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	75%			LIFE	**	5	\$230,900	
Metal Panel	15%			2051	**	5-10	\$63,500	
Metal Sect. OHD	10%	Now	\$18,800	2038	**	5	\$9,600	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : East Facade Entrance								
Explanation : Bent Warped								
Windows								
Aluminum	95%	Now	\$29,000	2047	**	5	\$1,800	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Carpentry Shop								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Second Floor Offices								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Offices								
Metal Louvers	5%	Now	\$300	2034	**			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Parapets								
Cast in Place Concrete	95%			LIFE	**	5	\$108,600	
Metal Panel	5%			2051	**	5	\$2,100	
Roof								
Modified Bitumen	65%			2033	**	10	\$153,400	
Modified Bitumen	30%	0-2	\$40,300	2033	**			
Ponding, Extent : Moderate, Area Affected : 35%								
Location : Flat Roofs								
Seams Open/Split, Extent : Moderate, Area Affected : 5%								
Location : Flat Roofs								
Skylight, Metal/Glass	5%			2045	**	10	\$39,300	
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	\$115,900	3	\$5,200	
Vinyl Tile	15%			2033	**	3	\$15,700	
Under Construction	5%							
Interior Walls								
Cast in Place Concrete	5%	Now	\$8,300	LIFE	**			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Window Lintel Second Floor Offices								
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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

Interior

Ceilings

AcousTileSusp.Lay-In	25%			2042	* *	5		\$69,800	
Exposed Concrete	50%			LIFE	* *	5		\$21,800	
Exposed Concrete	5%	Now		\$43,900	LIFE	* *	5	\$2,200	

Cracking/Crumbling, Extent : Moderate, Area Affected : 10%

Location : Concrete Beam At Ceiling Over Storage Area

Exposed Struc: Steel	5%			LIFE	* *				
Plaster	10%			LIFE	* *	5		\$17,400	
Under Construction	5%								

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

Under 600 Volts

Service Equipment

Not Accessible	100%								
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Transformers

Dry Type	100%			2042	* *	5		\$800	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Roof

Explanation : 225 Kva, 208/120 V

Switchgear / Switchboard

Air Circuit Breaker	50%			2051	* *	5		\$500	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Generator Room

Explanation : Low Voltage Power Circuit Breaker

Not Accessible	50%								
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Raceway

Conduit	100%			2051	* *	1			
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Panelboards

Fused Disc Sw	2%			2047	* *	5		\$100	
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Molded Case Bkrs	98%			2047	* *	5		\$5,300	
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Wiring

Thermoplastic	100%			2051	* *	1			
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Motor Controllers

Locally Mounted	100%			2042	* *	5		\$1,400	
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Ground

Grounding Devices

Generic	100%			LIFE	* *	5		\$3,000	
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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		
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%			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>								
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$7,600	
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 Gallons Capacity</i>								
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>								
Lighting								
Interior Lighting								
Fluorescent	30%			2033	* *	10	\$51,300	
<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Offices</i>								
Fluorescent	70%			2033	* *	10	\$119,700	
<i>T-5 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Repair Shops</i>								
Egress Lighting								
Emergency, Battery	30%			2033	* *	10	\$13,500	
Exit, Service	70%			2033	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	\$600	
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>								
Fire/Smoke Detection								
Generic, Digital	100%			2033	* *			
<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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

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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
Heating									
	Energy Source								
	Natural Gas	40%			2045	* *	1		
	Interruptible Gas/Dual Fuel	60%			2045	* *	1		
	Conversion Equipment								
	Furnace	40%			2030	* *	1	\$400	
		Other Observation, Extent : Light, Area Affected : 40%							
		Location : Roof							
		Explanation : 4 Units							
	Steam Boiler	60%			2038	* *	1	\$1,100	
		Other Observation, Extent : Light, Area Affected : 60%							
		Location : Basement Boiler Room							
		Explanation : 3 Units							
Distribution									
	Steam Piping/Pump	60%			2025	\$7,600	4	\$100	
	No Component	40%							
Terminal Devices									
	Convactor/Radiator	40%			2030	* *	1	\$200	
	Fan Coil Unit/Heat	20%			2025	\$5,500	1	\$100	
	No Component	40%							
Air Conditioning									
	Energy Source								
	Electricity	100%			2033	* *	1		
	Conversion Equipment								
	Ext Pkg Unit - Cooling	5%			2030	* *	2	\$600	
		R-22 Refrigerant, Extent : Light, Area Affected : 5%							
		Location : Roof							
	Split Unit	10%			2030	* *			
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Roof							
		Explanation : Refrigerant R-410 A							
	Window/Wall Unit	15%			2020	\$56,200	1		
	No Component	70%							
Terminal Devices									
	Fan Coil - Cooling	10%			2030	* *	1	\$6,000	
	No Component	90%							
Heat Rejection									
	Remote Air Cond	10%			2030	* *	2	\$13,000	
	No Component	90%							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$104,000	
	Exhaust Fans								
	Interior	5%			2030	* *	2	\$300	
	Roof	95%			2025	\$137,600	2	\$5,400	

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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	\$42,400	2	\$2,700	
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Sump Pump(s)								
	Rigid Piping	100%			2025	\$10,800	4	\$2,500	
	Fixtures								
	Generic	100%							
Fire Suppression									
	Standpipe								
	Generic	100%			2035	* *	1-5	\$1,000	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 34th Street Side Wall							
		Explanation : Connection							
	Sprinkler								
	No Component	80%							
	Generic	20%			2035	* *	1-2	\$100	
	Chemical System								
	Generic	100%			2023	\$25,500	1-3	\$55,000	

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Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : MARINE 6/MARINE DIVISION/SAFTEY BATTALION
Address : NAVY YARD BLDG. 292
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : FIRSMAR.006 / 14078 **Yr Built/Renovated** : 1893 / 2008
Area Sq Ft : 17,024 **Project Type** : FIRE DEPARTMENT
Date of Survey : 12-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Floors 1,2
Block : **Lot** : **BIN** :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$39,900	
Interior Architecture	\$77,000	
Electrical		\$62,800
Mechanical		\$144,900
Total	\$116,900	\$207,700
Importance Code A	\$39,900	
Importance Code B	\$77,000	\$207,700
Total	\$116,900	\$207,700

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$3,700			\$200
Interior Architecture	\$30,700	\$700		\$1,800
Electrical	\$3,800	\$300	\$14,000	\$300
Mechanical	\$10,200	\$2,800	\$17,400	\$3,900
Total	\$48,400	\$3,800	\$31,400	\$6,200
Importance Code A	\$4,500	\$900	\$900	\$1,100
Importance Code B	\$22,300	\$2,900	\$30,500	\$5,200
Importance Code C	\$21,600			
Total	\$48,400	\$3,800	\$31,400	\$6,200



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FIRE DEPARTMENT - 057
MARINE 6/MARINE DIVISION/SAFTEY BATTALION
Asset # : 14078

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	85%			LIFE	* *	5	\$13,100		
Metal Coiling Doors	5%			2037	* *	5	\$2,400		
Pre-Cast Concrete	10%	Now	\$2,500	LIFE	* *	5	\$5,000		
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%									
Location : Throughout									
Windows									
Aluminum	20%			2040	* *	5	\$400		
Steel	80%	0-2	\$39,900	2032	* *	5	\$9,800		
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 70%									
Location : Throughout									
Glazing Broken/Cracked, Extent : Light, Area Affected : 5%									
Location : Basement									
Interior									
Floors									
Cast in Place Concrete	40%	Now	\$5,400	LIFE	* *	5	\$23,200		
Horizontal Cracks, Extent : Light, Area Affected : 5%									
Location : First Floor Shop									
Ceramic Tile	5%			2033	* *	5	\$1,300		
Vinyl Tile	30%	0-2	\$66,000	2034	* *	3	\$3,000		
Split/Cracked, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Vinyl Tile	5%	0-2	\$11,000	2034	* *	3	\$500		
Other Observation, Extent : Severe, Area Affected : 100%									
Location : 2nd Floor									
Explanation : 9x9's Need To Be Replaced									
Vinyl Tile	20%			2029	* *	3	\$2,700		
Interior Walls									
Ceramic Tile	10%	Now	\$4,000	2033	* *	5	\$1,500		
Diagonal Cracks, Extent : Moderate, Area Affected : 5%									
Location : Toilet Rooms									
Concrete Masonry Unit	40%	Now	\$12,800	LIFE	* *	5	\$4,700		
Staining/Discoloring, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Glass: Single Pane	5%			LIFE	* *	5	\$1,100		
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Main Corridor									
Explanation : Interior Window Wall									
Gypsum Board	40%	Now	\$4,800	LIFE	* *	5	\$7,100		
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Wood	5%			LIFE	* *	5	\$5,900		

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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	\$3,000	2037	* *	5	\$3,800
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Broken/Missing Elements, Extent : Light, Area Affected : 5%

Location : Throughout

Embossed Metal	30%			LIFE	* *	5	\$2,600
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Exposed Concrete	30%			LIFE	* *	5	\$900
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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	

Under 600 Volts

Raceway

Conduit	60%			2044	* *	1	
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Conduit	40%			2034	* *	1	
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Panelboards

Fused Disc Sw	30%			2032	* *	5	\$100
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Molded Case Bkrs	5%			2040	* *	5	
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Molded Case Bkrs	65%			2023	\$24,500	5	\$300
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Wiring

Thermoplastic	70%			2044	* *	1	
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Thermoplastic	30%			2024	\$8,100	1	
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Motor Controllers

Locally Mounted	90%			2022	\$12,600	5	\$100
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Motor Control Center	10%			2022	\$1,400	5	
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Ground

Grounding Devices

Not Accessible	100%						
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Lighting

Interior Lighting

Fluorescent	85%			2029	* *	10	\$13,800
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Throughout

Explanation : Recently Installed T-8 Fixtures With T-12 Fixtures In Sleeping Quarters

HID	10%			2024	\$6,900	10	\$100
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : 1st Floor Marine Garage

Explanation : High Bay Lighting

HID	5%	Now	\$3,500	2034	* *		
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : 1st Floor Garage Boat Repair

Explanation : Fixtures Not Working - Inadequate Illumination

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FIRE DEPARTMENT - 057
MARINE 6/MARINE DIVISION/SAFTEY BATTALION
Asset # : 14078

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

40% 2024 \$3,400 1
Other Observation, Extent : Moderate, Area Affected : 100%
Location : Throughout
Explanation : Fixtures Connected To Main Bldg Power

Exit, Service

60% 2024 \$1,200 1
Other Observation, Extent : Moderate, Area Affected : 100%
Location : Throughout
Explanation : Fixtures Conncted To Main Bldg Power

Exterior Lighting
HID

100% 2024 \$62,800 10 \$100

Alarm

Fire/Smoke Detection
No Component
Generic

80%
20% 2029 * * 1-3 \$2,200

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

Heating

Energy Source
Natural Gas

100% 2034 * * 1

Conversion Equipment
Hot Water Boiler

100% 0-2 \$800 2029 * * 1 \$7,900
Malfunctioning, Extent : Light, Area Affected : 100%
Location : Boiler Control System
Other Observation, Extent : Light, Area Affected : 1%
Location : 2nd Fl Boiler Room
Explanation : 6 Boilers Piped With Header

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 \$55,800 4 \$800
Other Observation, Extent : Light, Area Affected : 100%
Location : 1st Floor Garage
Explanation : H W Unit Heaters Serve Garage

Air Conditioning

Energy Source
Electricity

100% 2040 * * 1

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FIRE DEPARTMENT - 057
MARINE 6/MARINE DIVISION/SAFTEY BATTALION
Asset # : 14078

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								
Conversion Equipment								
Int Pkg Unit - Cooling	40%	Now	\$4,500	2025	\$89,100	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	\$7,800	2	\$200	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	**	1		
Water Heater								
Electric	100%			2019	\$2,700	4	\$100	
<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>								

Fire Suppression

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FIRE DEPARTMENT - 057
MARINE 6/MARINE DIVISION/SAFTEY BATTALION
Asset # : 14078

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									
Standpipe									
	Generic	100%			2044	* *	1-5	\$9,300	
Sprinkler									
	Generic	100%			2044	* *	1-2	\$5,000	
Fire Pump									
	Not Accessible	100%							
Chemical System									
	No Component	90%							
	Generic	10%			2019	\$2,600	1-3	\$5,100	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Fire Extinguishers									

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

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

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

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : MARINE 9 RESPONSE UNIT
Address : FRONT AND WAVE STREETS @ WATERFRONT
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : FIRMAR9.000 / 14079 **Yr Built/Renovated** : 2011 /
Area Sq Ft : 8,000 **Project Type** : FIRE DEPARTMENT
Date of Survey : 07-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : **Lot** : **BIN** :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$48,600	
Total	\$48,600	
Importance Code A	\$48,600	
Total	\$48,600	

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

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

Maintenance \$ are aggregated over a ten-year period. 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$6,100	
Masonry: Granite	45%			LIFE	**	5	\$8,200	
Metal Panel	40%			2050	**	5-10	\$66,900	
Metal Sect. OHD	5%			2041	**	5	\$3,800	
Window Wall	5%			2050	**	5	\$4,600	
Windows								
Aluminum	100%	Now	\$2,500	2046	**	5	\$600	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Second Floor Corridor								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Main Entrance Clear Story, Bunk Room And Gym								
Parapets								
Metal Rail	90%			2041	**	5-10	\$28,100	
Metal: Cage/Fence	10%			2041	**	5-10	\$1,300	
Roof								
Built-Up (BUR)	45%			2032	**	10	\$3,700	
Built-Up (BUR)	55%			2032	**	10	\$4,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Roof								
Explanation : Garden " Green " Roof								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$2,000	
Ceramic Tile	5%			2037	**	5	\$900	
Panel/Paver: Cer/Brk	60%			2046	**	5	\$24,300	
Sheet Vinyl/Rubber	5%			2032	**	5	\$1,400	
Vinyl Tile	25%			2032	**	3	\$2,300	
Interior Walls								
Glazed Ceramic Panel	15%			LIFE	**			
Gypsum Board	80%			LIFE	**	5	\$9,000	
Wood	5%			LIFE	**	5	\$3,800	
Ceilings								
AcousTileSusp.Lay-In	10%			2041	**	5	\$1,800	
Exposed Struc: Steel	5%			LIFE	**			
Gypsum Board	45%			LIFE	**	5	\$10,100	
Plaster	40%			LIFE	**	5	\$4,500	

Electrical		Current Repair		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			
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		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Outside							
		Explanation : One 600 Amps Main Disconnect Switch							
	Transformers								
	Dry Type	100%			2044	* *	3	\$100	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Outside							
		Explanation : One 750 Kva 4160hv-480/277lv							
	Feeders								
	Cable	100%			2049	* *	1		
	Raceway								
	Conduit	100%			2054	* *	1		
Under 600 Volts									
	Service Equipment								
	Molded Case Bkrs	100%			2054	* *	5	\$200	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room, 1st Floor							
		Explanation : One 600 Amps Main Disconnect Switch							
	Transformers								
	Dry Type	100%			2044	* *	5		
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Electrical Room, 1st Floor							
		Explanation : Two 112.5 Kva, 480hv-208/120lv							
	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	
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Outside							
		Explanation : One 450 Kw							

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

Maintenance \$ are aggregated over a ten-year period. 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power									
	Batteries								
	Lead/Acid	100%			2019	\$1,500	5	\$300	
	Fuel Storage								
	Main Tank	100%			2064	* *	5	\$200	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Underground								
	Explanation : One 780 Gals								
Lighting									
	Interior Lighting								
	Fluorescent	90%			2034	* *	10	\$6,600	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout the Building								
	Explanation : T-8 Lamps With Automatic Lighting Controls								
	Fluorescent	10%			2034	* *	10	\$700	
	T-5 Lamps, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Electricity	40%			2054	* *	1		
	Solar Panel(s)	60%			2054	* *	2	\$300	
Air Conditioning									
	Energy Source								
	Electricity	100%			2049	* *	1		

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

Maintenance \$ are aggregated over a ten-year period. 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

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									
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	100%			2034	* *	2	\$500	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Roof						
			Explanation : 3 Roof Top Units With Refrigerant R- 410a						
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,500	
	Exhaust Fans								
	Roof	15%	Now		2032	* *	2		
			Malfunctioning, Extent : Moderate, Area Affected : 25%						
			Location : Kitchen Hood Exhaust						
	No Component	85%							
			Other Observation, Extent : Light, Area Affected : 0%						
			Location : Roof						
			Explanation : Process Is Carried Out Through A C System						
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2054	* *	1		
	Water Heater								
	Electric	100%			2024	\$1,200	4		
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : First Floor Mechanical Room						
			Explanation : 2 Units - Hot Water Solar Panels Are Used To Heat The Water						
	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	\$5,100	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Kitchen						
			Explanation : Kitchen Hood System Is Inaccessible						
	Generic	10%			2024	\$2,600	1-3	\$5,100	
			Other Observation, Extent : Light, Area Affected : 100%						
			Location : Throughout						
			Explanation : Fire Extinguishers						

*Note : 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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : RESCUE 3
Address : 1655 WASHINGTON AVE. @ E.172 - 173 STS
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSRES.003 / 14463 **Yr Built/Renovated** : 2009 /
Area Sq Ft : 19,492 **Project Type** : FIRE DEPARTMENT
Date of Survey : 07-Feb-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 2905 **Lot** : 30 **BIN** : 2817127

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture		\$77,000
Interior Architecture		\$54,200
Total		\$131,300
Importance Code A		\$77,000
Importance Code B		\$54,200
Total		\$131,300

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$36,600			
Interior Architecture	\$6,400			
Electrical	\$700	\$700	\$1,000	\$18,600
Mechanical	\$1,700	\$3,100	\$7,200	\$2,500
Total	\$45,400	\$3,800	\$8,200	\$21,100
Importance Code A	\$37,500	\$1,000	\$1,000	\$1,000
Importance Code B	\$6,500	\$2,800	\$7,200	\$20,200
Importance Code C	\$1,300			
Total	\$45,400	\$3,800	\$8,200	\$21,100



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

Maintenance \$ are aggregated over a ten-year period. 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			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Exterior									
	Exterior Walls								
	Cast in Place Concrete	2%			LIFE	**	5	\$3,400	
	Masonry: Brick	40%			LIFE	**	5	\$13,700	
	Metal/Glass Curt Wall	3%			LIFE	**	5	\$1,900	
	Metal Panel	45%			2052	**	5-10	\$105,900	
	Metal Coiling Doors	10%			2042	**	5	\$10,700	
	Windows								
	Aluminum	100%			2047	**	5	\$1,200	
	Parapets								
	Metal Rail	10%			2042	**	5-10	\$4,400	
	No Component	90%							
	Roof								
	IRMA/Protected Membrane	20%			2032	**	10	\$5,200	
	Metal, Corrugated	60%			2042	**	1		
	Plaza Roof: Stone Panels	10%			2052	**			
	Skylight, Metal/Glass	10%			2052	**	10	\$8,700	
Interior									
	Floors								
	Cast in Place Concrete	85%			LIFE	**	5	\$54,200	
	Ceramic Tile	3%			2037	**	5	\$900	
	Sheet Vinyl/Rubber	2%			2032	**	5	\$900	
	Wood	10%			2062	**	5	\$5,500	
	Interior Walls								
	Ceramic Tile	5%			2037	**	5	\$2,700	
	Concrete Masonry Unit	20%			LIFE	**	5	\$4,300	
	Glass: Single Pane	5%			LIFE	**	5	\$2,000	
	Gypsum Board	20%			LIFE	**	5	\$6,400	
	Masonry: Brick	5%			LIFE	**			
	Metal Panel	40%			LIFE	**			
	Wood	5%			LIFE	**	5	\$10,700	
	Ceilings								
	AcousTileSusp.Lay-In	10%			2042	**	5	\$2,800	
	Exposed Struc: Steel	70%			LIFE	**			
	Gypsum Board	5%			LIFE	**	5	\$1,800	
	Metal Panel	15%			LIFE	**	5	\$5,300	

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts									
Service Equipment									
	Not Accessible	100%							
Transformers									
	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
RESCUE 3
Asset # : 14463

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									
	Switchgear / Switchboard								
	Not Accessible	100%							
	Raceway								
	Conduit	100%			2048	* *	1		
	Panelboards								
	Molded Case Bkrs	100%			2044	* *	5	\$500	
	Wiring								
	Thermoplastic	100%			2048	* *	1		
	Motor Controllers								
	Locally Mounted	100%			2039	* *	5	\$100	
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$300	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Basement								
	Explanation : Connected With Main Water Pipe								
Stand-by Power									
	Transfer Switches								
	Automatic	100%			2039	* *	1	\$6,000	
	Generators								
	Not Accessible	100%							
	Batteries								
	Not Accessible	100%							
	Fuel Storage								
	Not Accessible	100%							
Lighting									
	Interior Lighting								
	Fluorescent	100%			2030	* *	10	\$17,900	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout								
	Explanation : T-8 & Compact Lamps								
	Egress Lighting								
	Exit, LED	100%			2057	* *	1		
	Exterior Lighting								
	HID	100%			2030	* *	10	\$100	
Alarm									
	Fire/Smoke Detection								
	No Component	90%							
	Generic	10%			2030	* *	1-3	\$1,200	

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating									
	Energy Source								
	Natural Gas	100%			2048	* *	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
RESCUE 3
Asset # : 14463

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	50%			2030	* *	1	\$4,800	
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Roof Top Unit						
		Explanation : A C Unit Has Gas Fired Furnace						
Hot Water Boiler	50%			2035	* *	1	\$4,800	
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Basement						
		Explanation : 2 Boilers						
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$5,400	
Hot Wtr Piping/Pump	50%			2044	* *	4	\$500	
Terminal Devices								
Fan Coil Unit/Heat	50%			2030	* *	1	\$3,200	
No Component	50%							
Air Conditioning								
Energy Source								
Electricity	75%			2044	* *	1		
No Component	25%							
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2030	* *	2	\$600	
		Other Observation, Extent : Light, Area Affected : 50%						
		Location : Roof						
		Explanation : Covers Top Floor, Refrigerant Is 410a						
No Component	50%							
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2	\$12,700	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$10,900	
Exhaust Fans								
Roof	100%			2030	* *	2	\$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2048	* *	1		
Water Heater								
Gas Fired	100%			2021	\$4,400	2	\$300	
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Basement						
		Explanation : 2 Units About 125 Gal Each						
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
RESCUE 3
Asset # : 14463

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									
	Sewage Ejector(s)								
	Electric	100%			2030	* *	4	\$2,500	
	Backflow Preventer								
	No Component	50%							
	Generic	50%			2030	* *	1	\$600	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Basement								
	Explanation : On Domestic Line Only								
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	No Component	10%							
	Generic	90%			2048	* *	1-2	\$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.*

Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : SQUAD 270
Address : 91-45 121ST STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIRSSQU.270 / 14076 **Yr Built/Renovated** : 1913 / 2013
Area Sq Ft : 16,052 **Project Type** : FIRE DEPARTMENT
Date of Survey : 27-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3
Block : 9375 **Lot** : 7 **BIN** : 4196913

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Exterior Architecture	\$80,500	\$78,200
Interior Architecture	\$346,200	
Electrical	\$98,500	\$108,900
Mechanical		\$103,000
Total	\$525,200	\$290,200
Importance Code A	\$80,500	\$78,200
Importance Code B	\$444,700	\$212,000
Total	\$525,200	\$290,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Exterior Architecture	\$37,400		\$3,000	\$1,600
Interior Architecture	\$9,100	\$1,000	\$600	\$900
Electrical	\$2,900	\$1,300	\$16,000	\$1,100
Mechanical	\$8,400	\$1,700	\$7,100	\$2,700
Total	\$57,800	\$4,000	\$26,800	\$6,300
Importance Code A	\$38,900	\$1,400	\$4,800	\$3,000
Importance Code B	\$9,700	\$2,200	\$22,000	\$3,300
Importance Code C	\$9,100	\$400		
Total	\$57,800	\$4,000	\$26,800	\$6,300



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
SQUAD 270
Asset # : 14076

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	83%	Now	\$80,500	LIFE	* *	5	\$13,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : North And South Facades								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : North And South Facades								
Masonry: Granite	5%	Now	\$9,500	LIFE	* *	5	\$600	
Spalling, Extent : Moderate, Area Affected : 25%								
Location : West Facade								
Worn/Eroded, Extent : Moderate, Area Affected : 10%								
Location : West Facade								
Masonry: Limestone	5%	Now	\$4,400	LIFE	* *	5	\$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : West Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : West Facade								
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	\$23,500	2024	\$78,200			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Over Third Floor								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Second And Third Floors								
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$97,600	LIFE	* *	5	\$21,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Apparatus Floor								
Deflection Evident, Extent : Moderate, Area Affected : 25%								
Location : Apparatus Floor								
Ceramic Tile	5%			2033	* *	5	\$1,200	
Vinyl Tile	30%	0-2	\$59,900	2034	* *	3	\$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Second And Third Floors								
Under Construction	25%							

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

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

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FIRE DEPARTMENT - 057
SQUAD 270
Asset # : 14076

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%			2033	* *	5	\$800	
Concrete Masonry Unit	5%			LIFE	* *	5	\$300	
Masonry: Brick	15%	Now	\$9,100	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Plaster	50%			LIFE	* *	5	\$2,400	
Under Construction	25%							
Ceilings								
AcousTileSusp.Lay-In	5%			2029	* *	5	\$1,200	
Exposed Concrete	25%	Now	\$188,700	LIFE	* *	5	\$900	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 25%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Temporary Support Present								
Plaster	45%			LIFE	* *	5	\$6,800	
Under Construction	25%							
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%	Now	\$400	2029	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Front Side								

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$4,700	5	\$400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Rated @ 500 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2024	\$47,700	5	\$100	
Raceway								
Conduit	50%			2024	\$15,300	1		
Under Construction	50%							
Panelboards								
Fused Disc Sw	25%			2023	\$9,400	5	\$100	
Molded Case Bkrs	50%			2023	\$18,800	5	\$200	
Under Construction	25%							

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FIRE DEPARTMENT - 057
SQUAD 270
Asset # : 14076

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								
Wiring								
Thermoplastic	50%			2024	\$13,500	1		
Under Construction	50%							
Motor Controllers								
Locally Mounted	100%			2022	\$14,100	5	\$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	* *	1	\$4,900	
Generators								
Diesel	100%			2027	* *	1	\$6,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated @ 60 Kw								
Batteries								
Lead/Acid	100%			2017	\$1,500	5	\$600	
Fuel Storage								
Main Tank	100%			2039	* *	5	\$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : 50 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2019	\$98,500	10	\$14,400	
T-8 Lamps, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2024	\$2,000	10	\$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor								
Explanation : Compact Fluorescent Light Fixtures								
Egress Lighting								
Emergency, Service	100%			2024	\$7,700	1		
Exterior Lighting								
HID	100%			2024	\$59,200	10		

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	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			
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	
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : Garage Area							
		Explanation : 2 Units							
	Steam Boiler	90%			2044	* *	1	\$14,300	
		Recent Replace Evident, Extent : Light, Area Affected : 90%							
		Location : Basement							
Distribution									
	Steam Piping/Pump	40%			2024	\$43,800	4	\$300	
	No Component	10%							
	Under Construction	50%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Half Of The Building Is Under Renovation							
Terminal Devices									
	Convactor/Radiator	40%			2022	\$59,200	1	\$2,100	
	No Component	10%							
	Under Construction	50%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Half Of The Building Is Under Renovation							
Air Conditioning									
	Energy Source								
	Electricity	100%			2032	* *	1		
Conversion Equipment									
	Ext Pkg Unit - Cooling	20%			2029	* *	2	\$200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 2nd Floor							
		Explanation : Serves Half Of The 2nd Floor Only							
	Window/Wall Unit	20%			2017	\$6,400	1		
	No Component	10%							
	Under Construction	50%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Half Of The Building Is Under Renovation							
Distribution									
	Ductwork/Diffusers	20%			LIFE	* *	2	\$4,200	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 2nd Floor							
		Explanation : Serves Half Of The 2nd Floor Only							
	No Component	60%							
	Under Construction	20%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Half Of The Building Is Under Renovation							

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FIRE DEPARTMENT - 057
SQUAD 270
Asset # : 14076

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning									
	Terminal Devices								
	No Component	80%							
	Under Construction	20%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Half Of The Building Is Under Renovation							
Heat Rejection									
	No Component	80%							
	Under Construction	20%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Half Of The Building Is Under Renovation							
Ventilation									
	Distribution								
	No Component	50%							
	Under Construction	50%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Half Of The Building Is Under Renovation							
Exhaust Fans									
	Wall Unit	15%			2019	\$3,600	2	\$100	
	No Component	35%							
	Under Construction	50%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Half Of The Building Is Under Renovation							
Plumbing									
	H/C Water Piping								
	Brass/Copper	50%			2034	* *	1		
		No Water Meter, Extent : Light, Area Affected : 100%							
		Location : Basement							
	Under Construction	50%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Half Of The Building Is Under Renovation							
Water Heater									
	Gas Fired	50%			2022	\$1,800	2	\$100	
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Basement							
		Explanation : 2 - 75 Gallon Units							
	Under Construction	50%							
		Other Observation, Extent : Light, Area Affected : 0%							
		Location :							
		Explanation : Half Of The Building Is Under Renovation							
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		

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FIRE DEPARTMENT - 057
SQUAD 270
Asset # : 14076

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		
	Sump Pump(s)								
	Rigid Piping	100%			2024	\$10,800	4	\$1,600	
Fixtures									
	Under Construction	50%							
			Other Observation, Extent : Light, Area Affected : 0%						
			Location :						
			Explanation : Half Of The Building Is Under Renovation						
	Generic	50%							
Fire Suppression									
	Chemical System								
	No Component	98%							
	Generic	2%			2019	\$500	1-3	\$1,000	

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Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : FDNY PLATFORM / PILE SUPPORTED PLATFORM
Address : RANDALLS ISLAND SUNKEN MEADOW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : 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 2017 - 2020	FY 2021 - 2026
Piers		\$735,800	\$101,200
Total		\$735,800	\$101,200
Importance Code A		\$525,100	\$66,600
Importance Code B		\$210,700	
Importance Code C			\$34,600
Total		\$735,800	\$101,200

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Piers	\$81,200		\$7,000	\$5,200
Total	\$81,200		\$7,000	\$5,200
Importance Code A	\$29,200			
Importance Code B	\$37,100			\$5,200
Importance Code C	\$14,800		\$7,000	
Total	\$81,200		\$7,000	\$5,200



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** 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Structural Deck									
Concrete	53%			LIFE	* *	5	\$17,100		
	Cracking, Extent : Light, Area Affected : 5% Location : Isolated Throughout Underside Of Pier								
Concrete	2%	4+	\$19,900	LIFE	* *	5	\$600		
	Spalling, Extent : Moderate, Area Affected : 100% Location : Throughout In Deck Soffit								
Not Accessible	45%								
Deck Surface									
Asphalt	65%			2034	* *	5	\$12,400		
	Surface Wearing/Scaling, Extent : Light, Area Affected : 5% Location : Throughout								
No Component	5%								
Not Accessible	30%								
Pile Caps									
Concrete	2%	4+	\$9,400	LIFE	* *	5			
	Cracking, Extent : Moderate, Area Affected : 5% Location : Throughout Spalling, Extent : Severe, Area Affected : 50% Location : Isolated Throughout With Exposed Reinforcement								
Concrete	98%			LIFE	* *	5	\$1,100		
	Cracking, Extent : Light, Area Affected : 5% Location : Isolated Throughout Spalling, Extent : Light, Area Affected : 2% Location : Isolated Throughout								
Piles and Bracing									
Steel	25%	4+	\$525,100	LIFE	* *	5	\$66,600		
	Corrosion, Extent : Moderate, Area Affected : 100% Location : Above Mean Low Water Elevation Throughout Defective Cathodic Protection, Extent : Severe, Area Affected : 100% Location : Anodes Missing Throughout Missing Coating, Extent : Severe, Area Affected : 100% Location : Above Mean Low Water Elevation Throughout								
Not Accessible	75%								
Fender Buffer									
Rubber	65%	Now	\$30,400	2040	* *	4-5	\$5,200		
	Loose Connections, Extent : Severe, Area Affected : 60% Location : At Areas Of Timber Decay Above Mlw Elevation								
No Component	35%								

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FIRE DEPARTMENT - 057
FDNY PLATFORM / PILE SUPPORTED PLATFORM
Asset # : 13857

Piers		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Fender									
Facing Timber	65%	Now	\$70,900	2034	* *	3	\$12,100		
	Rotting/Splitting, Extent : Severe, Area Affected : 60%								
	Location : Above Mlw Elevation								
	Other Observation, Extent : Severe, Area Affected : 20%								
	Location : At South End Of Pier And Southeast Face								
	Explanation : Fire Damage								
No Component	35%								
Wales and Chocks									
Timber	65%	Now	\$53,700	2034	* *	4	\$16,800		
	Rotting/Splitting, Extent : Severe, Area Affected : 70%								
	Location : Typical Upper Wale And Isolated Throughout								
	Other Observation, Extent : Severe, Area Affected : 30%								
	Location : At South End Of Pier								
	Explanation : Fire Damage								
No Component	35%								
Piles									
Steel	15%	Now	\$43,100	2040	* *	3-5	\$15,800		
	Other Observation, Extent : Severe, Area Affected : 30%								
	Location : Near Center Of Berth								
	Explanation : Impact Damage								
Steel	15%	4+	\$43,100	2040	* *	3-5	\$15,800		
	Corrosion, Extent : Moderate, Area Affected : 35%								
	Location : Above Mlw Throughout Piles And Angle Bracing								
No Component	35%								
Not Accessible	35%								
Pile Cluster									
Timber	35%			2023	\$34,600	4-10	\$12,000		
	Rotting/Splitting, Extent : Moderate, Area Affected : 50%								
	Location : Within The Tidal Zone								
Timber	15%	Now	\$14,800	2030	* *	4	\$700		
	Broken, Extent : Severe, Area Affected : 100%								
	Location : Offshore Dolphin. Within Tidal Zone.								
Not Accessible	50%								
Deck Elements									
Railing									
Steel	5%	0-2	\$6,700	2023	\$22,200				
	Loose Connections, Extent : Severe, Area Affected : 100%								
	Location : Railing At North Side Of North Apron								
Fencing	95%			2026	\$23,900	3	\$200		
	Corrosion, Extent : Light, Area Affected : 5%								
	Location : At Base Connections								

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Print Date : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

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 2017	FY 2018	FY 2019	FY 2020
Piers	\$13,400			
Total	\$13,400			
Importance Code A	\$13,400			
Importance Code B				
Total	\$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.

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** 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	
	Cracking, Extent : Light, Area Affected : 5%							
	Location : Throughout							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : At Pile Cap Interface, South Underside Of Pier							
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Isolated Throughout Underdeck							
	Explanation : Honeycombing							
Not Accessible	40%							
Pile Caps								
Concrete	15%	4+	\$13,400	LIFE	* *	5	\$100	
	Spalling, Extent : Moderate, Area Affected : 100%							
	Location : Southeast Pile Cap							
Concrete	85%			LIFE	* *	5	\$300	
Piles and Bracing								
Concrete Encased Steel	75%			LIFE	* *			
	Recent Repair Evident, Extent : Light, Area Affected : 100%							
	Location : All Piles Are Encased In Concrete							
Not Accessible	25%							
Fender Facing								
Composite	40%			2024	\$9,700			
No Component	25%							
Not Accessible	35%							
Deck Elements								
Railing								
Steel	25%			2023				
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Throughout Railing							
No Component	75%							

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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

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 2017 - 2020	FY 2021 - 2026
Bulkheads	\$51,700	
Total	\$51,700	
Importance Code C	\$51,700	
Total	\$51,700	

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Bulkheads	\$26,600	\$800		\$100
Total	\$26,600	\$800		\$100
Importance Code B	\$26,600	\$800		\$100
Importance Code C				
Total	\$26,600	\$800		\$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.

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FIRE DEPARTMENT - 057
EAST SHORE RIP-RAP SHORELINE
Asset # : 13858

Bulkheads		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Revetment Stone	90%			LIFE	* *	5	\$3,900	
	Settlement, Extent : Light, Area Affected : 100% Location : Steep Slope Throughout							
Stone	10%	4+	\$51,700	LIFE	* *	5	\$400	
	Settlement, Extent : Moderate, Area Affected : 5% Location : At 375 Ft To 400 Ft And 505 To 570 Ft From North Of Fdny Pier							
Backfill								
Fill								
Topsoil	15%	Now	\$22,700	2065	* *			
	Erosion, Extent : Severe, Area Affected : 100% Location : Beneath North Apron Of Fdny Pier; And At 482 From North Sinkhole, Extent : Severe, Area Affected : 100% Location : Adjacent To Fdny Platform							
Not Accessible	85%							
Surface								
Gravel	20%			2038	* *	2-5	\$400	
Topsoil	40%			2023	\$15,200	5	\$1,300	
Topsoil	5%	Now	\$1,900	2025	\$1,900	5	\$100	
	Settlement, Extent : Severe, Area Affected : 100% Location : Adjacent To Fdny Platform							
Not Accessible	35%							
Deck Elements								
Railing								
Fencing	55%			2026	\$21,000	3	\$200	
Fencing	5%	Now	\$1,900	2030	* *	3		
	Progressing Scour, Extent : Severe, Area Affected : 100% Location : 20 Ft Lengths At 530 Ft And 640 Ft From North Of Fdny Pier							
No Component	40%							

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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 : 23-Oct-2015

FIRE DEPARTMENT - FY 2016

Asset Name : NAVY HOMEPORT MARINE 9 RESPONSE UNIT MARINA
Address : AT FRONT AND WAVE STREETS
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : FIRMAR9.010 / 14767 **Yr Built/Renovated** : 2011 /
Area Sq Ft : 2,800 **Project Type** : FIRE DEPARTMENT
Date of Survey : 05-Jan-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 487 **Lot** : 100 **BIN** :

CAPITAL	FY 2017 - 2020	FY 2021 - 2026
Marinas/Docks	\$193,300	\$234,100
Total	\$193,300	\$234,100
Importance Code A	\$193,300	\$234,100
Total	\$193,300	\$234,100

EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Marinas/Docks	\$500	\$300	\$6,300	\$300
Total	\$500	\$300	\$6,300	\$300
Importance Code A	\$100		\$3,500	
Importance Code B	\$100	\$100	\$2,500	\$100
Importance Code C	\$300	\$200	\$300	\$200
Total	\$500	\$300	\$6,300	\$300



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

Maintenance \$ are aggregated over a ten-year period. 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	\$3,300	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	\$98,100			
		<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	\$66,400	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	\$6,500			
Fender								
Piles								
Steel	50%			2027	* *			
		<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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FIRE DEPARTMENT - 057**Project : FIRE DEPARTMENT**

CAPITAL		FY 2017 - 2020		FY 2021 - 2026
Miscellaneous Buildings		381,700		185,500
EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Miscellaneous Buildings	38,600	11,100	18,900	10,200

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
1832	FIRE ACADEMY FIRE SIMULATOR BLDG #4	6,000	176,400	24,500
1833	FIRE ACADEMY MAINTENANCE & STORAGE BLDG#10	4,800	141,100	19,600
1857	FIRE ACADEMY FIRE SIMULATOR BLDG #2	6,000	176,400	24,500
14099	FIRE ACADEMY LIBRARY - BLDG. #13	2,500	73,500	10,200

Project : FIRE DEPARTMENT

CAPITAL		FY 2017 - 2020		FY 2021 - 2026
Special Systems		0		0
EXPENSE	FY 2017	FY 2018	FY 2019	FY 2020
Special Systems	583,000	600,000	1,622,000	637,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
4534	FIREBOAT-GOVERNOR ALFRED E SMITH		0	395,000
4536	FIREBOAT - JOHN D. MCKEAN		0	0
4541	FIREBOAT - FIRE FIGHTER II		0	1,369,000
4542	FIREBOAT - THREE FORTY-THREE		0	1,369,000
4543	FIREBOAT - BRAVEST		0	309,000

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