Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **16-May-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3126** **Lot** : **12**	**BIN**	: **2013192**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$245,400	$256,900
Interior Architecture	$722,000	
Electrical	$207,600	$130,000
Mechanical	$84,600	
Total	**$1,259,800**	**$387,000**
Importance Code A	$245,400	$322,000
Importance Code B	$940,700	$65,000
Importance Code C	$73,600	
Total	**$1,259,800**	**$387,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$102,500		$2,700	
Interior Architecture	$70,900	$3,300		$1,100
Electrical	$3,800	$1,300	$22,100	$1,100
Mechanical	$27,500	$1,600	$2,900	$1,800
Site Enclosure	$32,500			
Site Pavements	$29,600			
Total	**$266,800**	**$6,200**	**$27,700**	**$4,000**
Importance Code A	$103,600	$1,100	$4,000	$1,100
Importance Code B	$85,300	$3,500	$23,600	$2,900
Importance Code C	$77,900	$1,600		
Total	**$266,800**	**$6,200**	**$27,700**	**$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
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%	2-4	$41,100	2054	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 25%								
Location : Rear Extension Walls								
Masonry: Brick	68%	Now	$194,100	LIFE	* *	5	$23,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Diagonal Cracks, Extent : Severe, Area Affected : 5%								
Location : Rear Wall At 2nd Floor Roof								
Vertical Cracks, Extent : Severe, Area Affected : 2%								
Location : Main Entrance At Battalion 18 Building								
Masonry: Granite	2%			LIFE	* *	5	$500	
Metal Sect. OHD	5%			2039	* *	5	$5,400	
Stucco Cement	5%	2-4	$4,900	2039	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Side Wall At Rear Of Engine 45 Building								
Windows								
Aluminum	100%	Now	$7,100	2042	* *	5	$1,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 2%								
Location : Engine 45 Building								
Parapets								
Masonry: Brick	85%	0-2	$45,200	LIFE	* *	5	$3,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Front Wall Of Battalion 18 Building								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout Battalion 18 Building								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 40%								
Location : Throughout Battalion 18 Building								
Masonry: Granite	5%			LIFE	* *	5	$300	
Masonry: Limestone	10%			LIFE	* *	5	$500	
Roof								
Modified Bitumen	100%	Now	$51,400	2034	$256,900			
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Office Toilet Room In Engine 45 And Rear Gymnasium Extension								
Soffits								
Alum/Vinyl Siding	50%	Now	$3,300	2054	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Rear Extension								
Stucco Cement	50%			2047	* *	5	$1,900	
Interior								

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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	$38,800	LIFE	* *	5	$19,900	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Both Building Apparatus Floors								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor Slab - Engine 45 Basement								
Explanation : Extensive Reinforcing To Support Loads								
Ceramic Tile	15%			2043	* *	5	$3,400	
Quarry Tile	5%	Now	$4,200	2039	* *	5	$900	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Vinyl Tile	40%	2-4	$100,700	2039	* *	3	$3,400	
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Ceramic Tile	10%			2043	* *	5	$3,100	
Concrete Masonry Unit	50%	0-2	$73,600	LIFE	* *	5	$6,300	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Battalion 18 Stairways								
Plaster	25%			LIFE	* *	5	$2,400	
SGFT/Glazed Masonry	15%	4+	$21,100	LIFE	* *			
Diagonal Cracks, Extent : Light, Area Affected : 40%								
Location : Spider Cracking Throughout								
Ceilings								
AcousTileSusp.Lay-In	5%			2047	* *	5	$1,100	
Exposed Struc: Steel	50%	Now	$547,700	LIFE	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Beams Throughout Basement								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Beams Throughout Basement								
Explanation : Concrete Fireproofing Broken/ Missing								
Plaster	45%	2-4	$6,200	LIFE	* *	5	$6,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Engine Side Of 1st Floor And 2nd Floor Locker Room								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$32,500	2054	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout Rear Yard								
Impact Damage, Extent : Severe, Area Affected : 2%								
Location : Rear Gate								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$5,400	2047	* *			
Spalling, Extent : Light, Area Affected : 100%								
Location : Apparatus Entrance								

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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
Site Pavements								
Parking/Driveway								
Asphalt	100%	2-4	$24,300	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Rear Parking Area								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Various Locations At Perimeter								

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%			2034	$65,000	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 300 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	$65,000	5	$400	
Raceway								
Conduit	100%			2034	$36,800	1		
Panelboards								
Molded Case Bkrs	100%			2033	$49,600	5	$400	
Wiring								
Thermoplastic	50%			2034	$16,600	1		
Thermoplastic	50%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2032	$13,200	1	$4,700	
Generators								
Diesel	100%			2030	$101,800	1	$5,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 17.5 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$600	
Fuel Storage								
Main Tank	100%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								

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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
Lighting								
Interior Lighting								
Fluorescent	80%			2029	$105,800	10	$11,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	20%			2042	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	100%			2029	$9,400	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2054	* *	1		
Conversion Equipment								
Hot Water Boiler	50%			2047	* *	1	$3,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Steam Boiler	50%			2047	* *	1	$7,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	50%			2042	* *	4	$400	
Steam Piping/Pump	50%			2044	* *			
Terminal Devices								
Convector/Radiator	80%			2039	* *	1	$3,900	
Fan Coil Unit/Heat	20%			2039	* *	1	$1,000	
Controls								
Electrical	100%			2029	$84,600			
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

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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
Air Conditioning								
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2039	* *	2	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit, R-410a								
Split Unit	5%			2039	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor								
Explanation : 1 Unit, R-410a								
Window/Wall Unit	45%			2032	$26,000	1		
Window/Wall Unit	10%			2027	$5,800	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,700	
No Component	80%							
Exhaust Fans								
Roof	20%			2039	* *	2	$100	
Wall Unit	15%	0-2	$300	2029	$1,000	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$19,200	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$500	4	$500	
Fixtures								
Generic	100%							

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **11-Apr-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2909** **Lot** : **40**	**BIN**	: **2009541**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$186,700	$82,600
Interior Architecture	$291,600	
Mechanical	$58,100	$66,700
Total	**$536,400**	**$149,400**
Importance Code A	$186,700	$82,600
Importance Code B	$349,700	$66,700
Total	**$536,400**	**$149,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$52,100			$13,700
Interior Architecture	$38,600	$6,600	$1,100	
Electrical	$400	$400	$400	$11,600
Mechanical	$12,100	$4,400	$3,600	$8,400
Total	**$103,200**	**$11,400**	**$5,000**	**$33,700**
Importance Code A	$52,700	$600	$600	$14,300
Importance Code B	$27,000	$9,600	$3,800	$19,400
Importance Code C	$23,500	$1,200	$600	
Total	**$103,200**	**$11,400**	**$5,000**	**$33,700**

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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%			LIFE	* *	5	$12,700	
Masonry: Brick	70%	Now	$186,700	LIFE	* *	5	$22,700	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 20%								
Location : Front Facade								
Masonry: Brownstone	10%			LIFE	* *	5	$2,400	
Wood Overhead Doors	15%			2040	* *	5	$24,300	
Windows								
Aluminum	100%			2051	* *	5	$1,700	
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$6,300	
Masonry: Brick	60%	Now	$6,100	LIFE	* *	5	$2,400	
Painted Surfaces, Extent : Moderate, Area Affected : 2%								
Location : Parapet Wall								
Metal Panel	20%			2045	* *	5	$3,100	
Roof								
Roll Roofing	95%	Now	$8,300	2031	$82,600	5	$10,600	
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : 3rd Floor Offices								
Skylight, Metal/Glass	5%	Now	$37,700	2045	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 2%								
Location : Skylight Framing								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 2%								
Location : Roof								
Open Joints, Extent : Severe, Area Affected : 2%								
Location : Skylight								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Skylight								
Explanation : Poor Caulking								
Interior								
Floors								
Cast in Place Concrete	25%	2-4	$7,600	LIFE	* *	5	$9,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Room								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Room								
Ceramic Tile	5%			2044	* *	5	$900	
Panel/Paver: Cer/Brk	15%			2043	* *	5	$6,100	
Quarry Tile	10%			2048	* *	5	$2,700	
Vinyl Tile	45%			2040	* *	3	$3,000	

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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								
Interior Walls								
Ceramic Tile	5%			2044	* *	5	$1,200	
Ceramic Tile	10%			2038	* *	5	$2,500	
Gypsum Board	75%			LIFE	* *	5	$11,100	
Masonry: Brick	10%	Now	$23,500	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Sidewalk Vault								
Ceilings								
AcousTileSusp.Lay-In	50%	4+	$7,500	2048	* *	5	$4,500	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 3rd Floor Offices								
Embossed Metal	25%			LIFE	* *	5	$2,000	
Exposed Struc: Steel	5%	0-2	$215,800	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Beams Supported By Round Columns								
Gypsum Board	10%			LIFE	* *	5	$2,200	
Masonry: Vault Struct	10%	Now	$75,800	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Basement								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Sidewalk Vault On Communications Side Of Building								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			

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%			2035	$15,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switches Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$300	

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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
Under 600 Volts								
Raceway								
Conduit	80%			2055	* *	1		
Conduit	20%			2035	$7,400	1		
Panelboards								
Fused Disc Sw	5%			2051	* *	5		
Molded Case Bkrs	75%			2051	* *	5	$200	
Molded Case Bkrs	20%			2034	$9,900	5	$100	
Wiring								
Thermoplastic	80%			2055	* *	1		
Thermoplastic	20%			2035	$6,700	1		
Motor Controllers								
Locally Mounted	50%			2033	$9,100	5		
Locally Mounted	50%			2040	* *	5		
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$3,700	
Lighting								
Interior Lighting								
Fluorescent	100%			2040	* *	10	$11,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	60%			2035	$4,400	1		
Exit, Service	40%			2035	$2,100	1		
Exterior Lighting								
LED	10%			2035	$6,400			
No Component	90%							

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%			2055	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2048	* *	1	$5,900	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Broken And Corroded Top Casing								
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement. Top Casing Corroded								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								

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

FIRE DEPARTMENT - 057

BRONX COMMUNICATION DIVISION BRONX BORO. COMMAND/DIST OFFICE

Asset # : 13383

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								
Hot Wtr Piping/Pump	100%	2-4	$1,300	2051	* *	4	$600	
Corroded, Extent : Moderate, Area Affected : 2%								
Location : Basement. Corroded Riser Piping								
Terminal Devices								
Convector/Radiator	75%			2048	* *	1	$2,900	
Unit Heater - Hot Water	25%			2040	* *			
Controls								
Electrical	100%			2033	$66,700			
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Split Unit	50%	2-4	$7,100	2040	* *			
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Roof								
Explanation : 16 Split Units Using R-410 A								
No Component	50%							
Terminal Devices								
Fan Coil - 2 Pipe	50%			2040	* *	1	$1,900	
No Component	50%							
Heat Rejection								
Dry Cooler	50%			2040	* *	2	$4,200	
No Component	50%							
Ventilation								
Exhaust Fans								
Wall Unit	30%			2040	* *	2	$100	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	1		
No Water Meter, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2033	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 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.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2035	$2,400	4	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units And One Serves Each Side								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen, 1st Floor								
Explanation : 1 Set Fire Suppression System 4 Feet X 8 Feet Which Equals 32 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **11,129**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **29-May-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Sub Basement, Roof, Floors 1**		
Block	: **319** **Lot** : **1**	**BIN**	: **5112428**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$108,700
Electrical		$180,400
Mechanical		$675,500
Total		**$964,700**
Importance Code A		$108,700
Importance Code B		$855,900
Total		**$964,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$2,200	$700		$2,500
Interior Architecture	$4,000	$2,500	$8,700	$1,900
Electrical	$1,800	$2,000	$4,500	$4,500
Mechanical	$19,700	$11,600	$11,300	$33,800
Site Pavements	$17,100			
Total	**$44,900**	**$16,800**	**$24,500**	**$42,700**
Importance Code A	$2,700	$1,300	$600	$3,100
Importance Code B	$23,500	$15,600	$23,400	$39,600
Importance Code C	$18,600		$500	
Total	**$44,900**	**$16,800**	**$24,500**	**$42,700**

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
COMMUNICATIONS CENTER - S.I.
Asset # : 1997

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	7%			LIFE	* *	5	$3,300	
Glass Block	4%			LIFE	* *	5	$200	
Masonry: Brick	75%			LIFE	* *	5	$7,200	
Metal Panel	9%			2055	* *	5-10	$5,900	
Window Wall	5%			2055	* *	5	$1,800	
Windows								
Aluminum	100%			2051	* *	5	$2,700	
Roof								
Modified Bitumen	100%	Now	$2,200	2035	$108,700			
Blisters, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Water Communication Room								
Soffits								
Aluminum Sunshades	70%			2044	* *	10	$8,200	
Stucco Cement	30%			2048	* *	5	$1,400	
Interior								
Floors								
Carpet	30%			2034	$88,400	3	$7,500	
Cast in Place Concrete	25%			LIFE	* *	5	$9,100	
Ceramic Tile	5%			2044	* *	5	$800	
Raised Access Floor	25%			2044	* *	5	$15,600	
Sheet Vinyl/Rubber	15%			2040	* *	5	$3,700	
Interior Walls								
Ceramic Tile	8%			2044	* *	5	$1,000	
Concrete Masonry Unit	40%			LIFE	* *	5	$2,100	
Glass: Single Pane	2%			LIFE	* *	5	$200	
Gypsum Board	40%	0-2	$1,500	LIFE	* *	5	$3,100	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Communication Room								
Explanation : Wallpaper Peeling And Bubbling								
Plaster	10%			LIFE	* *	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
COMMUNICATIONS CENTER - S.I.
Asset # : 1997

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	$1,700	2048	* *	5	$2,500	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Communication Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Communication Room								
Exposed Struc: Concrete	45%			LIFE	* *	5	$1,200	
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Material Actually Concrete Over Metal Decking								
Gypsum Board	15%	Now	$900	LIFE	* *	5	$3,100	
Water Penetration, Extent : Moderate, Area Affected : 3%								
Location : 1st Floor Bathroom								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Communication Room								
Explanation : Wallpaper Peeling								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2045	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : Vegetation Growth								
Retaining Walls								
Cast in Place Concrete	100%			2055	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2040	* *			
Parking/Driveway								
Asphalt	100%	0-2	$17,100	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Driveway Entrance								

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%			2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room At The Attached Building								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5		
Raceway								
Conduit	100%			2055	* *	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 - 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								
Panelboards								
Molded Case Bkrs	100%			2051	* *	5	$300	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	10%			2048	* *	5		
Variable Frequency Drive	90%			2048	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Sub-basement								
Explanation : Ground Connected To The Water Main Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$3,400	
Generators								
Diesel	100%			2044	* *	1	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Two 638 Kilovolt Amperes, 510 Kilowatt Generators								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$400	
Fuel Storage								
Day Tank	50%			2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 275 Gallons Rated Capacity								
Main Tank	50%			2063	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground								
Explanation : 5,000 Gallon Underground Tank								
Lighting								
Interior Lighting								
Fluorescent	50%			2035	$94,900	10	$5,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2035	$9,500	10	$500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
Fluorescent	40%			2035	$76,000	10	$4,100	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	5%			2043	* *			

Note : 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 / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Service	50%			2035	$3,400	1		
Exit, Service	50%			2035	$2,400	1		
Exterior Lighting								
HID	5%			2030	$2,600	10		
LED	15%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2035	$20,900	1	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Digital	100%			2040	* *	1-3	$6,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Alarm Bells, Manual Pull Stations, Horns, Strobe Lights								

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%			2055	* *	5	$3,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Buried Outside Of Building								
Explanation : One 5,000 Gallon Oil Tank								
Conversion Equipment								
Hot Water Boiler	100%			2048	* *	1	$5,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : One Hot Water Boiler								
Distribution								
Hot Wtr Piping/Pump	95%			2051	* *	4	$800	
Hot Wtr Piping/Pump	5%	0-2	$200	2051	* *	4		
Insul. Deteriorating, Extent : Moderate, Area Affected : 70%								
Location : Boiler Room								
Terminal Devices								
Air Handler	85%			2040	* *	1	$5,900	
Convector/Radiator	15%			2048	* *	1	$500	
Controls								
Digital	100%			2033	$319,600			
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	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 - 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								
Conversion Equipment								
Centrifugal,Elec Chiller	80%	Now	$9,100	2031	$181,500	1	$8,700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Two Packaged Air Cooled Chillers Located In Back Yard								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Back Yard								
Explanation : Down Frequently Due To Mechanical And Electrical Defects.								
No Component	20%							
Distribution								
CW & CHW Water Pipe/Pump	80%			2045	* *	4	$400	
No Component	20%							
Terminal Devices								
Air Handler/Cool/Ht	60%			2040	* *	1	$4,100	
Fan Coil - 2 Pipe	20%			2040	* *	1	$700	
No Component	20%							
Heat Rejection								
Air Cooled Condenser Unit	80%			2030	$20,600	2	$6,200	
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,200	
Exhaust Fans								
Interior	50%			2040	* *	2	$200	
Roof	50%			2040	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	1		
Water Heater With Tanks								
Electric	100%			2034	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One 50 Gallon Unit								
Sanitary Piping								
Cast Iron	10%	Now	$700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Sub-basement And Back Yard								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2040	* *	4	$400	
Sewage Ejector(s)								
Electric	100%			2043	* *	4	$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.*

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
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2055	* *	1-2	$500	
Chemical System								
Generic	100%			2033	$174,400	1-10	$87,000	

Other Observation, Extent : N/A, Area Affected : 100%

Location : One Wet Set In Kitchen, Two Dry Sets Fm-200 In Communication Room And Server Rooms, One Dry Set Fm-200 In Breaker Room

Explanation : Four Sets Of Fire Suppression Systems

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **11,327**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **16-May-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,Mez**		
Block	: **4333** **Lot** : **1**	**BIN**	: **2101003**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$85,500	
Interior Architecture		$758,500
Mechanical		$797,300
Total	**$85,500**	**$1,555,800**
Importance Code A	$85,500	
Importance Code B		$905,000
Importance Code C		$650,700
Total	**$85,500**	**$1,555,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$78,700	$600		$600
Interior Architecture	$18,800	$10,400	$500	$300
Electrical	$1,800	$2,100	$4,500	$12,200
Mechanical	$53,400	$9,400	$9,000	$11,200
Site Pavements	$49,200			
Total	**$201,800**	**$22,500**	**$14,000**	**$24,300**
Importance Code A	$79,200	$1,100	$600	$1,200
Importance Code B	$59,800	$19,600	$13,400	$23,100
Importance Code C	$62,800	$1,800		
Total	**$201,800**	**$22,500**	**$14,000**	**$24,300**

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

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

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	7%	2-4	$35,300	LIFE	* *	5	$13,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Window Sill And Door Openings								
Masonry: Brick	82%	Now	$85,500	LIFE	* *	5	$20,800	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : East Facade, Facing Parking Area								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : North And East Facade								
Masonry: Limestone	5%	Now	$7,500	LIFE	* *	5	$1,000	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Balustrade								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Balustrade Throughout								
Metal: Cage/Fence	1%			2048	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Facades								
Explanation : Decorative Grilles At Window Openings								
Stucco Cement	2%			2040	* *	5	$1,300	
Window Wall	3%			2061	* *	5	$2,800	
Windows								
Aluminum	97%			2057	* *	5	$3,300	
Metal Louvers	3%			2044	* *	10	$600	
Roof								
Clay Tile	90%	Now	$34,300	2055	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : South West Corner								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Ice Breakers Missing								
Copper/Terne	7%			2063	* *	10	$2,800	
Panel/Paver: Cer/Brk	3%			2045	* *	10	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entry Portico								
Explanation : Walking Surface Over Vault								
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Interior								
Floors								
Carpet	27%			2031	$81,000	3	$6,900	
Cast in Place Concrete	25%			LIFE	* *	5	$9,300	
Ceramic Tile	3%			2038	* *	5	$500	
Quarry Tile	2%			2040	* *	5	$500	
Raised Access Floor	15%			2038	* *	5	$9,500	
Terrazzo	5%			LIFE	* *	5	$700	
Vinyl Tile	23%			2035	$107,700	3	$1,500	

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
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%			2038	* *	5	$400	
Concrete Masonry Unit	5%			LIFE	* *	5	$300	
Fabric on Framing	45%			2033	$650,700	5	$3,200	
Gypsum Board	15%			LIFE	* *	5	$1,300	
Masonry: Brick	10%	Now	$13,600	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Basement Automatic Transfer Switch Room								
Plaster	20%			LIFE	* *	5	$900	
Wood	2%			LIFE	* *	5	$1,100	
Ceilings								
AcousTileSusp.Lay-In	15%			2048	* *	5	$2,500	
Exposed Struc: Concrete	20%			LIFE	* *	5	$500	
Gypsum Board	15%			LIFE	* *	5	$3,200	
Plaster	50%	Now	$5,200	LIFE	* *	5	$5,300	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Operation Room South West Corner								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2045	* *			
Iron Picket	25%			2055	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 2%								
Location : South Fence								
Retaining Walls								
Masonry: Brick	100%			2055	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	95%	Now	$7,200	2040	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Front Steps								
Explanation : Caulking Deteriorated And Missing								
Masonry: Granite	3%	Now	$2,100	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Front Steps								
Pavers/Stone	2%			2044	* *			
Parking/Driveway								
Asphalt	100%	Now	$39,900	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Middle Of Parking Areas								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Parking Area East Side								
Explanation : Clogged Area Drain								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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%			2055	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Transformers								
Dry Type	100%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 225 Kilovolt Amperes, 480/208/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5		
Raceway								
Conduit	100%			2055	* *	1		
Panelboards								
Molded Case Bkrs	100%			2051	* *	5	$300	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$3,500	
Generators								
Diesel	20%			2044	* *	1	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Two Emergency Generator Rated At 125 Kilovolt Amperes Each.								
Diesel	80%			2044	* *	1	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Two Emergency Generator Rated At 638 Kilovolt Amperes Each.								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$400	
Fuel Storage								
Day Tank	5%			2051	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 250 Gallons Rated Capacity								
Underground Storage	95%			LIFE	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Underground								
Explanation : 5,000 Gallons Rated Capacity								
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
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								
Interior Lighting								
Fluorescent	90%			2040	* *	10	$9,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	7%			2040	* *	10	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Corridors								
Explanation : Compact Fluorescent Lights								
LED	3%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Emergency, Battery	10%			2040	* *	10	$300	
Exit, Service	40%			2040	* *	1		
Exterior Lighting								
LED	10%			2040	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
No Component	90%							
Generic	10%			2063	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Tower Only								
Explanation : Lightning Rods								
Alarm								
Security System								
Generic	100%			2040	* *	1	$4,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras And Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Analog	100%			2040	* *	1-3	$7,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Manual Pull Stations, 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								
Fuel Oil No 2	100%			2055	* *	5	$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-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
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2048	* *	1	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2051	* *	4	$800	
Terminal Devices								
Air Handler	60%			2040	* *	1	$4,200	
Convector/Radiator	40%			2048	* *	1	$1,500	
Controls								
Electrical	100%			2033	$63,000			
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Centrifugal,Elec Chiller	90%	0-2	$20,800	2044	* *	1	$9,900	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Outside In The Yard. Unit Constantly Breaks Down								
R-22 Refrigerant, Extent : Light, Area Affected : 90%								
Location : Outside In The Yard								
No Component	10%							
Distribution								
CW & CHW Water Pipe/Pump	90%			2055	* *	4	$800	
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	70%			2040	* *	1	$4,900	
Fan Coil - 2 Pipe	20%			2040	* *	1	$700	
No Component	10%							
Heat Rejection								
Air Cooled Condenser Unit	90%			2040	* *	2	$7,100	
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$24,900	LIFE	* *	2-5	$6,300	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Explanation : Dirty Air Vents								
Exhaust Fans								
Interior	100%			2040	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	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
Plumbing								
Water Heater With Tanks								
Oil Fired	100%			2033	$618,100	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units 170 Gallons Each								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	10%	0-2	$200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Parking Lot. Blocked, Clogged Drain. Ponding At Parking Lot After Heavy Rain								
No Component	90%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Gutters Around Perimeter Of Roof								
Explanation : Gutters								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Back Of Building								
Explanation : For Handicap Use Only								
Fire Suppression								
Sprinkler								
No Component	30%							
Generic	70%			2055	* *	1-2	$2,200	
Chemical System								
Generic	100%			2033	$116,200	1-10	$58,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Wet Set In Kitchen, 1 Dry Set (Fm-200) In Communication Room								
Explanation : 2 Sets								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **COMMUNICATIONS CENTER-BROOKLYN**		
Address	: **35 EMPIRE BLVD @ WASHINGTON AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0005.010 / 1994**	**Yr Built/Renovated**	: **1916 / 2016**
Area Sq Ft	: **10,826**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **22-Feb-2024**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,Mez**		
Block	: **1183** **Lot** : **51**	**BIN**	: **3029669**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical		$60,700
Mechanical		$1,419,000
Total		**$1,479,700**
Importance Code B		$1,479,700
Total		**$1,479,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$5,100			
Interior Architecture		$6,100	$3,600	$1,300
Electrical	$1,700	$1,700	$1,500	$4,500
Mechanical	$53,900	$54,700	$54,200	$54,700
Site Pavements	$19,000			
Total	**$79,600**	**$62,600**	**$59,300**	**$60,500**
Importance Code A	$5,700	$500	$500	$500
Importance Code B	$55,000	$62,000	$58,800	$59,900
Importance Code C	$19,000			
Total	**$79,600**	**$62,600**	**$59,300**	**$60,500**

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-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	12%			LIFE	* *	5	$23,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Cornices And Decorative Elements								
Masonry: Brick	80%			LIFE	* *	5	$20,300	
Masonry: Limestone	8%			LIFE	* *	5	$1,500	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Sills And Lintels								
Windows								
Aluminum	100%			2057	* *	5	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Bullet Resistant Glass And Protective Metal Grilles								
Roof								
Clay Tile	95%			2055	* *	10	$15,400	
Panel/Paver: Cer/Brk	5%			2045	* *	10	$1,100	
Soffits								
Stucco Cement	100%	2-4	$3,500	2048	* *	5	$4,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Front Entry Soffit								
Interior								
Floors								
Carpet	45%			2034	$147,800	3	$11,400	
Cast in Place Concrete	25%			LIFE	* *	5	$9,300	
Ceramic Tile	5%			2044	* *	5	$800	
Quarry Tile	5%			2048	* *	5	$1,300	
Raised Access Floor	10%			2044	* *	5	$6,400	
Sheet Vinyl/Rubber	10%			2040	* *	5	$2,500	
Interior Walls								
Gypsum Board	85%			LIFE	* *	5	$7,300	
Masonry: Brick	15%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%			2048	* *	5	$3,400	
Exposed Struc: Concrete	40%			LIFE	* *	5	$1,100	
Plaster	40%			LIFE	* *	5	$4,200	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2045	* *			
Iron Picket	50%			2070	* *			
Retaining Walls								
Cast in Place Concrete	100%			2055	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			

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*** 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
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$9,400	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Around Manholes And Right Side Walkways								
Masonry: Granite	10%	0-2	$1,900	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 5%								
Location : Front Entry Steps								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Front Entry Steps								
Explanation : Open Joints								
Parking/Driveway								
Asphalt	80%	4+	$7,600	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Driveway And Rear Gate								
Cast in Place Concrete	20%			2048	* *			

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								
Air Circuit Breaker	100%			2061	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Low Voltage Power Circuit Breaker Disconnect Switches Rated At 1,600 Amperes Each.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2061	* *	5	$300	
Raceway								
Conduit	100%			2061	* *	1		
Panelboards								
Fused Disc Sw	5%			2057	* *	5		
Molded Case Bkrs	95%			2057	* *	5	$300	
Wiring								
Thermoplastic	100%			2061	* *	1		
Motor Controllers								
Variable Frequency Drive	100%			2052	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2052	* *	1	$3,300	

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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
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
Stand-by Power								
Generators								
Diesel	100%			2048	* *	1	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : Two Diesel Generators Rated At 644 Kilovolt Amperes, 515 Kilowatts Each.								
Batteries								
Lead/Acid	100%			2030	$2,700	5	$400	
Fuel Storage								
Day Tank	20%			2057	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : 275 Gallons Rated Capacity								
Main Tank	80%			2070	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground								
Explanation : 3,000 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	30%			2035	$60,700	10	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : T-5 Lamps								
LED	70%			2043	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, LED	50%			2070	* *	1		
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2070	* *	5	$200	
Alarm								
Security System								
No Component	60%							
Generic	40%			2043	* *	1	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lobby, Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2043	* *	1-3	$6,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Heating								
Energy Source								
Fuel Oil No 2	100%			2061	* *	5	$3,400	
Conversion Equipment								
Hot Water Boiler	100%			2048	* *	1	$5,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2051	* *	4	$800	
Terminal Devices								
Air Handler	70%			2040	* *	1	$4,700	
Convector/Radiator	30%			2048	* *	1	$1,100	
Controls								
Electrical	100%			2033	$65,900			
Air Conditioning								
Energy Source								
Electricity	100%			2057	* *	1		
Conversion Equipment								
Centrifugal,Elec Chiller	100%			2044	* *	1	$11,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Backyard								
Explanation : 2 Units. R-410a								
Distribution								
CW & CHW Water Pipe/Pump	100%			2055	* *	4	$800	
Terminal Devices								
Air Handler/Cool/Ht	75%			2040	* *	1	$5,000	
Fan Coil - 2 Pipe	25%			2040	* *	1	$900	
Heat Rejection								
Air Cooled Condenser Unit	100%			2040	* *	2	$7,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,000	
Exhaust Fans								
Interior	100%			2040	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	1		
Water Heater With Tanks								
Not Accessible	100%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2040	* *	1	$700	
Fixtures								
Generic	100%							

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-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
Plumbing								
Instantaneous Hot Water								
Not Accessible	100%							
Tankless Water Heater(POU								
Not Accessible	100%							
Hot Water Storage Tank								
Not Accessible	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2055	* *	1-2	$3,000	
Chemical System								
Dry	100%			2033	$1,273,100	1-10	$580,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Communication Room								
Explanation : 2 Sets Which Cover 2,000 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **COMMUNICATIONS CENTER-MANHATTAN**		
Address	: **79TH STREET TRANSVERSE ROAD CENTRAL PARK**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0004.010 / 1993**	**Yr Built/Renovated**	: **1915 / 2012**
Area Sq Ft	: **6,381**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **22-Feb-2024**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1**		
Block	: **1111** **Lot** : **1**	**BIN**	: **1083814**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$268,000	
Interior Architecture	$80,800	
Electrical	$59,600	$112,300
Mechanical	$51,800	$63,700
Total	**$460,200**	**$175,900**
Importance Code A	$268,000	
Importance Code B	$192,200	$175,900
Total	**$460,200**	**$175,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture		$1,700		$44,700
Interior Architecture	$39,500	$400	$500	
Electrical	$1,000	$1,300	$3,900	$4,200
Mechanical	$8,600	$3,700	$3,500	$8,600
Site Enclosure	$100			
Total	**$49,300**	**$7,000**	**$7,800**	**$57,400**
Importance Code A	$300	$2,000	$300	$45,100
Importance Code B	$25,500	$5,000	$7,600	$12,300
Importance Code C	$23,500			
Total	**$49,300**	**$7,000**	**$7,800**	**$57,400**

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

FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-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								
Cast Stone/Terra Cotta	30%	Now	$141,200	LIFE	* *	5	$25,300	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Right Side Near Gate								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Left Corner Of Building								
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 30%								
Location : All Facades								
Staining/Discoloring, Extent : Severe, Area Affected : 35%								
Location : All Facades								
Vegetation Growth, Extent : Severe, Area Affected : 25%								
Location : Front Facade								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : Cornice Trim								
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : All Facades								
Explanation : Moss And Algae Growing								
Masonry: Brick	2%			LIFE	* *	5	$200	
Masonry: Granite	68%	0-2	$126,800	LIFE	* *	5	$5,500	
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Rear Facade								
Windows								
Aluminum	90%			2051	* *	5	$2,400	
Metal Louvers	10%			2038	* *	10	$1,700	
Parapets								
Cast Stone/Terra Cotta	100%			LIFE	* *	5	$26,300	
Roof								
Copper/Terne	100%			2050	* *	10	$44,700	
Interior								
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	$12,500	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : First Floor And Basement								
Ceramic Tile	10%			2044	* *	5	$1,000	
Vinyl Tile	30%			2040	* *	3	$1,100	
Interior Walls								
Concrete Masonry Unit	30%			LIFE	* *	5	$1,300	
Gypsum Board	10%			LIFE	* *	5	$700	
Masonry: Brick	15%			LIFE	* *			
Plaster	25%			LIFE	* *	5	$800	
Plaster	20%	Now	$23,400	LIFE	* *	5	$700	
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Basement								
Worn/Erode, Extent : Moderate, Area Affected : 30%								
Location : Basement								

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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
Interior								
Ceilings								
AcousTile,Adhered	40%	Now	$80,800	2052	* *	5	$1,900	
Adhesion Failure, Extent : Severe, Area Affected : 80%								
Location : Grand Room								
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Grand Room								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Grand Room								
Worn/Erode, Extent : Severe, Area Affected : 60%								
Location : Grand Room								
AcousTileSusp.Lay-In	10%			2052	* *	5	$1,000	
Exposed Struc: Concrete	50%	4+	$15,700	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Basement								
Site Enclosure								
Fence/Gates								
Iron Picket	70%	4+	$100	2055	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 80%								
Location : Rear Of Building								
Masonry: Fieldstone	30%			2045	* *			
Retaining Walls								
Masonry: Fieldstone	100%			2055	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Rear Yard								
Explanation : Metal Structure Rusting								
Parking/Driveway								
Asphalt	100%			2038	* *			

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%			2055	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 1,200 Ampere Main Disconnect Switches								

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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								
Transformers								
Dry Type	100%			2033	$29,300	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : 75 Kilovolt Ampere, 208/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	60%			2035	$71,200	5		
Molded Case Bkrs	40%			2055	* *	5	$100	
Raceway								
Conduit	60%			2035	$10,600	1		
Conduit	40%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2051	* *	5		
Molded Case Bkrs	40%			2034	$8,700	5	$100	
Molded Case Bkrs	55%			2051	* *	5	$100	
Wiring								
Thermoplastic	40%			2035	$9,200	1		
Thermoplastic	60%			2055	* *	1		
Motor Controllers								
Locally Mounted	80%			2033	$41,100	5		
Locally Mounted	20%			2048	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$2,000	
Generators								
Diesel	100%			2044	* *	1	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Two 300 Kilowatts. Diesel Generators								
Batteries								
Lead/Acid	100%			2029	$2,700	5	$200	
Fuel Storage								
Day Tank	10%			2051	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Two 275 Gallons Capacity								
Underground Storage	90%			LIFE	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Underground								
Explanation : One 5000 Gallons								
Lighting								

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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								
Interior Lighting								
Fluorescent	50%			2030	$59,600	10	$2,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : T-12 Lamps								
LED	50%			2040	* *			
Egress Lighting								
Emergency, Service	45%			2040	* *	1		
Emergency, Battery	5%			2040	* *	10	$100	
Exit, LED	50%			2063	* *	1		
Exterior Lighting								
LED	10%			2040	* *			
No Component	90%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2063	* *	5	$200	
Alarm								
Security System								
Generic	100%			2040	* *	1	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Inside And Outside Perimeter								
Explanation : CCTV Surveillance System And Intrusion Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2040	* *	1-3	$3,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Horns And Smoke Detectors								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	10%			2045	* *	1		
Fuel Oil No 2	90%			2045	* *	5	$1,800	
Conversion Equipment								
Hot Water Boiler	90%			2048	* *	1	$2,800	
Other Observation, Extent : Light, Area Affected : 90%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Radiant Heater	10%			2040	* *	2	$300	
Distribution								
Hot Wtr Piping/Pump	90%			2051	* *	4	$400	
No Component	10%							

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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
Heating								
Terminal Devices								
Convector/Radiator	90%			2048	* *	1	$1,900	
No Component	10%							
Controls								
Electrical	100%			2033	$38,900			
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Centrifugal,Elec Chiller	30%			2044	* *	1	$2,100	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Back Yard								
Split Unit	10%	Now	$5,000	2040	* *			
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Back Yard								
Explanation : 2 Units. R-410a								
No Component	60%							
Distribution								
CW & CHW Water Pipe/Pump	30%			2055	* *	4	$100	
No Component	70%							
Terminal Devices								
Fan Coil - 2 Pipe	40%			2043	* *	1	$800	
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2040	* *	2	$1,300	
Dry Cooler	10%			2043	* *	2	$400	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$1,100	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Communication Equipment Room, Basement								
Explanation : New Ductwork								
No Component	70%							
Exhaust Fans								
Roof	30%			2030	$4,100	2	$100	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	1		

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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								
Water Heater With Tanks								
Electric	100%			2030	$51,800	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 100 Gallons								
Sanitary Piping								
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	$1,400	4	$200	
Sewage Ejector(s)								
Electric	100%			2040	* *	4	$400	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Dry	100%			2034	$63,700	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Communication Room								
Explanation : Room 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **01-Dec-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1**		
Block	: **3866** **Lot** : **70**	**BIN**	: **4439147**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$167,800	
Interior Architecture		$535,000
Electrical		$109,500
Mechanical	$220,700	$840,300
Total	**$388,500**	**$1,484,800**
Importance Code A	$167,800	
Importance Code B	$220,700	$949,800
Importance Code C		$535,000
Total	**$388,500**	**$1,484,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture				$700
Interior Architecture	$18,100	$300	$5,900	$2,100
Electrical	$1,600	$4,400	$1,800	$1,700
Mechanical	$8,500	$7,000	$8,700	$8,500
Site Enclosure	$27,100			
Site Pavements	$13,900			
Elevators/Escalators	$7,200	$7,200	$7,200	$7,200
Total	**$76,300**	**$18,900**	**$23,700**	**$20,200**
Importance Code A	$500	$500	$500	$1,200
Importance Code B	$50,900	$18,500	$22,800	$18,900
Importance Code C	$25,000		$400	
Total	**$76,300**	**$18,900**	**$23,700**	**$20,200**

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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%	0-2	$167,800	LIFE	* *	5	$20,400	
Rusting Masonry Supt, Extent : Moderate, Area Affected : 20%								
Location : Window Lintels								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Front And Rear Facade								
Masonry: Granite	3%			LIFE	* *	5	$500	
Masonry: Limestone	10%			LIFE	* *	5	$1,800	
Metal Coiling Doors	2%			2040	* *	5	$1,500	
Windows								
Aluminum	10%			2051	* *	5	$400	
Aluminum	90%			2051	* *	5	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Bullet Resistant Glass, Double Glazed Unit								
Roof								
Clay Tile	95%			2055	* *	10	$37,000	
Copper/Terne	5%			2063	* *	10	$4,900	
Interior								
Floors								
Carpet	30%	2-4	$3,600	2034	$72,800	3	$6,200	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : First Floor Main Area								
Worn/Erode, Extent : Light, Area Affected : 10%								
Location : First Floor Main Area								
Cast in Place Concrete	20%	Now	$4,700	LIFE	* *	5	$6,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : East Facade In Boiler Room								
Ceramic Tile	5%			2044	* *	5	$700	
Quarry Tile	2%	2-4	$400	2040	* *	5	$200	
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : Below Sink In Kitchen								
Raised Access Floor	20%			2044	* *	5	$10,300	
Terrazzo	5%	2-4	$1,300	LIFE	* *	5	$500	
Worn/Erode, Extent : Moderate, Area Affected : 5%								
Location : Basement Entry								
Vinyl Tile	18%			2040	* *	3	$900	

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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								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2044	* *	5	$900	
Fabric on Framing	20%			2036	$535,000	5	$1,800	
Gypsum Board	35%			LIFE	* *	5	$3,700	
Masonry: Brick	10%			LIFE	* *			
Plaster	5%	Now	$1,300	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Communication Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : South Wall Room B 07, Communication Room								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Explanation : Paint Peeling, Water Penetration								
Plaster	15%			LIFE	* *	5	$800	
Ceilings								
AcousTileSusp.Lay-In	45%	Now	$5,100	2048	* *	5	$3,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : First Floor								
Misaligned/Bulging, Extent : Light, Area Affected : 25%								
Location : Various Locations								
Staining/Discoloring, Extent : Severe, Area Affected : 2%								
Location : First Floor								
AcousTileSusp.Lay-In	5%	4+	$600	2048	* *	5	$300	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Kitchen								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Metal Panels								
Exposed Struc: Concrete	20%			LIFE	* *	5	$400	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$1,700	
Plaster	5%	Now	$1,000	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Communication Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Communication Room								
Plaster	10%			LIFE	* *	5	$900	
Site Enclosure								

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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
Site Enclosure								
Fence/Gates								
Chain Link	40%	Now	$3,700	2055	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Various Locations								
Iron Picket	60%	Now	$6,000	2070	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Base At Connections To Concrete								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Woodhaven Boulevard								
Explanation : Gate Is Misaligned								
Retaining Walls								
Cast in Place Concrete	100%	Now	$17,400	2070	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Cheak Wall At Main Entry Steps								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : At Railing Post Connections								
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Rear Yard								
Explanation : Steel Railing On Top Of Retaining Walls								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	75%			2048	* *			
Pavers/Stone	25%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Front Concrete Steps								
Explanation : Staining With Rust Marks								
Parking/Driveway								
Asphalt	100%	Now	$13,900	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Rear Yard								
Potholes, Extent : Severe, Area Affected : 10%								
Location : Rear Parking And Driveway								
Activity Yard								
Cast in Place Concrete	100%			2040	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard								
Explanation : One Communication Steel Tower, Three Permanent Electrical Structures, Water Penetration On Bricks With Staining								

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.
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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
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 2,000 Amperes.								
Transformers								
Dry Type	100%			2040	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 225 Kilovolt Amperes, 480/208/120 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5		
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2043	* *	5		
Molded Case Bkrs	95%			2043	* *	5	$200	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Connected To Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$3,000	
Generators								
Diesel	50%			2038	* *	1	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Two 638 Kilovolt Amperes								
Diesel	50%			2038	* *	1	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside The Building								
Explanation : Two 125 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2028	$2,500	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
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								
Fuel Storage								
Day Tank	10%			2043	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside The Building								
Explanation : Two 265 Gallons Rated Capacity								
Underground Storage	90%			LIFE	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Underground								
Explanation : 5,000 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	70%			2035	$109,500	10	$5,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	30%			2043	* *			
Egress Lighting								
Emergency, Service	50%			2035	$2,800	1		
Exit, Service	50%			2035	$2,000	1		
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2035	$18,400	1	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Offices, Basement, Outside Perimeter								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
Generic, Analog	100%			2035	$25,300	1-3	$6,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, 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								
Fuel Oil No 2	100%			2045	* *	5	$2,800	
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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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								
Distribution								
Hot Wtr Piping/Pump	100%			2051	* *	4	$700	
Terminal Devices								
Air Handler	55%			2035	$94,900	1	$3,100	
Convector/Radiator	20%			2040	* *	1	$600	
Fan Coil Unit/Heat	25%			2035	$56,800	1	$700	
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	15%			2036	$21,700	2	$100	
R-22 Refrigerant, Extent : Light, Area Affected : 15%								
Location : 4 Units. Communication Room								
Reciprocating Compr/Chiller	85%			2035	$115,000	1	$3,600	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Back Yard								
Distribution								
CW & CHW Water Pipe/Pump	85%			2055	* *	4	$600	
No Component	15%							
Terminal Devices								
Air Handler/Cool/Ht	35%			2035	$62,300	1	$2,000	
Fan Coil - 4 Pipe	50%			2035	$174,400	1	$1,500	
No Component	15%							
Heat Rejection								
Air Cooled Condenser Unit	85%			2035	$22,600	2	$5,400	
Dry Cooler	15%			2040	* *	2	$1,000	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,100	
Exhaust Fans								
Interior	100%			2040	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	1		
Water Heater With Tanks								
Oil Fired	50%			2030	$220,700	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Units 200 Gallons								
Oil Fired	50%			2034	$220,700	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit 70 Gallons								

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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
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To First Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2055	* *	1-2	$2,600	
Chemical System								
Generic	100%			2033	$116,200	1-10	$58,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1 Wet Set In Kitchen, 2 Dry Sets In Communication Room								
Explanation : 3 Sets								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: EMS 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY		
Address	: SEAVIEW HOSPITAL 460 BRIELLE AVE CO-LOCATION WITH ASSET 13433		
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	: 13-Mar-2025	**Landmark Status**	: HISTORICAL LANDMARK DISTRICT
Areas Surveyed	: Roof, Floors 1,Ph		
Block	: 955 **Lot** : 1	**BIN**	: 5113197

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$325,500	$329,600
Electrical		$111,500
Mechanical		$600,700
Site Pavements	$202,500	
Total	**$528,000**	**$1,041,900**
Importance Code A	$325,500	$329,600
Importance Code B		$712,300
Importance Code C	$202,500	
Total	**$528,000**	**$1,041,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$181,500		$5,400	
Interior Architecture	$40,100		$2,100	$800
Electrical	$2,700	$1,700	$4,600	$1,900
Mechanical	$51,300	$16,100	$20,300	$16,100
Site Enclosure	$14,800			
Site Pavements	$32,400			
Total	**$322,800**	**$17,800**	**$32,300**	**$18,800**
Importance Code A	$182,000	$500	$5,900	$500
Importance Code B	$89,100	$17,300	$26,400	$17,900
Importance Code C	$51,700			$400
Total	**$322,800**	**$17,800**	**$32,300**	**$18,800**

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Estimates are rounded to the nearest hundred dollars.
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FIRE DEPARTMENT - 057

EMS 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY

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%	Now	$135,200	LIFE	* *	5	$17,200	1
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Concrete Base Column Supports At Covered Walkway								
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Column Supports At Covered Walkway								
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Column Supports At Covered Walkway								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Column Supports At Covered Walkway								
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Fire Department Garage. Perimeter Walls								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Base Of Building And Corner Fdny Ems								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Front								
Explanation : Steel Column At Front Walk Way Rusting And Peeling Paint.								
Masonry: Brick Cavity	29%	0-2	$190,300	LIFE	* *	5	$10,000	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 30%								
Location : Front And Rear Facade								
Metal, Corrugated	20%	0-2	$29,700	2056	* *	1		
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Corrugated Metal Panels Exterior Facades								
Metal Panel	20%	Now	$25,000	2056	* *	5	$12,900	1
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Rooftop Metal Enclosure Panels								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Bulkhead Stair And Rooftop Mechanical Enclosure. Emergency Medical Services Roof								
Deformed/Dented, Extent : Severe, Area Affected : 30%								
Location : Rooftop Enclosure Panels								
Metal Sect. OHD	10%			2049	* *	5	$10,700	
Pre-cast Concrete	5%	Now	$27,300	LIFE	* *	5	$5,600	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Weathering Steel	5%	Now	$16,700	LIFE	* *	1		
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Scuppers At Roof								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Column Supports At Covered Walkway								
Explanation : Corrosion / Rusting								
Window Wall	1%			2056	* *	5	$1,300	
Windows								
Aluminum	100%	0-2	$1,400	2052	* *	5	$700	
Caulking Deteriorated, Extent : Light, Area Affected : 25%								
Location : Throughout								

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FIRE DEPARTMENT - 057

EMS 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY

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								
Parapets								
Metal Rail	5%	Now	$100	2049	* *	5	$200	
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Bulkheads								
Deteriorated Finish, Extent : Moderate, Area Affected : 15%								
Location : Railing At Main Roof								
Pre-cast Concrete	55%	Now	$6,700	LIFE	* *	5	$2,400	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 40%								
Location : Parepet Copings								
Pre-cast Concrete	40%	Now	$2,400	LIFE	* *	5	$1,700	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 30%								
Location : Coping								
Roof								
Modified Bitumen	70%	Now	$33,000	2036	$329,600			
Blisters, Extent : Moderate, Area Affected : 15%								
Location : Roof								
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Emergency Medical Services Section								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Unisex Bathroom								
Single Ply Membrane	30%			2041	* *	10	$11,800	
Soffits								
Metal Panel	100%	Now	$39,300	2066	* *	5	$8,500	
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : Underside Of Walkway Structural								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Underside Perimeter Of Covered Walkway								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Underside Perimeter Of Covered Walkway								
Interior								
Floors								
Cast in Place Concrete	70%	Now	$20,500	LIFE	* *	5	$24,100	
Ponding, Extent : Moderate, Area Affected : 30%								
Location : Fire Department Garage Apparatus Floor								
Ceramic Tile	5%			2045	* *	5	$800	
Vinyl Tile	25%			2041	* *	3	$1,500	
Interior Walls								
Ceramic Tile	5%			2045	* *	5	$700	
Concrete Masonry Unit	30%			LIFE	* *	5	$3,400	
Fiberglass Panel	5%			LIFE	* *	10	$200	
Gypsum Board	60%	Now	$2,600	LIFE	* *	5	$5,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Morgue Storage Area								

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

FIRE DEPARTMENT - 057

EMS 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY

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	20%			2049	* *	5	$3,100	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	40%			LIFE	* *	10	$12,600	
Gypsum Board	40%	Now	$2,400	LIFE	* *	5	$7,900	
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Unisex Bathroom								
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	100%	Now	$14,800	2056	* *			
Spalling, Extent : Moderate, Area Affected : 35%								
Location : Parking Lot Walls								
Retaining Walls								
Masonry: Brick	100%			2046	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	70%	0-2	$12,000	2041	* *			
Spalling, Extent : Moderate, Area Affected : 50%								
Location : Rear Steps								
Pavers/Stone	30%	0-2	$20,400	2045	* *			
Ponding, Extent : Light, Area Affected : 20%								
Location : Front Walkway								
Sinking/Subsiding, Extent : Light, Area Affected : 10%								
Location : Front Walkway								
Parking/Driveway								
Asphalt	100%	Now	$202,500	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Various Locations. Driveway And Parking Lot								
Potholes, Extent : Severe, Area Affected : 40%								
Location : Rear EMS And FDNY Parking 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	100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 1,200 Amperes								
Transformers								
Liquid Filled	100%			2034	$29,300	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outdoor								
Explanation : No Available Nameplate Ratings								

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FIRE DEPARTMENT - 057

EMS 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY

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
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2 Vertical Sections								
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2044	* *	5		
Molded Case Bkrs	95%			2044	* *	5	$300	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	50%			2041	* *	5		
Locally Mounted	50%			2034	$10,000	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Water Main Room								
Explanation : Water Main Pipe Grounded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2034	$14,400	1	$3,200	
Generators								
Diesel	100%			2032	$111,500	1	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Of The Building								
Explanation : Emergency Generator Rated At 80 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,700	5	$400	
Fuel Storage								
Main Tank	100%			2039	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : 275 Gallons Rated Capacity								
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

EMS 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY

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
Lighting								
Interior Lighting								
Fluorescent	5%			2036	$5,000	10	$500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Deferent Locations								
Fluorescent	5%			2031	$5,000	10	$500	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Deferent Locations								
LED	90%			2044	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : LED Light								
Egress Lighting								
Emergency, Service	50%			2036	$3,500	1		
Exit, Service	50%			2036	$2,500	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2036	$21,600	1	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Interior And Exterior								
Explanation : Security Camera System								
Fire/Smoke Detection								
Generic, Digital	100%			2036	$29,700	1-3	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Manual Pull Stations, Alarm Bells 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	100%			2056	* *	1		
Conversion Equipment								
Furnace	60%			2041	* *	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof, Emergency Medical Services And Fire Department Garages								
Explanation : 2 Packaged Rooftop Units With Gas Fire Furnaces And 5 Gasoline Fired Space Heaters								
Hot Water Boiler	40%			2041	* *	1	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Emergency Medical Services And Fire Department Boiler Rooms								
Explanation : One Gasoline Fired Hot Water Boilers								

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FIRE DEPARTMENT - 057

EMS 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY

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								
Distribution								
Hot Wtr Piping/Pump	100%	2-4	$1,300	2052	* *	4	$500	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room, One Of Two Hot Water Circulating Pump Is Corroded And About To Fail.								
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Terminal Devices								
Convector/Radiator	100%			2049	* *	1	$3,400	
Controls								
Electrical	100%	0-2	$3,200	2034	$64,000			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Defective Control For Heating								
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	80%			2036	$154,800	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Package Rooftop Units								
Split Unit	15%			2041	* *			
Window/Wall Unit	5%			2034	$2,200	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$17,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,300	
Exhaust Fans								
Roof	100%			2041	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2062	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$37,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : One 120 Gallons Gasoline Fire Hot Water Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2036	$5,100	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 22 AND FDNY FLEET SERVICES, BUILDING 50 -INTEGRATED FACILITY

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
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2056	* *	1-2	$700	
Chemical System								
Generic	100%			2031	$381,900	1-10	$174,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gasoline Filling								
Explanation : Gasoline Filling Station 20 Feet X 30 Feet Which Equals 600 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS BATTALION 40**		
Address	: **5011 7TH AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.278 / 13164**	**Yr Built/Renovated**	: **1912 /**
Area Sq Ft	: **5,478**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **19-Dec-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **794** **Lot** : **5**	**BIN**	: **3013389**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$155,300	$71,400
Interior Architecture	$566,100	$144,200
Electrical	$65,000	
Total	**$786,400**	**$215,600**
Importance Code A	$155,300	$71,400
Importance Code B	$631,100	$144,200
Total	**$786,400**	**$215,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$17,400	$9,200	$11,600	
Interior Architecture	$50,200	$1,000		
Electrical	$6,700	$300	$4,200	$200
Mechanical	$2,200	$700	$18,300	$800
Site Pavements	$2,000			
Total	**$78,500**	**$11,100**	**$34,000**	**$1,000**
Importance Code A	$24,400	$9,700	$12,100	$500
Importance Code B	$8,900	$1,100	$21,900	$400
Importance Code C	$45,200	$300		
Total	**$78,500**	**$11,100**	**$34,000**	**$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
EMS BATTALION 40
Asset # : 13164

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%	Now	$155,300	LIFE	* *	5	$18,900	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : South Facade								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : South Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : South Facade								
Masonry: Granite	5%			LIFE	* *	5	$1,100	
Masonry: Limestone	15%			LIFE	* *	5	$3,300	
Wood Overhead Doors	15%			2039	* *	5	$21,800	
Windows								
Aluminum	100%	Now	$13,000	2050	* *	5	$700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Various Lintel Locations Throughout Building.								
Parapets								
Masonry: Brick	45%			LIFE	* *	5	$1,100	
Masonry: Sandstone	5%	Now	$3,400	LIFE	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Coping At Front Facade								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn/Erode, Extent : Moderate, Area Affected : 15%								
Location : Coping At Front Facade								
Metal Panel	15%			2044	* *	5	$1,400	
Stucco Cement	35%			2047	* *	5	$2,200	
Roof								
Roll Roofing	100%			2033	$71,400	5	$18,300	
Interior								
Floors								
Cast in Place Concrete	35%	Now	$282,500	LIFE	* *	5	$7,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout Basement								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Apparatus Floor Support By Lolly Columns From Below								
Ceramic Tile	5%	Now	$1,300	2043	* *	5	$200	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : 1st And 2nd Floor Bathroom								
Quarry Tile	5%			2047	* *	5	$700	
Vinyl Tile	55%			2034	$144,200	3	$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
EMS BATTALION 40
Asset # : 13164

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%			2043	* *	5	$700	
Gypsum Board	20%			LIFE	* *	5	$1,600	
Masonry: Brick	15%	Now	$37,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Hose Tower								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Throughout Basement								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Front And Rear Of Basement								
Plaster	50%	Now	$7,900	LIFE	* *	5	$2,000	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Bathroom, Weight Room And Roof Scuttle								
Wood	10%			LIFE	* *	5	$5,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Locker Room Area								
Explanation : Wood Paneling Finish								
Ceilings								
AcousTileSusp.Lay-In	53%			2047	* *	5	$6,700	
Exposed Struc: Concrete	30%	Now	$283,600	LIFE	* *	5	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout Basement Ceiling								
Exposed Reinforcement, Extent : Moderate, Area Affected : 30%								
Location : Throughout Basement								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Rusted Metal Sidewalk Hatch Allows Water Infiltration								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : North Side Of Basement								
Explanation : Lolly Columns Supporting The Truck Floor Above Are Severely Rusted. Concrete Cover Of Steel Members Has Fallen Off And Exposed Horizontal Steel Member Appears Severely Rusted.								
Plaster	17%			LIFE	* *	5	$1,300	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2044	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2054	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2039	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2039	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2039	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 BATTALION 40
Asset # : 13164

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								
Activity Yard								
Cast in Place Concrete	100%	Now	$2,000	2039	* *			
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Rear Yard								

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	$6,500	2064	* *	5	$100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 350 Amperes And On Extended Life								
Switchgear / Switchboard								
Molded Case Bkrs	100%	0-2	$65,000	2064	* *	5	$100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Raceway								
Conduit	100%			2034	$36,800	1		
Panelboards								
Molded Case Bkrs	100%			2033	$49,600	5	$100	
Wiring								
Thermoplastic	100%			2034	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2032	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	80%			2039	* *	10	$4,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	20%			2042	* *			
Egress Lighting								
Exit, Service	100%			2034	$2,400	1		
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							
Alarm								

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 BATTALION 40
Asset # : 13164

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								
Generic	100%			2034	$10,300	1	$2,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stairways, Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2054	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$5,400	
Distribution								
Steam Piping/Pump	100%			2044	* *			
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	$1,800	
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Split Unit	10%			2034	$13,000			
Window/Wall Unit	80%			2032	$16,600	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,100	
Exhaust Fans								
Roof	50%			2039	* *	2	$100	
Wall Unit	50%			2039	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2-4	$1,400	2044	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Piping In Basement Near Meter								
No Water Meter, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 75 Gallons								
Sanitary 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 BATTALION 40
Asset # : 13164

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)								
Non-Submersible	100%			2034	$1,100	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	:	**EMS BATTALION 45/RADIO REPAIR/ TELEMETRY**			
Address	:	**58-65 52ND ROAD @ E.106 STREET**			
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	:	**02-Mar-2022**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1**			
Block	:	**2351** **Lot** : **23**	**BIN**	:	**4054172**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$1,118,100	
Interior Architecture	$1,665,200	
Electrical		$50,700
Mechanical		$270,500
Site Pavements	$424,700	
Total	**$3,208,000**	**$321,200**
Importance Code A	$1,118,100	$50,100
Importance Code B	$1,871,400	$271,000
Importance Code C	$218,400	
Total	**$3,208,000**	**$321,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$67,000	$2,300		
Interior Architecture	$36,000	$800		$1,800
Electrical	$6,000	$2,900	$3,200	$3,100
Mechanical	$19,900	$40,500	$4,500	$1,900
Total	**$128,900**	**$46,500**	**$7,700**	**$6,800**
Importance Code A	$68,300	$3,500	$1,300	$1,200
Importance Code B	$33,200	$43,100	$6,300	$5,600
Importance Code C	$27,300			
Total	**$128,900**	**$46,500**	**$7,700**	**$6,800**

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 BATTALION 45/RADIO REPAIR/ TELEMETRY

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	$26,400	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : East And West Facades								
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : East And West Facades								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Masonry: Brick	10%	4+	$40,600	LIFE	* *	5	$2,500	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Panel	5%			2053	* *	5-10	$8,500	
Metal Coiling Doors	10%			2046	* *	5	$7,700	
Stucco Cement	65%	Now	$907,200	2053	* *	5	$20,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : At Northeast Corner								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Corners, North And West Facades And Throughout								
Loose/Delam Surface, Extent : Severe, Area Affected : 2%								
Location : 52nd Avenue Facade								
Windows								
Aluminum	75%	4+	$76,600	2049	* *	5	$2,700	
Hardware Missing, Extent : Severe, Area Affected : 60%								
Location : Various Windows In Telemetry Unit								
Unit Inoperable, Extent : Severe, Area Affected : 60%								
Location : Telemetry Unit								
Steel	25%	Now	$134,300	2058	* *	5	$11,200	
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								
Under Construction	100%							
Roof								
Under Construction	100%							
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 BATTALION 45/RADIO REPAIR/ TELEMETRY

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	$1,420,600	LIFE	* *	5	$36,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Emergency Response Area. Garage								
Loose/Delam Surface, Extent : Severe, Area Affected : 50%								
Location : Emergency Response Area								
Uneven Surface, Extent : Severe, Area Affected : 50%								
Location : Emergency Response Area. Garage								
Ceramic Tile	3%			2042	* *	5	$1,100	
Panel/Paver: Cer/Brk	5%			2041	* *	5	$4,200	
Quarry Tile	3%			2038	* *	5	$1,700	
Raised Access Floor	5%			2042	* *	5	$7,000	
Steel Plate	1%	Now	$50,700	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	38%	4+	$77,900	2038	* *	3	$5,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$1,900	
Concrete Masonry Unit	70%			LIFE	* *	5	$10,600	
Gypsum Board	25%	0-2	$26,400	LIFE	* *	5	$5,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Toilet Rooms								
Ceilings								
AcousTileConcealSpLn	20%			2046	* *	5	$9,300	
AcousTileSusp.Lay-In	15%	Now	$4,600	2038	* *	5	$2,800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Office								
Exposed Struc: Steel	65%	Now	$116,000	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 2%								
Location : Emergency Response Area								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Emergency Response Area								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$206,200	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : 52nd Road, 52nd Avenue And 59th Street								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 BATTALION 45/RADIO REPAIR/ TELEMETRY
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
Site Pavements								
Parking/Driveway								
Asphalt	100%	0-2	$218,400	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout Parking Area								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Parking Area								
Potholes, Extent : Severe, Area Affected : 5%								
Location : Parking 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%			2059	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Emergency Medical Services Area								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	20%			2053	* *	5		
Molded Case Bkrs	80%			2059	* *	5	$600	
Raceway								
Conduit	50%			2033	$18,400	1		
Conduit	50%			2059	* *	1		
Panelboards								
Fused Disc Sw	2%			2032	$1,000	5		
Fused Disc Sw	2%			2055	* *	5		
Molded Case Bkrs	30%			2032	$14,900	5	$200	
Molded Case Bkrs	66%			2055	* *	5	$500	
Wiring								
Thermoplastic	40%			2033	$13,300	1		
Thermoplastic	60%			2059	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$8,300	
Generators								
Diesel	100%			2042	* *	1	$10,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Right Side Of The Building								
Explanation : One 83 Kilowatts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 BATTALION 45/RADIO REPAIR/ TELEMETRY
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
Stand-by Power								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$1,000	
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 60 Gallons								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 250 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2033	$7,600	1		
Exit, Service	50%			2033	$5,300	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$50,700	1	$10,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Cameras								

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%			2043	* *	1		
Natural Gas	95%			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

EMS BATTALION 45/RADIO REPAIR/ TELEMETRY

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
Heating								
Conversion Equipment								
Furnace	10%			2038	* *	1	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Total Five Rooftop Units. One Abandoned Package Unit								
Furnace	20%			2033	$15,400	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Rooftop Units								
Furnace	20%			2038	* *	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Rooftop Package Units								
Furnace	45%			2033	$34,700	1	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Apparatus Floor And Radio Shop Ceiling								
Explanation : 4 Gasoline Fired Modine Heaters								
Radiant Heater	5%			2033	$32,300	2	$600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2033	$125,000	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Roof								
Explanation : 2 Units								
Ext Pkg Unit - Heating/Cooling	30%			2038	* *	2	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units Using Refrigerant R-410a								
Window/Wall Unit	10%			2028	$9,400	1		
No Component	30%							
Dehumidifier								
No Component	80%							
Generic	20%			2034	$95,300			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Radio Shop								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$11,100	
Ductwork/Diffusers	20%			LIFE	* *	2-5	$2,800	

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

FIRE DEPARTMENT - 057

EMS BATTALION 45/RADIO REPAIR/ TELEMETRY

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
Ventilation								
Exhaust Fans								
Roof	60%			2033	$28,900	2	$500	
Wall Unit	10%			2028	$1,100	2	$100	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%	0-2	$15,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Storm Drain Piping								
Cast Iron	100%	0-2	$1,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Backflow Preventer								
Generic	100%			2028	$11,100	1	$1,500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2043	* *	1-2	$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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **EMS STATION 10 YORKVILLE STATION**
Address : **1918 1ST AVE.**
Borough : **MANHATTAN**
Program / Asset # : **FIRSEMS.010 / 13984**
Area Sq Ft : **2,900**
Date of Survey : **06-Oct-2022**
Areas Surveyed : **Floors 1**
Block : **1691** **Lot** : **1**
Agency's Number : **N/A**
Yr Built/Renovated :
Project Type : **FIRE DEPARTMENT**
Landmark Status : **NONE**
BIN : **1052997**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical		$68,900
Total		**$68,900**
Importance Code B		$68,900
Total		**$68,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture				$400
Interior Architecture	$200	$500		$200
Electrical	$400	$400	$700	$500
Mechanical	$100	$200	$1,100	$200
Site Pavements	$27,200			
Total	**$28,000**	**$1,100**	**$1,800**	**$1,300**
Importance Code A				$400
Importance Code B	$1,800	$600	$1,800	$900
Importance Code C	$26,200	$500		
Total	**$28,000**	**$1,100**	**$1,800**	**$1,300**

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

FIRE DEPARTMENT - 057
EMS STATION 10 YORKVILLE STATION
Asset # : 13984

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	100%			LIFE	* *	5	$6,700	
Windows								
Aluminum	100%			2050	* *	5	$900	
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$400	
Vinyl Tile	90%			2039	* *	3	$900	
Interior Walls								
Ceramic Tile	10%			2043	* *	5	$1,000	
Gypsum Board	80%			LIFE	* *	5	$4,800	
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
Plaster	100%			LIFE	* *	5	$1,200	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2054	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$1,000	2047	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 99th Street								
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Asphalt	90%	Now	$26,200	2043	* *			
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Northeast Corner								
Cast in Place Concrete	10%			2047	* *			

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%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : North Edge Of Parking Lot								
Explanation : Presently Served By Hospital								
Raceway								
Conduit	100%			2054	* *	1		
Panelboards								
Molded Case Bkrs	100%			2050	* *	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 10 YORKVILLE STATION
Asset # : 13984

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%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2047	* *	5		
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Access Obstructed By Vending Machine And Connected To Portable Generator Receptacle								
Lighting								
Interior Lighting								
LED	100%			2042	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$400	
Exit, LED	50%			2062	* *	1		
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2039	* *	1	$1,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Cameras Security System								
Fire/Smoke Detection								
Generic, Digital	100%			2042	* *	1-3	$1,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : All Devices Connected To The Main Fire Alarm Panel Located At The Hospital								

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	100%			2054	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Adjacent Space								
Explanation : Hot Water Is Provided By The Adjacent Space								
Terminal Devices								
Convector/Radiator	100%			2047	* *	1	$900	
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		

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

FIRE DEPARTMENT - 057
EMS STATION 10 YORKVILLE STATION
Asset # : 13984

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	100%			2034	$68,900			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$3,800	
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$200	
No Component	85%							
Exhaust Fans								
No Component	85%							
Not Accessible	15%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Water Heater With Tanks								
Electric	100%			2032	$23,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Closet								
Explanation : 50 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2054	* *	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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	:	**EMS STATION 14 SOUTH BRONX STATION**			
Address	:	**LINCOLN HOSPITAL 234 EAST 149TH STREET**			
Borough	:	**BRONX**	**Agency's Number**	:	**N/A**
Program / Asset #	:	**FIRSEMS.014 / 13986**	**Yr Built/Renovated**	:	**1976 / 2012**
Area Sq Ft	:	**3,500**	**Project Type**	:	**FIRE DEPARTMENT**
Date of Survey	:	**23-Sep-2022**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Floors 1**			
Block	:	**2335** **Lot** : **16**	**BIN**	:	**2097050**

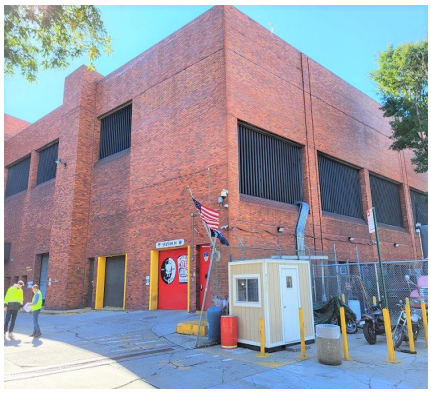
CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$11,900			
Interior Architecture	$1,800	$100	$1,500	$100
Electrical	$400	$300	$300	$400
Mechanical	$6,800	$300	$78,000	$300
Site Pavements	$23,100			
Total	**$44,000**	**$700**	**$79,800**	**$800**
Importance Code A	$11,900			
Importance Code B	$32,100	$700	$79,800	$800
Importance Code C				
Total	**$44,000**	**$700**	**$79,800**	**$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 14 SOUTH BRONX STATION
Asset # : 13986

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	$6,800	
Metal Coiling Doors	10%			2047	* *	5	$2,300	
Windows								
Aluminum	100%	Now	$10,700	2042	* *	5	$300	
Air Infiltration, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Single Pane								
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$2,600	
Ceramic Tile	5%			2043	* *	5	$200	
Sheet Vinyl/Rubber	50%			2039	* *	5	$3,000	
Vinyl Tile	15%	4+	$1,600	2034	$16,500	3	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Rest Area								
Interior Walls								
Ceramic Tile	2%			2043	* *	5		
Concrete Masonry Unit	88%			LIFE	* *	5	$700	
Gypsum Board	10%			LIFE	* *	5	$100	
Ceilings								
AcousTileConcealSpLn	3%	Now	$100	2039	* *	5	$100	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Offices								
AcousTileSusp.Lay-In	2%			2047	* *	5	$100	
Exposed Struc: Concrete	95%			LIFE	* *	5	$600	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$23,100	2047	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : 149th Street								
Parking/Driveway								
Cast in Place Concrete	100%			2047	* *			

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								
Transformers								
Dry Type	100%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 45 Kilovolt-ampere Transformer 480-208/120 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 14 SOUTH BRONX STATION
Asset # : 13986

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%			2054	* *	1		
Panelboards								
Fused Disc Sw	5%			2050	* *	5		
Molded Case Bkrs	95%			2050	* *	5	$100	
Wiring								
Thermoplastic	100%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2047	* *	5		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	80%			2034	$24,300	10	$2,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	20%			2042	* *			
Egress Lighting								
Emergency, Battery	50%			2034	$2,900	10	$400	
Exit, Battery	50%			2034	$2,500	10	$100	
Exterior Lighting								
HID	20%			2034	$3,300	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2039	* *	1	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Oudide And Inside The Building								
Explanation : Cameras Security System								
Fire/Smoke Detection								
Generic, Digital	100%			2039	* *	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								
Distribution								
Steam Piping/Pump	100%			2034	$28,000			
Terminal Devices								
Convector/Radiator	30%			2032	$8,600	1	$300	
Fan Coil Unit/Heat	50%			2029	$43,400	1	$600	
Unit Heater - Steam	20%			2034	$4,000	4	$100	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

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

FIRE DEPARTMENT - 057
EMS STATION 14 SOUTH BRONX STATION
Asset # : 13986

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	50%			2027	$6,600	1		
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Chilled Water Supplied From Hospital								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$4,600	
Terminal Devices								
Fan Coil - 4 Pipe	50%			2029	$33,300	1	$600	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2044	* *	1-2	$1,000	
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS STATION 15 WILLIAMS BRIDGE STATION**		
Address	: **4109 WHITE PLAINS ROAD BTWN E.229 ST. - E.230 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSEMS.015 / 13987**	**Yr Built/Renovated**	: **1907 / 1998**
Area Sq Ft	: **5,000**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **22-Sep-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4832** **Lot** : **6**	**BIN**	: **2087346**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$231,600	$76,500
Total	**$231,600**	**$76,500**
Importance Code A	$231,600	$76,500
Total	**$231,600**	**$76,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$47,800			$100
Interior Architecture	$72,200	$300		$500
Electrical	$13,500	$500	$600	$600
Mechanical	$7,400	$400	$26,900	$500
Site Enclosure	$500			
Site Pavements	$8,300			
Total	**$149,700**	**$1,200**	**$27,500**	**$1,700**
Importance Code A	$48,100	$200	$300	$300
Importance Code B	$75,600	$700	$27,300	$1,400
Importance Code C	$26,000	$300		
Total	**$149,700**	**$1,200**	**$27,500**	**$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 15 WILLIAMS BRIDGE STATION
Asset # : 13987

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%	4+	$24,500	LIFE	* *	5	$14,900	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 80%								
Location : All Facades								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Side Driveway To Basement								
Masonry: Limestone	10%			LIFE	* *	5	$1,300	
Wood Overhead Doors	5%	2-4	$2,500	2047	* *	5	$2,200	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Windows								
Aluminum	10%			2050	* *	5	$200	
Aluminum	10%	Now	$8,800	2059	* *	5	$100	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 2%								
Location : 3rd Floor Dormitory And Locker Room								
Wood	80%	Now	$11,900	2050	* *	5	$7,400	
Air Infiltration, Extent : Severe, Area Affected : 2%								
Location : Throughout								
Deteriorated Finish, Extent : Severe, Area Affected : 2%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Front Facade Windows, 2nd Floor Window In Lieutenants Office								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$2,000	
Masonry: Brick	80%	Now	$171,200	LIFE	* *	5	$1,400	
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Parapet Wall								
Spalling, Extent : Severe, Area Affected : 10%								
Location : Parapet Wall								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : All Faces Of Parapet Wall								
Explanation : Roof Side Of Brick Parapet Walls Coated With Bituminous Tar Which Is Damaging The Brick Units								
Masonry: Brownstone	5%			LIFE	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Parapet Coping								
Explanation : Actually Slate Coping Stones								
Roof								
Built-Up (BUR)	95%	Now	$60,400	2044	* *			
Blisters, Extent : Severe, Area Affected : 20%								
Location : Main Roof								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Erode, Extent : Severe, Area Affected : 30%								
Location : Main Roof								
Skylight, Metal/Glass	5%			2034	$76,500	10	$900	

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

FIRE DEPARTMENT - 057
EMS STATION 15 WILLIAMS BRIDGE STATION
Asset # : 13987

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	$34,600	LIFE	* *	5	$8,900	
Horizontal Cracks, Extent : Severe, Area Affected : 100%								
Location : Throughout Basement, Apparatus Floor								
Vinyl Tile	40%	Now	$9,000	2039	* *	3	$1,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : 3rd Floor								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor								
Worn/Erode, Extent : Severe, Area Affected : 20%								
Location : 2nd Floor								
Vinyl Tile	10%			2039	* *	3	$400	
Interior Walls								
Cast in Place Concrete	2%			LIFE	* *			
Ceramic Tile	4%			2043	* *	5	$500	
Concrete Masonry Unit	20%			LIFE	* *	5	$1,100	
Gypsum Board	20%	Now	$800	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	20%	2-4	$10,300	LIFE	* *			
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Worn/Erode, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Plaster	20%	Now	$3,300	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Basement, Stairways								
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Throughout Basement								
SGFT/Glazed Masonry	12%	4+	$2,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Wood	2%			LIFE	* *	5	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 15 WILLIAMS BRIDGE STATION
Asset # : 13987

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								
Embossed Metal	5%	4+	$200	LIFE	* *	5	$200	
Paint Peeling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Gypsum Board	40%	Now	$1,100	LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Plaster	40%	Now	$9,900	LIFE	* *	5	$2,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : 3rd Floor Under Roof								
No Component	15%							
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement Ceiling								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$500	2054	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Entrance To Driveway								
Free Standing Walls								
Masonry: Brick	100%			2054	* *			
Retaining Walls								
Cast in Place Concrete	100%			2069	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$2,200	2047	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Rear Of Building								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement From Rear Yard Area								
Explanation : Water Penetration								
Parking/Driveway								
Asphalt	100%	0-2	$6,200	2043	* *			
Cracking/Crumbling, Extent : Moderate, 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								
Service Equipment								
Fused Disc Sw	100%			2054	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								

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 15 WILLIAMS BRIDGE STATION
Asset # : 13987

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%			2054	* *	1		
Panelboards								
Molded Case Bkrs	100%			2050	* *	5	$100	
Wiring								
Thermoplastic	100%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5		
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$1,500	
Generators								
Diesel	100%			2037	* *	1	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : Emergency Generator Rated At 50 Kilovolt Ampere 40 Kilowatts.								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : 50 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	50%			2034	$21,700	10	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	50%			2042	* *			
Egress Lighting								
Emergency, Service	45%			2034	$1,400	1		
Emergency, Battery	5%			2034	$400	10	$100	
Exit, Service	50%			2034	$1,100	1		
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							
Alarm								

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 15 WILLIAMS BRIDGE STATION
Asset # : 13987

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								
Generic	100%			2039	* *	1	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2054	* *	1		
Conversion Equipment								
Furnace	30%			2034	$4,700	1	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit In Basement, 1 Unit In Apparatus Floor								
Explanation : 2 Units								
Hot Water Boiler	70%			2032	$37,200	1	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2042	* *	4	$200	
Terminal Devices								
Convector/Radiator	65%			2032	$26,600	1	$1,100	
Fan Coil Unit/Heat	5%			2034	$6,200	1	$100	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2029	$9,500	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Unit								
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$1,300	2044	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main And Piping, Basement								
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								

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 15 WILLIAMS BRIDGE STATION
Asset # : 13987

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		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Toilet								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%	2-4	$5,500	2064	* *	1-2	$200	
Corroded, Extent : Severe, Area Affected : 80%								
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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **EMS STATION 16 HARLEM STATION**
Address : **524 LENOX AVE. @ HARLEM HOSPITAL**
Borough : **MANHATTAN**
Agency's Number : **N/A**
Program / Asset # : **FIRSEMS.016 / 13985**
Yr Built/Renovated : **1959 /**
Area Sq Ft : **3,500**
Project Type : **FIRE DEPARTMENT**
Date of Survey : **16-Feb-2023**
Landmark Status : **NONE**
Areas Surveyed : **Floors 1**
Block : **1731** **Lot** : **1** **BIN** : **1082168**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$107,000	$147,900
Total	**$107,000**	**$147,900**
Importance Code B	$107,000	$147,900
Total	**$107,000**	**$147,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$35,700			
Interior Architecture	$10,800			$700
Electrical	$1,400	$400	$300	$300
Mechanical	$100	$100	$1,000	$100
Site Pavements	$17,100			
Total	**$65,100**	**$500**	**$1,300**	**$1,100**
Importance Code A	$35,700			
Importance Code B	$8,800	$500	$1,300	$1,100
Importance Code C	$20,600			
Total	**$65,100**	**$500**	**$1,300**	**$1,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 16 HARLEM STATION
Asset # : 13985

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								
Soffits								
Cast in Place Concrete	100%	4+	$35,700	LIFE	* *	5	$15,100	
Paint Peeling, Extent : Severe, Area Affected : 80%								
Location : Decontamination Bay								
Interior								
Floors								
Terrazzo	10%	0-2	$2,800	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Vinyl Tile	90%	Now	$3,000	2034	$147,900	3	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2037	* *	5	$400	
Glass: Single Pane	5%			LIFE	* *	5	$300	
Marble Panels	5%			LIFE	* *			
Plaster	85%	Now	$3,200	LIFE	* *	5	$2,000	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Mens Locker Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Mens Locker Room								
Ceilings								
AcousTileSusp.Lay-In	80%	Now	$1,600	2047	* *	5	$2,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Storage Room								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Mens Locker Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Mens Locker Room								
Exposed Struc: Concrete	20%	Now	$107,000	LIFE	* *	5	$200	
Paint Peeling, Extent : Light, Area Affected : 100%								
Location : Decontamination Bay Corridor								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Decontamination Bay Corridor								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2044	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2039	* *			
Parking/Driveway								
Cast in Place Concrete	100%	4+	$17,100	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Decontamination Bay								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 16 HARLEM STATION
Asset # : 13985

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	100%			2042	* *	5	$100	
Wiring								
Thermoplastic	100%			2044	* *	1		
Lighting								
Interior Lighting								
Fluorescent	100%			2034	$30,400	10	$3,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Service	50%			2034	$1,100	1		
Exit, Service	50%			2034	$800	1		
Exterior Lighting								
HID	30%	Now	$1,000	2034	$4,900			
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Building Exterior								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
Explanation : Controlled Via Photocell								
No Component	70%							
Alarm								
Security System								
Generic	100%			2042	* *	1	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Entrance								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2034	$9,000	1-3	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Part Of Hospital 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								
Plant Campus Steam / PRV	25%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Supplied From Harlem Hospital								
No Component	75%							

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

FIRE DEPARTMENT - 057
EMS STATION 16 HARLEM STATION
Asset # : 13985

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	25%			2044	* *			
No Component	75%							
Terminal Devices								
Convector/Radiator	25%			2047	* *	1	$300	
No Component	75%							
Controls								
Electrical	100%			2032	$19,500			
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	25%			2042	* *	2	$100	
Other Observation, Extent : Light, Area Affected : 100% Location : Hospital Roof Explanation : No Access								
Split Unit	5%			2034	$4,200			
Other Observation, Extent : N/A, Area Affected : 100% Location : Medical Equipment Room Lounge Explanation : 2 Units. 1 Wall Mounted And 1 Ceiling Cassette.								
Window/Wall Unit	5%	0-2	$100	2029	$700	1		
Not in Service, Extent : Moderate, Area Affected : 5% Location : 1st Floor. Two Window/Wall Units Are Not Working								
No Component	65%							
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2	$1,100	
No Component	75%							
Ventilation								
Exhaust Fans								
Roof	100%			2034	$6,800	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Not Accessible	100%							
Fixtures								
Generic	100%							
Fire Suppression								
Fire Pump								
Not Accessible	100%							

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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS STATION 18 BATHGATE STATION**		
Address	: **1647 WASHINGTON AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSEMS.018 / 13707**	**Yr Built/Renovated**	: **2002 /**
Area Sq Ft	: **5,990**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **15-Jun-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **2905** **Lot** : **30**	**BIN**	: **2817123**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical		$52,000
Site Pavements		$166,300
Total		**$218,300**
Importance Code B		$52,000
Importance Code C		$166,300
Total		**$218,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$2,700	$15,900	$300	
Interior Architecture	$500		$300	
Electrical	$3,500	$1,000	$1,200	$1,000
Mechanical	$900	$17,600	$2,600	$500
Site Pavements	$8,300			
Total	**$16,000**	**$34,500**	**$4,400**	**$1,500**
Importance Code A	$2,800	$16,400	$400	$500
Importance Code B	$4,600	$18,100	$4,000	$1,000
Importance Code C	$8,600			
Total	**$16,000**	**$34,500**	**$4,400**	**$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
EMS STATION 18 BATHGATE STATION
Asset # : 13707

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%			2053	* *	10	$1,000	
Concrete Masonry Unit	10%			LIFE	* *	5	$1,000	
Masonry: Brick Cavity	55%			LIFE	* *	5	$8,800	
Metal Sect. OHD	15%			2046	* *	5	$7,500	
Windows								
Aluminum	100%			2049	* *	5	$600	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$1,500	
Pre-cast Concrete	10%	4+	$2,700	LIFE	* *	5	$1,100	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Coping								
Roof								
Modified Bitumen	75%			2038	* *	10	$12,600	
Single Ply Membrane	20%			2038	* *	10	$3,400	
Sloped Glazing	5%			LIFE	* *	5	$11,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Above Exterior Awning Over Vehicle Entrance								
Explanation : Plastic Glazing								
Soffits								
Metal, Corrugated	100%			2053	* *	1		
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	* *	5	$12,700	
Ceramic Tile	5%			2042	* *	5	$400	
Vinyl Tile	30%			2038	* *	3	$1,000	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$500	
Concrete Masonry Unit	60%			LIFE	* *	5	$2,600	
Gypsum Board	35%			LIFE	* *	5	$2,200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Lower Section Of Walls								
Explanation : Protected With Steel Plates								
Ceilings								
AcousTileSusp.Lay-In	35%			2046	* *	5	$3,100	
Exposed Struc: Steel	65%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	15%			2068	* *			
Chain Link	85%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Asphalt	40%			2036	$11,300			
Cast in Place Concrete	60%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 18 BATHGATE STATION
Asset # : 13707

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	100%	4+	$8,300	2036	$166,300			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
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%			2053	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 600 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5		
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	20%			2049	* *	5		
Molded Case Bkrs	80%			2049	* *	5	$100	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$1,800	
Generators								
Diesel	100%			2042	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : Diesel Generator Rated At 313 Kilovolt Amperes 250 Kilowatts At 0.8 Power Factor								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	
Fuel Storage								
Day Tank	100%			2049	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : 90 Gallons Capacity								
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 18 BATHGATE STATION
Asset # : 13707

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%			2033	$52,000	10	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Interior And Exterior								
Explanation : Cameras Security System								
Fire/Smoke Detection								
Generic, Digital	100%			2038	* *	1-3	$3,700	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : 1st Floor								

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%			2053	* *	1		
Conversion Equipment								
Furnace	30%			2033	$5,600	1	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 1 Natural Gasoline Fired Packaged Rooftop Unit								
Radiant Heater	70%			2038	* *	2	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Garage								
Explanation : 3 Natural Gasoline Fired Space Heaters								
Terminal Devices								
Fan Coil Unit/Heat	10%	0-2	$700	2038	* *	1	$200	
Broken, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor. One Cracked Fan Coil								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vestibule								
Explanation : Electric Cabinet Unit Heater								
No Component	90%							
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
EMS STATION 18 BATHGATE STATION
Asset # : 13707

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%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2033	$30,200	2	$100	
Split Unit	2%			2033	$2,800			
No Component	68%							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$7,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,300	
Exhaust Fans								
Roof	60%			2033	$7,000	2	$100	
Wall Unit	40%			2033	$1,000	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2033	$2,700	1	$400	
Fixtures								
Generic	100%							
Low Consumption Fixtures, Extent : Light, Area Affected : 100%								
Location : Men And Women Toilet Rooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS STATION 19 (FORMER ENGINE CO. 75)**		
Address	: **2285 JEROME AVENUE @ E. 183 STREET**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0017.000 / 13399**	**Yr Built/Renovated**	: **1901 / 2001**
Area Sq Ft	: **6,495**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **18-Apr-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3197** **Lot** : **33**	**BIN**	: **2014235**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$60,300	$116,000
Interior Architecture		$105,100
Total	**$60,300**	**$221,000**
Importance Code A	$60,300	$116,000
Importance Code B		$105,100
Total	**$60,300**	**$221,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$25,000	$9,900		$6,100
Interior Architecture	$12,300	$2,200	$1,300	$500
Electrical	$42,900	$3,700	$1,100	$1,200
Mechanical	$2,900	$500	$700	$500
Total	**$83,200**	**$16,300**	**$3,000**	**$8,300**
Importance Code A	$40,400	$10,200	$300	$6,400
Importance Code B	$42,700	$6,100	$2,000	$1,900
Importance Code C			$700	
Total	**$83,200**	**$16,300**	**$3,000**	**$8,300**

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 19 (FORMER ENGINE CO. 75)
Asset # : 13399

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	$60,300	LIFE	* *	5	$14,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : West Facade								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 2%								
Location : At Lintel Above Bay Door, Facade Brickwork								
Painted Surfaces, Extent : Light, Area Affected : 50%								
Location : West Facade								
Metal Sect. OHD	20%			2040	* *	5	$12,200	
Pre-cast Concrete	5%			LIFE	* *	5	$3,200	
Windows								
Aluminum	100%			2051	* *	5	$2,200	
Parapets								
Masonry: Brick	40%	Now	$1,800	LIFE	* *	5	$700	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Metal Rail	50%			2048	* *	5-10	$16,300	
Pre-cast Concrete	10%			LIFE	* *	5	$1,100	
Roof								
Modified Bitumen	100%	Now	$23,200	2035	$116,000			
Blisters, Extent : Severe, Area Affected : 20%								
Location : Upper Roof								
Seams Open/Split, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof								
Interior								
Floors								
Cast in Place Concrete	55%	Now	$10,200	LIFE	* *	5	$13,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Room								
Ceramic Tile	10%			2044	* *	5	$1,100	
Vinyl Tile	35%	Now	$2,100	2035	$105,100	3	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor Locker Rooms								
Interior Walls								
Ceramic Tile	10%			2044	* *	5	$1,500	
Concrete Masonry Unit	10%			LIFE	* *	5	$600	
Gypsum Board	10%			LIFE	* *	5	$900	
Masonry: Brick	10%			LIFE	* *			
Masonry: Fieldstone	10%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$2,200	
Ceilings								
AcousTileSusp.Lay-In	40%			2048	* *	5	$4,300	
Embossed Metal	40%			LIFE	* *	5	$2,000	
Exposed Struc: Concrete	5%			LIFE	* *	5	$100	
Exposed Struc: Steel	15%			LIFE	* *			
Site Enclosure								

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

FIRE DEPARTMENT - 057
EMS STATION 19 (FORMER ENGINE CO. 75)
Asset # : 13399

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%			2045	* *			
Retaining Walls								
Cast in Place Concrete	100%			2055	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2048	* *			

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%	0-2	$15,100	2065	* *	5		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Suspected Water Damage, Corroded								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5		
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	20%			2043	* *	5		
Molded Case Bkrs	80%			2043	* *	5	$100	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5		
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$2,000	
Generators								
Diesel	100%			2038	* *	1	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 40 Kilowatts								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 19 (FORMER ENGINE CO. 75)
Asset # : 13399

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%			2028	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2050	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Backyard								
Explanation : No Available Nameplate Rating Capacity								
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Egress Lighting								
Emergency, Service	50%			2035	$2,000	1		
Exit, LED	50%			2050	* *	1		
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%	Now	$16,800	2045	* *	1-3	$3,600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Fire Alarm Is Not Operational.								

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%			2045	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	$3,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr 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.
Maintenance $ are aggregated over a ten-year period. 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 19 (FORMER ENGINE CO. 75)

Asset # : 13399

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%			2040	* *	1	$1,100	
Fan Coil Unit/Heat	10%	0-2	$1,600	2035	$16,100	1	$200	
Broken, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Entrance. One Broken Electric Univents								
Unit Heater - Steam	40%			2035	$14,800	4	$400	
Controls								
Electrical	100%			2033	$36,100			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	10%			2040	* *			
Window/Wall Unit	60%			2033	$14,800	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$1,400	
No Component	60%							
Exhaust Fans								
Roof	40%			2040	* *	2	$100	
Wall Unit	30%			2040	* *	2	$100	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 80 Gallon Unit Used With Solar Unit								
HW Heat Exchanger								
Steam Fired	100%			2055	* *	4	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof. Basement								
Explanation : Solar								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$300	2035	$1,300	4	$100	
Corroded, Extent : Severe, Area Affected : 10%								
Location : The Housing								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Dual 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
EMS STATION 19 (FORMER ENGINE CO. 75)
Asset # : 13399

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%			2040	* *	1	$400	
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	:	**12,848**	**Project Type**	:	**FIRE DEPARTMENT**
Date of Survey	:	**06-Feb-2025**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1**			
Block	:	**4205** **Lot** : **1**	**BIN**	:	**2097552**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$108,700
Mechanical		$71,400
Total		**$180,200**
Importance Code A		$108,700
Importance Code B		$71,400
Total		**$180,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$67,300	$1,400	$2,800	
Interior Architecture	$36,400	$4,200	$1,500	$700
Electrical	$1,200	$1,400	$1,400	$1,200
Mechanical	$31,000	$200	$1,400	$400
Total	**$135,900**	**$7,100**	**$7,000**	**$2,400**
Importance Code A	$67,300	$1,400	$2,800	
Importance Code B	$58,100	$5,700	$4,300	$2,100
Importance Code C	$10,500			$300
Total	**$135,900**	**$7,100**	**$7,000**	**$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

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	$33,400	LIFE	* *	5	$8,100	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Lower Half Of All Facades								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Northern Half Of Building								
Explanation : The Emergency Medical Services Facility Resides In Portion Of Entire Building								
Metal Panel	10%	Now	$1,300	2046	* *	5	$1,800	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : At Building Corners And Window Sills								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : At Building Corners And Window Sills								
Metal Coiling Doors	5%			2049	* *	5	$1,500	
Windows								
Aluminum	100%			2058	* *	5	$2,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Windows								
Roof								
Modified Bitumen	100%	Now	$32,600	2036	$108,700			
Reflective Surface, Extent : Light, Area Affected : 100%								
Location : Roof Entire								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : West Side Of Roof. Observed From Ground Plane								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Roof Penetrations And North East Corner Of Storage Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Entire								
Explanation : Condition Of Roof Observed From Ground Plane. No Access Hatch Available								
Soffits								
Metal Panel	30%			2046	* *	5-10	$4,800	
Stucco Cement	70%			2049	* *	5	$4,100	
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$18,200	
Ceramic Tile	5%			2045	* *	5	$800	
Vinyl Tile	70%			2041	* *	3	$4,400	
Interior Walls								
Ceramic Tile	5%			2045	* *	5	$700	
Gypsum Board	55%			LIFE	* *	5-10	$12,100	
SGFT/Glazed Masonry	40%			LIFE	* *	10	$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
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
Interior								
Ceilings								
AcousTileSusp.Lay-In	50%			2053	* *	5	$8,300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Exposed Struc: Steel	45%			LIFE	* *	10	$15,000	
Gypsum Board	5%			LIFE	* *	5-10	$2,900	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2046	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%			2049	* *			
Cast in Place Concrete	10%			2053	* *			

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%			2062	* *	1		
Panelboards								
Fused Disc Sw	5%			2058	* *	5		
Molded Case Bkrs	95%			2058	* *	5	$300	
Wiring								
Thermoplastic	100%			2062	* *	1		
Motor Controllers								
Locally Mounted	100%			2053	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2044	* *			
Egress Lighting								
Emergency, Battery	50%			2044	* *	10	$1,600	
Exit, Service	50%			2044	* *	1		
Exterior Lighting								
LED	10%			2044	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2044	* *	1	$4,800	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Camera								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2044	* *	1-3	$7,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Station, Alarm Bells, Horns, Smoke Detector								

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								
Plant Campus Steam / PRV	40%			2056	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hospital Campus								
Explanation : Steam Is Provided From Adjacent Building No.7. Storehouse								
No Component	60%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout Except Garage								
Explanation : Reported Under Air Conditioning								
Distribution								
Central Plant Steam Piping/Pmp	40%			2056	* *	4	$400	
No Component	60%							
Terminal Devices								
Convector/Radiator	10%			2049	* *	1	$400	
Unit Heater - Steam	30%			2041	* *	4	$400	
No Component	60%							
Controls								
Electrical	100%	Now	$7,100	2034	$71,400			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		

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

FIRE DEPARTMENT - 057

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								
Conversion Equipment								
Split Unit	60%	Now	$18,300	2041	* *			
Controller Not Working, Extent : Severe, Area Affected : 5%								
Location : Advanced Life Support Storage Room								
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Lieutenants Office								
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Throughout Except Garage								
Window/Wall Unit	10%			2034	$4,900	1		
No Component	30%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Garage								
Explanation : Location Noted								
Heat Rejection								
Air Cooled Condenser Unit	60%			2041	* *	2	$5,400	
No Component	40%							
Ventilation								
Distribution								
Ductwork Stainless Steel	100%			LIFE	* *			
Exhaust Fans								
Interior	80%			2041	* *	2	$300	
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$3,300	2056	* *	1		
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Female Locker Room - Toilet Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$900	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Mechanical Room								
Sump Pump(s)								
Submersible	100%			2030	$400	4	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Two Units								
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.*

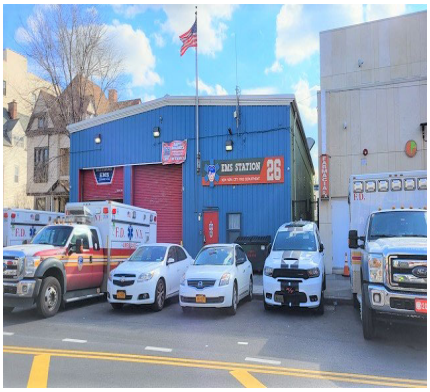
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS STATION 26 MORRISANIA STATION**		
Address	: **1264 BOSTON ROAD BTWN E.168 ST. - E.169 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSEMS.026 / 13991**	**Yr Built/Renovated**	:
Area Sq Ft	: **7,500**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **27-Jan-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **2663** **Lot** : **22**	**BIN**	: **2004749**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical	$101,800	
Total	**$101,800**	
Importance Code B	$101,800	
Total	**$101,800**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$64,000		$1,100	$300
Interior Architecture	$15,500	$500		$500
Electrical	$3,400	$800	$800	$800
Mechanical	$500	$500	$9,000	$600
Site Pavements	$1,000			
Total	**$84,400**	**$1,800**	**$10,900**	**$2,200**
Importance Code A	$64,400	$400	$1,500	$700
Importance Code B	$19,000	$1,200	$9,400	$1,500
Importance Code C	$1,000	$200		
Total	**$84,400**	**$1,800**	**$10,900**	**$2,200**



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

FIRE DEPARTMENT - 057
EMS STATION 26 MORRISANIA STATION
Asset # : 13991

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, Corrugated	95%	Now	$26,600	2054	* *	1		
Corrosion/Rusting, Extent : Severe, Area Affected : 20%								
Location : Bottom Of Street Wall								
Deformed/Dented, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Metal Coiling Doors	5%			2039	* *	5	$2,200	
Windows								
Aluminum	100%			2050	* *	5	$600	
Roof								
Metal Panel	100%			2047	* *	10	$37,400	
Interior								
Floors								
Cast in Place Concrete	55%	0-2	$9,700	LIFE	* *	5	$12,500	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Apparatus								
Ceramic Tile	5%			2043	* *	5	$500	
Vinyl Tile	40%			2039	* *	3	$2,100	
Patching Evident, Extent : Light, Area Affected : 10%								
Location : 1st Floor								
Interior Walls								
Ceramic Tile	5%			2043	* *	5	$500	
Concrete Masonry Unit	55%			LIFE	* *	5	$2,000	
Metal Panel	40%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	100%			2047	* *	5	$10,400	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2054	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Front Of Building								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Cast in Place Concrete	100%	4+	$1,000	2047	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rear 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								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 26 MORRISANIA STATION
Asset # : 13991

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Office								
Explanation : One Main Service Switch Rated At 200 Amperes.								
Raceway								
Conduit	100%			2034	$36,800	1		
Panelboards								
Molded Case Bkrs	100%			2056	* *	5	$200	
Wiring								
Thermoplastic	40%			2034	$13,300	1		
Thermoplastic	60%			2060	* *	1		
Motor Controllers								
Locally Mounted	100%			2032	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2051	* *	1	$2,300	
Generators								
Diesel	100%			2030	$101,800	1	$2,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Rear Of Building								
Explanation : Rated At 80 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$300	
Fuel Storage								
Day Tank	100%			2033	$25,600	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Rear Of Building								
Explanation : 60 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2042	* *			
Egress Lighting								
Emergency, Service	40%			2042	* *	1		
Emergency, Battery	30%			2042	* *	10	$500	
Exit, Battery	30%			2042	* *	10	$200	
Exterior Lighting								
LED	20%			2042	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Photocell								
No Component	80%							
Alarm								

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 26 MORRISANIA STATION
Asset # : 13991

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								
Generic	100%			2042	* *	1	$2,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside The Building								
Explanation : CCTV Surveillance Cameras								

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	50%			2039	* *	1	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : 3 Units								
Hot Water Boiler	50%			2051	* *	1	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : One Unit								
Distribution								
Hot Wtr Piping/Pump	50%			2042	* *	4	$200	
No Component	50%							
Terminal Devices								
Convector/Radiator	50%			2039	* *	1	$1,200	
No Component	50%							
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	30%			2039	* *			
Other Observation, Extent : Light, Area Affected : 30%								
Location : Condenser At Backyard								
Explanation : Locker Room And Kitchen								
Window/Wall Unit	30%			2029	$8,500	1		
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$17,100	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Locker Room								
Explanation : Gasoline Fired Domestic Hot Water Heater 73 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 26 MORRISANIA STATION
Asset # : 13991

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		
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **07-Feb-2025**	**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 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$30,700		$9,100	
Interior Architecture	$62,200		$900	$900
Electrical	$2,500	$2,000	$2,200	$4,400
Mechanical	$7,900	$800	$2,100	$700
Total	**$103,400**	**$2,700**	**$14,300**	**$6,000**
Importance Code A	$31,100	$200	$9,400	$200
Importance Code B	$60,000	$2,500	$4,800	$5,300
Importance Code C	$12,300			$500
Total	**$103,400**	**$2,700**	**$14,300**	**$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
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 Cavity	65%	Now	$27,500	LIFE	* *	5	$15,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Foundation Wall At 234th Street Side								
Metal Panel	10%			2056	* *	5-10	$16,700	
Metal Sect. OHD	20%			2049	* *	5	$15,200	
Metal Coiling Doors	5%	4+	$2,600	2049	* *	5	$1,900	
Misaligned/Bulging, Extent : Light, Area Affected : 2%								
Location : Reported Coiling Door At Apparatus Entry								
Windows								
Aluminum	99%			2052	* *	5	$1,200	
Metal Louvers	1%			2045	* *	10	$100	
Parapets								
Metal Panel	100%			2056	* *	5	$6,700	
Roof								
IRMA/Protected Membrane	40%			2041	* *	10	$3,200	
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Roof								
Explanation : Irma Roof With Stone Pavers As Walking Area								
Metal Panel	10%			2049	* *	10	$1,500	
Single Ply Membrane	50%			2041	* *	10	$4,100	
Interior								
Floors								
Cast in Place Concrete	45%	4+	$13,800	LIFE	* *	5	$17,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Base Of Metal Coil Door								
Ceramic Tile	5%			2045	* *	5	$900	
Sheet Vinyl/Rubber	10%			2041	* *	5	$2,700	
Vinyl Tile	40%			2041	* *	3	$2,700	
Worn/Erode, Extent : Light, Area Affected : 100%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2045	* *	5	$900	
Concrete Masonry Unit	40%			LIFE	* *	5	$6,000	
Glazed Ceramic Panel	30%			LIFE	* *	10	$5,100	
Gypsum Board	17%			LIFE	* *	5-10	$5,400	
Metal Panel	8%			LIFE	* *	10	$700	
Ceilings								
Exposed Struc: Steel	85%			LIFE	* *	10	$30,600	
Gypsum Board	13%			LIFE	* *	5-10	$8,000	
Metal Panel	2%			LIFE	* *	5	$900	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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

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%			2049	* *			

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%			2056	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2056	* *	5	$300	
Raceway								
Conduit	100%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2052	* *	5		
Molded Case Bkrs	90%			2052	* *	5	$300	
Wiring								
Thermoplastic	100%			2056	* *	1		
Motor Controllers								
Locally Mounted	50%			2049	* *	5		
Variable Frequency Drive	50%			2049	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2049	* *	1	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Automatic Transfer Switches								
Generators								
Diesel	100%			2045	* *	1	$4,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 83 Kilowatts								
Batteries								
Lead/Acid	100%			2030	$2,500	5	$400	
Fuel Storage								
Main Tank	100%			2064	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2500 Gallons Rated Capacity								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Lighting								
Interior Lighting								
Fluorescent	90%			2041	* *	10	$9,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2044	* *			
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$7,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors , Alarm Bells, 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								
Electricity	10%			2056	* *	1		
Natural Gas	90%			2056	* *	1		
Conversion Equipment								
Hot Water Boiler	40%			2049	* *	1	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement. Boiler Room								
Explanation : One Unit								
Radiant Heater	10%			2041	* *	2	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room, Staircases								
Explanation : Fan Coil Unit And Electric Baseboard Heaters								
No Component	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Roof								
Explanation : Reported Under 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
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								
Distribution								
Hot Wtr Piping/Pump	40%			2052	* *	4	$400	
No Component	60%							
Terminal Devices								
Convector/Radiator	15%			2049	* *	1	$600	
Fan Coil Unit/Heat	15%			2041	* *	1	$600	
Unit Heater - Hot Water	10%			2041	* *			
No Component	60%							
Controls								
Electrical	100%			2034	$33,400			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2041	* *	2	$400	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Three Units								
Split Unit	10%			2041	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Basement. Telecom Room								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$10,600	
Exhaust Fans								
Interior	60%			2041	* *	2	$200	
Roof	40%			2041	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement. Boiler Room								
Explanation : One Unit, 75mbh 74 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2041	* *	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.*

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
Fire Suppression								
Sprinkler								
Generic	100%	Now	$3,300	2056	* *	1-2	$2,900	
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Basement. Boiler 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	:	**EMS STATION 31 CUMBERLAND STATION**			
Address	:	**39 AUBURN PLACE @ N PORTLAND AVE @ CUMBERLAND HOSPITAL**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**N/A**
Program / Asset #	:	**FIRSEMS.031 / 13994**	**Yr Built/Renovated**	:	
Area Sq Ft	:	**3,200**	**Project Type**	:	**FIRE DEPARTMENT**
Date of Survey	:	**09-Sep-2022**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1**			
Block	:	**2039** **Lot** : **101**	**BIN**	:	**3251647**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$77,200
Interior Architecture		$108,400
Total		**$185,600**
Importance Code A		$77,200
Importance Code B		$108,400
Total		**$185,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$10,200		$1,700	$400
Interior Architecture	$34,400	$200		$500
Electrical	$200	$100	$9,300	$100
Mechanical	$3,000	$400	$25,300	$500
Site Pavements	$48,600			
Total	**$96,400**	**$700**	**$36,400**	**$1,500**
Importance Code A	$10,200		$1,700	$400
Importance Code B	$36,500	$700	$34,700	$1,100
Importance Code C	$49,700			
Total	**$96,400**	**$700**	**$36,400**	**$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
EMS STATION 31 CUMBERLAND STATION
Asset # : 13994

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	$9,800	
Metal Coiling Doors	40%			2047	* *	5	$20,500	
Windows								
Aluminum	100%			2050	* *	5	$800	
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$900	
Metal Panel	50%			2044	* *	5	$3,500	
Roof								
Built-Up (BUR)	100%			2034	$77,200	10	$6,600	
Interior								
Floors								
Cast in Place Concrete	30%	Now	$3,100	LIFE	* *	5	$4,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Garage Area								
Ceramic Tile	5%			2043	* *	5	$300	
Vinyl Tile	65%	Now	$21,700	2034	$108,400	3	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$1,100	2043	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Shower Stalls								
Concrete Masonry Unit	5%			LIFE	* *	5	$200	
Gypsum Board	75%			LIFE	* *	5	$3,700	
Masonry: Brick	5%			LIFE	* *			
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	85%	Now	$8,500	2039	* *	5	$2,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Exposed Struc: Concrete	10%			LIFE	* *	5	$100	
Exposed Struc: Steel	5%			LIFE	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$3,600	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%	Now	$45,000	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : At Vehicle Entry And Adjacent Parking 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
EMS STATION 31 CUMBERLAND STATION
Asset # : 13994

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	100%		2042	* *	5	$100	
	Other Observation, Extent : Light, Area Affected : 100%						
	Location : In Hallway						
	Explanation : Breaker Panel In Use						
Wiring							
Thermoplastic	100%		2044	* *	1		
Motor Controllers							
Locally Mounted	100%		2032	$18,200	5		
Lighting							
Interior Lighting							
Fluorescent	20%		2029	$5,600	10	$600	
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 75%						
	Location : Throughout						
LED	80%		2042	* *			
Egress Lighting							
Emergency, Battery	50%		2029	$2,700	10	$400	
Exit, Battery	50%		2034	$2,300	10	$100	
Exterior Lighting							
LED	20%		2034	$3,400			
No Component	80%						
Alarm							
Security System							
Generic	100%		2042	* *	1	$1,200	
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location : Exterior And Interior						
	Explanation : Cameras Security 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							
Not Accessible	100%						
	Other Observation, Extent : Light, Area Affected : 0%						
	Location : Throughout						
	Explanation : Utilities Provided From Main Hospital Building						
Conversion Equipment							
Not Accessible	100%						
	Other Observation, Extent : Light, Area Affected : 0%						
	Location : Throughout						
	Explanation : Provided From Main Hospital 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

EMS STATION 31 CUMBERLAND STATION

Asset # : 13994

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								
Ductwork/Diffusers	50%	4+	$1,900	LIFE	* *	2-5	$900	
Damaged, Extent : Moderate, Area Affected : 100%								
Location : Diffusers In Locker Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Office And Break Area And Lockers								
Explanation : Area Served By Heating / Cooling Ducts And Diffusers								
Hot Wtr Piping/Pump	50%			2050	* *	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Garage								
Explanation : Hot Water System Serves Garage Unit Heaters								
Terminal Devices								
Fan Coil Unit/Heat	40%			2039	* *	1	$400	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Garage								
Explanation : 2 Electric Units								
No Component	60%							
Air Conditioning								
Energy Source								
Not Accessible	100%							
Conversion Equipment								
Split Unit	50%			2034	$38,000			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Storage Room								
Explanation : 2 Units.								
Window/Wall Unit	50%			2029	$6,100	1		
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2	$2,100	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$1,800	
Exhaust Fans								
Not Accessible	100%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Electric	50%			2029	$11,800	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Garage								
Explanation : One 50 Gallon Unit Serves Garage Utility Sink								
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Locker Areas								
Explanation : Hot Water Provided From Main Hospital Building								

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
EMS STATION 31 CUMBERLAND STATION
Asset # : 13994

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	$800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Hallway								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2034	$600	4	$100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2054	* *	1-2	$900	
Fire Pump								
Not Accessible	100%							
Chemical System								
No Component	90%							
Generic	10%			2029	$5,800	1-10	$2,900	
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.
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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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS STATION 32 EMS - BROOKLYN HEIGHTS/RED HOOK**		
Address	: **347 BOND STREET @ CARROLL ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSEMS.032 / 13875**	**Yr Built/Renovated**	:
Area Sq Ft	: **8,194**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **05-Oct-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **452** **Lot** : **5**	**BIN**	: **3007662**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$369,200	$225,200
Mechanical		$312,500
Site Pavements	$74,800	
Total	**$444,000**	**$537,700**
Importance Code A	$369,200	$312,300
Importance Code B		$225,500
Importance Code C	$74,800	
Total	**$444,000**	**$537,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$38,700			$800
Interior Architecture	$4,600	$1,000		$400
Electrical	$11,500	$3,900	$9,100	$1,600
Mechanical	$13,100	$700	$40,200	$700
Site Enclosure	$2,800			
Total	**$70,600**	**$5,600**	**$49,200**	**$3,500**
Importance Code A	$39,100	$400	$400	$1,200
Importance Code B	$28,700	$4,600	$48,800	$2,300
Importance Code C	$2,800	$700		
Total	**$70,600**	**$5,600**	**$49,200**	**$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

EMS STATION 32 EMS - BROOKLYN HEIGHTS/RED HOOK

Asset # : 13875

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%	Now	$287,400	LIFE	* *	5	$8,700	
Efflorescence, Extent : Severe, Area Affected : 40%								
Location : Various Locations								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 50%								
Location : Various Locations Throughout								
Metal Panel	30%	0-2	$5,300	2054	* *	5	$7,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Front And Rear Facades								
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Front Facade								
Slate Panels	5%	Now	$10,400	LIFE	* *	5	$500	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Side Facade								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Side Facade								
Windows								
Aluminum	100%			2050	* *	5	$1,500	
Parapets								
Masonry: Brick	80%	Now	$81,900	LIFE	* *	5	$3,200	
Diagonal Cracks, Extent : Moderate, Area Affected : 30%								
Location : Interior Face								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Interior Face								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : East Facade								
Masonry: Limestone	20%			LIFE	* *	5	$1,000	
Roof								
Modified Bitumen	100%	Now	$22,500	2034	$225,200			
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : At Concrete Blocks Steps								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Over Mens Locker Room And Conference Room								
Soffits								
Metal Panel	100%	4+	$400	2054	* *	5	$1,300	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Main Entrance								
Interior								

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

FIRE DEPARTMENT - 057

EMS STATION 32 EMS - BROOKLYN HEIGHTS/RED HOOK

Asset # : 13875

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	70%			LIFE	* *	5	$18,800	
Ceramic Tile	5%			2043	* *	5	$600	
Vinyl Tile	25%	4+	$1,700	2039	* *	3	$1,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2043	* *	5	$1,300	
Concrete Masonry Unit	30%			LIFE	* *	5	$3,100	
Gypsum Board	65%			LIFE	* *	5	$10,200	
Vertical Cracks, Extent : Light, Area Affected : 15%								
Location : At Hallway								
Ceilings								
AcousTileSusp.Lay-In	30%			2047	* *	5	$3,700	
Exposed Struc: Steel	60%			LIFE	* *			
Gypsum Board	10%	Now	$1,100	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Mens Locker And Conference Room								
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Mens Locker And Conference Room								
Site Enclosure								
Fence/Gates								
Chain Link	53%	Now	$800	2054	* *			
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Along East Property Line								
Iron Picket	47%	Now	$2,000	2069	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Gate Along Carroll Street								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Along Carroll Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Asphalt	95%	Now	$74,800	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Parking Lot								
Ponding, Extent : Moderate, Area Affected : 30%								
Location : Parking Lot								
Potholes, Extent : Severe, Area Affected : 30%								
Location : Parking Lot								
Cast in Place Concrete	5%			2047	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 32 EMS - BROOKLYN HEIGHTS/RED HOOK

Asset # : 13875

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		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2054	* *	1		
Panelboards								
Molded Case Bkrs	100%			2050	* *	5	$200	
Wiring								
Thermoplastic	100%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2047	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Ground Observed								
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$2,500	
Generators								
Diesel	100%			2043	* *	1	$3,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Enclosure. Outside								
Explanation : One 180 Kilowatt Capacity								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$300	
Fuel Storage								
Day Tank	50%			2050	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Enclosure. Outside								
Explanation : One 150 Gallon								
Main Tank	50%			2062	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Underground								
Explanation : One 2,500 Gallon								
Lighting								
Interior Lighting								
Fluorescent	100%			2039	* *	10	$7,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Service	40%			2039	* *	1		
Emergency, Battery	10%			2039	* *	10	$200	
Exit, LED	50%			2062	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 32 EMS - BROOKLYN HEIGHTS/RED HOOK

Asset # : 13875

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	2%			2039	* *	10		
LED	8%			2042	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2034	$15,400	1	$3,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Cameras								
Fire/Smoke Detection								
Generic, Digital	100%	Now	$10,600	2034	$21,100	1-3	$4,600	
Not in Service, Extent : Moderate, 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%			2054	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2032	$87,100	1	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2033	$17,900	4	$400	
Terminal Devices								
Convector/Radiator	50%			2032	$33,500	1	$1,300	
Fan Coil Unit/Heat	50%			2034	$101,600	1	$1,300	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%	4+	$12,400	2034	$123,900	2	$400	
Malfunctioning, Extent : Severe, Area Affected : 20%								
Location : Units Are Running But Not Sufficiently Cooling The Building								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units On The Roof								
Split Unit	10%			2029	$19,500			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$10,700	
Ventilation								

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

FIRE DEPARTMENT - 057

EMS STATION 32 EMS - BROOKLYN HEIGHTS/RED HOOK

Asset # : 13875

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%			2034	$15,900	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hot Water Heater Room								
Explanation : One 70 Gallon Unit								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS STATION 35**		
Address	: **332 METROPOLITAN AVE @ ROEBLING ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSEMS.035 / 14770**	**Yr Built/Renovated**	: **2013 /**
Area Sq Ft	: **10,601**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **30-Aug-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2368** **Lot** : **12**	**BIN**	: **3391565**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$58,000
Interior Architecture		$140,300
Mechanical		$601,400
Total		**$799,700**
Importance Code A		$58,000
Importance Code B		$741,700
Total		**$799,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$9,900		$23,800	$100
Interior Architecture	$5,000	$1,300		
Electrical	$1,900	$1,700	$14,300	$2,000
Mechanical	$4,500	$1,500	$2,100	$1,800
Total	**$21,400**	**$4,500**	**$40,200**	**$3,800**
Importance Code A	$10,400	$500	$24,300	$600
Importance Code B	$9,100	$3,600	$15,900	$3,200
Importance Code C	$1,800	$400		
Total	**$21,400**	**$4,500**	**$40,200**	**$3,800**

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

FIRE DEPARTMENT - 057
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	$1,800	
Metal/Glass Curt Wall	32%			LIFE	* *	5	$14,500	
Metal Panel	48%			2054	* *	5-10	$79,800	
Metal Sect. OHD	8%	0-2	$3,500	2047	* *	5	$3,000	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Garage Door								
Windows								
Aluminum	15%			2050	* *	5	$200	
No Component	85%							
Parapets								
Concrete Masonry Unit	45%			LIFE	* *	5	$1,300	
Metal/Glass Curt Wall	15%			2054	* *	5	$1,500	
Metal Panel	25%			2054	* *	5	$2,600	
Metal: Cage/Fence	15%			2047	* *	5-10	$3,100	
Roof								
IRMA/Protected Membrane	60%	Now	$4,600	2039	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Mens Room And Captains Office								
Plaza Roof: Stone Panels	15%			2054	* *			
Skylight, Metal/Glass	12%			2054	* *	10	$6,400	
Sloped Glazing	13%			LIFE	* *	5	$27,900	
Soffits								
Metal Panel	100%			2054	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	* *	5	$22,600	
Ceramic Tile	3%			2043	* *	5	$500	
Vinyl Tile	32%			2034	$140,300	3	$1,900	
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *			
Ceramic Tile	2%			2043	* *	5	$900	
Concrete Masonry Unit	55%			LIFE	* *	5	$9,600	
Glass: Single Pane	10%			LIFE	* *	5	$3,300	
Gypsum Board	15%	Now	$1,800	LIFE	* *	5	$3,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Stair								
Metal Panel	3%			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 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
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%	Now	$3,200	2047	* *	5	$1,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Mens Room And Captains Office								
Exposed Struc: Concrete	20%			LIFE	* *	5	$500	
Fiber Board	20%			2039	* *			
Gypsum Board	10%			LIFE	* *	5	$1,900	
Metal Panel	25%			LIFE	* *	5	$4,800	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			

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%			2060	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2060	* *	5		
Raceway								
Conduit	100%			2060	* *	1		
Panelboards								
Fused Disc Sw	5%			2056	* *	5		
Molded Case Bkrs	95%			2056	* *	5	$300	
Wiring								
Thermoplastic	100%			2060	* *	1		
Motor Controllers								
Locally Mounted	100%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Hallway								
Explanation : Motor Controllers Connected To Energy Management Control Corporation. Under Building Management System								
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
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
Stand-by Power								
Transfer Switches								
Automatic	100%			2051	* *	1	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : New Generator Installed In 2018.								
Generators								
Diesel	100%			2047	* *	1	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 100 Kilovolt Ampere, 80 Kilowatt Generator								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$400	
Fuel Storage								
Day Tank	25%			2056	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : New 25 Gallon Tank.								
Main Tank	75%			2069	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Oil Tank Room								
Explanation : 2,500 Gallon Tank Located In The Basement								
Lighting								
Interior Lighting								
Fluorescent	88%			2039	* *	10	$8,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2042	* *	10	$1,000	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2042	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$1,300	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
Fluorescent	6%			2039	* *	10	$100	
HID	14%			2039	* *	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2042	* *	1	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Cameras Security System								
Fire/Smoke Detection								
Generic, Digital	100%			2042	* *	1-3	$6,700	

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 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
Heating								
Energy Source								
Natural Gas	100%			2054	* *	1		
Conversion Equipment								
Furnace	30%			2034	$9,900	1	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Rooftop Package Units								
Hot Water Boiler	70%			2047	* *	1	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2050	* *	4	$500	
Terminal Devices								
Air Handler	60%			2034	$119,700	1	$3,900	
Fan Coil Unit/Heat	20%			2034	$52,600	1	$700	
Unit Heater - Hot Water	20%			2034	$12,600			
Controls								
Digital	20%	0-2	$3,000	2032	$60,900			
Software Issue Suspected, Extent : Moderate, Area Affected : 100%								
Location : Building Management System								
Digital	80%			2032	$243,600			
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	70%			2034	$124,700	2	$500	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units, Roof								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,900	
Exhaust Fans								
Interior	10%			2034	$4,700	2		
Roof	90%			2039	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 125 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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

FIRE DEPARTMENT - 057
EMS STATION 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								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2039	* *	4	$600	
Backflow Preventer								
Generic	100%			2039	* *	1	$700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	10%							
Generic	90%			2054	* *	1-2	$2,700	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS STATION 38 WINGATE STATION**		
Address	: **554 WINTHROP STREET @ KINGS COUNTY HOSPITAL**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSEMS.038 / 13720**	**Yr Built/Renovated**	: **2005 /**
Area Sq Ft	: **5,975**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **17-Nov-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **4829** **Lot** : **1**	**BIN**	: **3327722**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$183,300
Mechanical		$93,300
Total		**$276,600**
Importance Code A		$276,600
Total		**$276,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$58,700		$1,500	$300
Interior Architecture	$1,500	$500		$300
Electrical	$1,100	$3,500	$7,200	$1,200
Mechanical	$4,000	$500	$17,500	$500
Site Enclosure	$9,500			
Site Pavements	$3,100			
Total	**$77,800**	**$4,500**	**$26,200**	**$2,200**
Importance Code A	$58,800	$500	$1,700	$700
Importance Code B	$9,500	$3,800	$24,500	$1,500
Importance Code C	$9,500	$300		
Total	**$77,800**	**$4,500**	**$26,200**	**$2,200**

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

FIRE DEPARTMENT - 057
EMS STATION 38 WINGATE STATION
Asset # : 13720

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	25%	Now	$15,800	LIFE	* *	5	$31,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Along Winthrop Street								
Masonry: Brick	50%			LIFE	* *	5	$8,000	
Metal Panel	5%			2054	* *	5-10	$5,500	
Metal Sect. OHD	20%			2047	* *	5	$10,000	
Windows								
Aluminum	100%			2050	* *	5	$600	
Parapets								
Cast Stone/Terra Cotta	20%	0-2	$1,200	LIFE	* *	5	$2,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Coping Stone Throughout								
Masonry: Brick	80%			LIFE	* *	5	$1,300	
Roof								
Modified Bitumen	100%	0-2	$36,700	2034	$183,300			
Blisters, Extent : Light, Area Affected : 25%								
Location : Upper Roof								
Soffits								
Metal Panel	100%			2054	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	70%			LIFE	* *	5	$13,700	
Ceramic Tile	5%			2043	* *	5	$400	
Vinyl Tile	25%			2039	* *	3	$1,100	
Interior Walls								
Ceramic Tile	5%			2043	* *	5	$500	
Concrete Masonry Unit	50%			LIFE	* *	5	$2,100	
Gypsum Board	40%			LIFE	* *	5	$2,600	
Masonry: Brick	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	40%	Now	$1,200	2047	* *	5	$1,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	60%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$9,500	2069	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gate Not Functioning Along West Side								
Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Along West Side								
Retaining Walls								
Cast in Place Concrete	100%			2069	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 38 WINGATE STATION
Asset # : 13720

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%	2-4	$3,100	2047	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Along Winthrop Street								
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Asphalt	100%			2043	* *			

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%			2054	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2054	* *	5	$200	
Raceway								
Conduit	100%			2054	* *	1		
Panelboards								
Molded Case Bkrs	100%			2050	* *	5	$200	
Wiring								
Thermoplastic	100%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2047	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$1,800	
Generators								
Diesel	100%			2043	* *	1	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : Emergency Generator Rated At 60 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2062	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : 150 Gallons Rated Capacity								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 38 WINGATE STATION
Asset # : 13720

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	98%			2039	* *	10	$5,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2042	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$700	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	30%			2039	* *	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2042	* *	1	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2039	* *	1-3	$3,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, 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	100%			2054	* *	1		
Conversion Equipment								
Furnace	40%			2039	* *	1	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : One Gasoline Fired Packaged Rooftop Unit								
Radiant Heater	60%			2034	$93,300	2	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Apparatus Floor Ceiling								
Explanation : Four Gasoline Fired Modine Heaters								
Controls								
Electrical	100%			2032	$33,200			
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		

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

FIRE DEPARTMENT - 057
EMS STATION 38 WINGATE STATION
Asset # : 13720

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%			2039	* *	2	$100	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Rooftop Package Unit, Roof								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$1,700	
No Component	50%							
Exhaust Fans								
Roof	50%			2039	* *	2	$100	
Wall Unit	50%			2034	$1,300	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Utility Closet								
Explanation : One 80 Gallon Unit								
Sanitary Piping								
Cast Iron	100%	Now	$3,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 50%								
Location : Apparatus Floor And Bathrooms. The Blockage Is Serious, It Needs To Be Fixed Soon.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2034	$2,700	1	$400	
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **15-May-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3738** **Lot** : **7**	**BIN**	: **3048341**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical		$318,500
Total		**$318,500**
Importance Code B		$318,500
Total		**$318,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$17,000		$5,100	
Interior Architecture	$58,400		$3,700	$1,000
Electrical	$1,400	$1,100	$1,100	$3,500
Mechanical	$8,500	$700	$5,000	$700
Total	**$85,300**	**$1,700**	**$14,900**	**$5,200**
Importance Code A	$17,400	$200	$5,500	$200
Importance Code B	$52,400	$1,500	$9,400	$4,400
Importance Code C	$15,500			$600
Total	**$85,300**	**$1,700**	**$14,900**	**$5,200**

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

FIRE DEPARTMENT - 057
EMS 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								
Exposed Struc: Steel	5%	Now	$1,500	LIFE	* *	5	$2,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Front Window Sill								
Masonry: Brick	50%			LIFE	* *	5	$17,600	
Metal Panel	10%			2056	* *	5-10	$12,100	
Metal Sect. OHD	10%			2049	* *	5	$5,500	
Window Wall	25%			2056	* *	5	$16,500	
Windows								
Aluminum	100%			2052	* *	5	$4,300	
Parapets								
Concrete Masonry Unit	50%			LIFE	* *	5-10	$5,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parapet Interior								
Explanation : Roof Material Up Sides Of Parapet Interior								
Metal Panel	25%			2056	* *	5	$2,000	
Metal: Cage/Fence	25%			2049	* *	5-10	$4,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Parapet								
Explanation : Chainlink Fence Installed								
Roof								
Built-Up (BUR)	45%			2041	* *	10	$10,200	
Green, Roof Inaccessible	45%			LIFE	* *			
Extensive: Non-tray Type, Extent : Light, Area Affected : 100%								
Location : Roof								
Skylight, Plastic	10%			2049	* *	1		
Interior								
Floors								
Cast in Place Concrete	80%	Now	$23,700	LIFE	* *	5	$30,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Apparatus Floor								
Ceramic Tile	5%			2045	* *	5	$900	
Quarry Tile	5%			2049	* *	5	$1,300	
Not Accessible	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Crawlspace								
Explanation : Inaccessible								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Interior								
Interior Walls								
Ceramic Tile	5%			2045	* *	5	$1,200	
Concrete Masonry Unit	15%			LIFE	* *	5	$2,800	
Gypsum Board	50%			LIFE	* *	5-10	$19,700	
Masonry: Brick	20%			LIFE	* *	10	$1,400	
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Walls								
Not Accessible	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Crawlspace								
Explanation : Inaccessible								
Ceilings								
AcousTileSusp.Lay-In	35%			2049	* *	5	$6,100	
Exposed Struc: Steel	55%			LIFE	* *	10	$19,200	
Not Accessible	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Crawlspace								
Explanation : Inaccessible								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2049	* *			

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%			2056	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2056	* *	5	$300	
Raceway								
Conduit	100%			2056	* *	1		
Panelboards								
Molded Case Bkrs	100%			2052	* *	5	$300	
Wiring								
Thermoplastic	100%			2056	* *	1		
Motor Controllers								
Variable Frequency Drive	100%			2049	* *			
Ground								

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 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
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2049	* *	1	$3,100	
Generators								
Diesel	100%			2045	* *	1	$3,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Garage								
Explanation : Emergency Generator Rated At 81 Kilovolt Amperes.								
Batteries								
Lead/Acid	100%			2030	$2,500	5	$400	
Fuel Storage								
Main Tank	100%			2064	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Garage								
Explanation : 60 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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	25%			2056	* *	1		
Natural Gas	50%			2056	* *	1		
Solar Panels	25%			2056	* *	2	$200	

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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								
Conversion Equipment								
Heat Pump Air Sourced	25%			2037	* *	2	$800	
Hot Water Boiler	50%			2049	* *	1	$2,500	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Basement							
	Explanation : Entrance Via Street Side Walk							
No Component	25%							
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$5,300	
No Component	40%							
Terminal Devices								
Air Handler	50%			2041	* *	1	$3,100	
Convector/Radiator	10%			2049	* *	1	$300	
No Component	40%							
Controls								
Electrical	100%			2034	$41,700			
Air Conditioning								
Energy Source								
Electricity	75%			2044	* *	1		
Solar Panels	25%			2056	* *			
Conversion Equipment								
Heat Pump Air Sourced	100%			2037	* *	2	$600	
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2	$9,800	
No Component	40%							
Terminal Devices								
Air Handler/Dir Expansion	75%			2041	* *	1		
No Component	25%							
Heat Rejection								
Dry Cooler	75%			2041	* *	2	$5,200	
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$7,100	
No Component	20%							
Exhaust Fans								
Roof	20%			2041	* *	2	$100	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2034	$17,100	2		
Solar	50%			2034	$318,500	1		
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 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
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Not Accessible	100%							
Backflow Preventer								
Generic	100%			2041	* *	1	$600	
Fixtures								
Generic	100%							

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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **27-Mar-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,Mez**		
Block	: **241** **Lot** : **13**	**BIN**	: **1811158**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$108,300	$108,300
Electrical		$51,700
Mechanical	$111,400	$223,800
Site Pavements	$87,400	
Total	**$307,100**	**$383,700**
Importance Code A	$108,300	$108,300
Importance Code B	$111,400	$275,500
Importance Code C	$87,400	
Total	**$307,100**	**$383,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$88,200		$900	
Interior Architecture	$50,500		$10,900	
Electrical	$4,300	$3,300	$6,000	$3,700
Mechanical	$32,500	$5,600	$6,200	$5,200
Site Pavements	$6,600			
Total	**$182,200**	**$8,900**	**$24,000**	**$8,900**
Importance Code A	$89,200	$1,000	$1,900	$1,000
Importance Code B	$73,700	$7,900	$22,100	$8,000
Importance Code C	$19,300			
Total	**$182,200**	**$8,900**	**$24,000**	**$8,900**

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

FIRE DEPARTMENT - 057
EMS STATION 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	$700	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : West Side At Roof Level								
Masonry: Brick Cavity	73%	0-2	$36,100	LIFE	* *	5	$8,300	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : North Facade								
Metal Panel	2%	Now	$300	2056	* *	5	$400	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : North Side								
Explanation : Damaged Metal Panels								
Metal Coiling Doors	5%			2049	* *	5	$1,800	
Pre-cast Concrete	15%			LIFE	* *	5	$11,100	
Corrosion/Rusting, Extent : Severe, Area Affected : 5%								
Location : Window Shelf Angles 1st Floor Facade								
Windows								
Aluminum	100%	Now	$45,600	2052	* *	5	$1,200	
Air Infiltration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glazing Clouded, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Erode, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Parapets								
Cast in Place Concrete	100%			LIFE	* *	5	$216,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Explanation : Covered With Netting								
Roof								
Modified Bitumen	100%			2044	* *	10	$29,300	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Base Of Parapet Wall								
Explanation : Existing Old Copper Base Flashing Remains								
Interior								
Floors								
Cast in Place Concrete	45%	Now	$22,800	LIFE	* *	5	$29,300	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Mezzanine Level								
Ceramic Tile	2%	Now	$700	2045	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Shower								
Vinyl Tile	53%			2041	* *	3	$5,900	

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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
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								
Interior Walls								
Ceramic Tile	2%	Now	$700	2045	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Shower								
Concrete Masonry Unit	86%			LIFE	* *	5	$21,000	
Gypsum Board	5%	4+	$400	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor Janitors Closet								
Masonry: Brick	2%			LIFE	* *	10	$200	
Plaster	5%			LIFE	* *	5-10	$1,300	
Ceilings								
AcousTileSusp.Lay-In	60%			2049	* *	5	$17,900	
Exposed Struc: Concrete	35%			LIFE	* *	5-10	$13,000	
Exposed Struc: Steel	5%			LIFE	* *	10	$3,000	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2046	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2041	* *			
Parking/Driveway								
Asphalt	90%	Now	$87,400	2039	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	10%	Now	$6,600	2049	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Rear Of Building Driveway								

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 : N/A, Area Affected : 100%								
Location : Electrical Room. Upstairs								
Explanation : One 3,000 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2041	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 1,000 Kilovolt Ampere, 480/277 Primary Voltage - 208/120 Low Voltage								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$100	

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

FIRE DEPARTMENT - 057
EMS STATION 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
Under 600 Volts								
Raceway								
Conduit	80%			2046	* *	1		
Conduit	20%			2036	$7,400	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	75%			2044	* *	5	$400	
Molded Case Bkrs	20%			2035	$9,900	5	$100	
Wiring								
Thermoplastic	20%			2036	$6,700	1		
Thermoplastic	80%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$6,200	
Generators								
Diesel	100%			2039	* *	1	$7,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : One 80 Kilovolt Ampere								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$700	
Fuel Storage								
Day Tank	100%			2044	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Belly Tank. Outside								
Explanation : One 60 Gallons								
Lighting								
Interior Lighting								
LED	100%			2044	* *			
Egress Lighting								
Emergency, Service	40%			2036	$4,900	1		
Emergency, Battery	10%			2036	$3,400	10	$500	
Exit, Service	50%			2036	$4,300	1		
Exterior Lighting								
HID	20%			2036	$18,700	10		
No Component	80%							
Alarm								

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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

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								
Generic	50%			2036	$18,800	1	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2031	$18,800	1	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2036	$51,700	1-3	$12,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bell, Horns, Smoke Detector, Pull Box And Fire Alarm Panel								

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	100%			2041	* *	1	$9,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior - Boiler Room								
Explanation : One Unit								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$4,400	2035	$43,800	4	$1,000	
Insul. Deteriorating, Extent : Light, Area Affected : 100%								
Location : Throughout								
Terminal Devices								
Convector/Radiator	60%			2034	$98,300	1	$3,900	
Fan Coil Unit/Heat	10%			2031	$49,700	1	$700	
Unit Heater - Hot Water	30%	Now	$1,800	2036	$35,600			
Broken, Extent : Moderate, Area Affected : 20%								
Location : Lobby								
Controls								
Electrical	100%			2029	$111,400			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		

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

FIRE DEPARTMENT - 057
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
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2036	$67,300	2	$200	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	60%	Now	$900	2031	$45,600	1		
Broken, Extent : Moderate, Area Affected : 5%								
Location : Lieutenant Office								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$10,600	
No Component	40%							
Exhaust Fans								
Interior	30%			2036	$26,700	2	$200	
Roof	60%			2036	$23,300	2	$400	
Wall Unit	10%			2036	$900	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior - Boiler Room								
Explanation : One Unit, 75mbh 74 Gallon								
Sanitary Piping								
Cast Iron	100%	0-2	$12,600	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 20%								
Location : 1st Floor								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2029	$600	4	$600	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$10,100	
Sprinkler								
Generic	100%			2046	* *	1-2	$5,600	
Chemical System								
Dry	100%			2031	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : One 15 Square Foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS STATION 43 GRAVESEND STATION**		
Address	: **CONEY ISLAND HOSPITAL 2601 OCEAN PARKWAY**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSEMS.043 / 14009**	**Yr Built/Renovated**	: **1954 / 2013**
Area Sq Ft	: **4,136**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **05-Apr-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **7239** **Lot** : **1**	**BIN**	: **3337274**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$146,900	
Total	**$146,900**	
Importance Code A	$146,900	
Total	**$146,900**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$72,400			$1,400
Interior Architecture	$15,300	$100	$700	
Electrical	$400	$400	$500	$400
Mechanical	$4,700	$200	$500	$23,200
Site Pavements	$10,900			
Total	**$103,700**	**$600**	**$1,700**	**$25,000**
Importance Code A	$72,400			$1,400
Importance Code B	$16,400	$600	$1,100	$23,600
Importance Code C	$14,900		$500	
Total	**$103,700**	**$600**	**$1,700**	**$25,000**

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

FIRE DEPARTMENT - 057
EMS STATION 43 GRAVESEND STATION
Asset # : 14009

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	$146,900	LIFE	* *	5	$17,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Horizontal Cracks, Extent : Severe, Area Affected : 10%								
Location : Main Entrance								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
Location : Over Main Entrance								
Spalling, Extent : Severe, Area Affected : 5%								
Location : East Facade And Entry								
Metal Coiling Doors	15%	0-2	$17,900	2040	* *	5	$5,200	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Far Left Overhead Door								
Stucco Cement	5%			2040	* *	5	$2,800	
Windows								
Aluminum	100%	Now	$40,200	2060	* *	5	$400	
Air Infiltration, Extent : Light, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Clerestory Window								
Explanation : Clerestroy Window Hidden By Acoustical Ceiling								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$1,400	
Masonry: Brick	90%	Now	$10,300	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Built-Up (BUR)	60%	Now	$4,000	2035	$39,800			
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : East Corner Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Lieutenant Office, Corridor, Male Locker And Storage Room								
Roll Roofing	40%			2031	$14,800	5	$3,800	
Interior								
Floors								
Cast in Place Concrete	85%	Now	$8,800	LIFE	* *	5	$11,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2044	* *	5	$300	
Vinyl Tile	10%			2040	* *	3	$200	

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

FIRE DEPARTMENT - 057
EMS STATION 43 GRAVESEND STATION
Asset # : 14009

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%			2044	* *	5	$1,100	
Concrete Masonry Unit	15%			LIFE	* *	5	$600	
Fiberglass Panel	10%			LIFE	* *			
Gypsum Board	50%			LIFE	* *	5	$3,200	
Masonry: Brick	10%	2-4	$4,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Garage								
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Lobby								
Metal Panel	5%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Corridors, And Heavy Traffic Areas								
Explanation : Diamond Plate Wall Covering								
Ceilings								
AcousTileSusp.Lay-In	50%	Now	$2,500	2048	* *	5	$1,500	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	45%			LIFE	* *	5	$400	
Plaster	5%			LIFE	* *	5	$200	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	100%			2070	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			
Parking/Driveway								
Asphalt	80%	Now	$10,900	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : East Side								
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Parking Lot								
Cast in Place Concrete	20%			2048	* *			

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%			2045	* *	1		

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

FIRE DEPARTMENT - 057
EMS STATION 43 GRAVESEND STATION
Asset # : 14009

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								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	95%			2051	* *	5	$100	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5		
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Egress Lighting								
Emergency, Battery	50%			2043	* *	10	$500	
Exit, LED	50%			2070	* *	1		
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor								
Explanation : CCTV System Connected To The Hospital								
Fire/Smoke Detection								
Generic, Digital	100%			2035	$10,700	1-3	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : All Devices Connected To The Main Fire Alarm Panel At The Hospital.								

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								
Plant Campus Steam / PRV	100%			2045	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Power Plant								
Explanation : Steam Provided From Adjacent Hospital Power Plant Building								
Distribution								
Steam Piping/Pump	100%	Now	$1,700	2055	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : It Is Too Cold. Lack Of Steam Supply From Power Plant Or Mechanical Defects In Heating System.								
Terminal Devices								
Air Handler	60%			2035	$46,700	1	$1,500	
Unit Heater - Steam	40%			2035	$9,400	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
EMS STATION 43 GRAVESEND STATION
Asset # : 14009

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								
Controls								
Electrical	100%			2030	$23,000			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	40%			2036	$27,000	2	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Above The Ceiling Of The Garage								
Explanation : Unit Is Located Above The Ceiling In The Garage								
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	40%			2035	$1,900	2	$1,200	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$900	
No Component	60%							
Exhaust Fans								
Interior	40%			2040	* *	2	$100	
Wall Unit	60%			2035	$1,100	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Sanitary Piping								
Cast Iron	100%	Now	$2,600	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Under Ground Of Parking Lot								
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.*

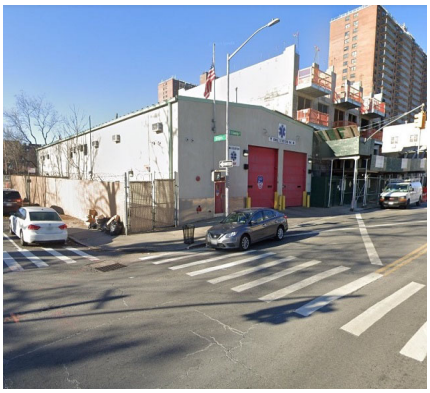
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS STATION 44 BROWNSVILLE STATION**				
Address	: **266 ROCKAWAY AVE. @ BERGEN ST.**				
Borough	: **BROOKLYN**			**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSEMS.044 / 13998**			**Yr Built/Renovated**	:
Area Sq Ft	: **8,000**			**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **06-Oct-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1,2**				
Block	: **1448**	**Lot**	: **40**	**BIN**	: **3038942**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$77,800	
Interior Architecture		$117,000
Electrical	$61,100	$54,600
Mechanical	$229,800	
Total	**$368,700**	**$171,600**
Importance Code A	$77,800	
Importance Code B	$290,900	$171,600
Total	**$368,700**	**$171,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$2,400		$33,200	$900
Interior Architecture	$50,000			$500
Electrical	$3,000	$600	$700	$600
Mechanical	$26,900	$700	$17,800	$700
Site Pavements	$8,700			
Total	**$90,900**	**$1,300**	**$51,600**	**$2,700**
Importance Code A	$26,600	$300	$33,600	$1,200
Importance Code B	$26,100	$1,000	$18,100	$1,500
Importance Code C	$38,200			
Total	**$90,900**	**$1,300**	**$51,600**	**$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
EMS STATION 44 BROWNSVILLE STATION
Asset # : 13998

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%			2047	* *	5	$4,800	
Stucco Cement	90%	0-2	$77,800	2051	* *	5	$17,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Front Gate								
Windows								
Aluminum	100%			2050	* *	5	$1,800	
Roof								
Metal Panel	100%			2039	* *	10	$33,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Roof Was Not Accessed.								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	$10,300	
Ceramic Tile	5%			2037	* *	5	$500	
Vinyl Tile	45%	Now	$5,800	2034	$117,000	3	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	10%			2037	* *	5	$1,300	
Concrete Masonry Unit	30%	Now	$37,600	LIFE	* *	5	$1,600	
Diagonal Cracks, Extent : Severe, Area Affected : 5%								
Location : Apparatus Room								
Vertical Cracks, Extent : Severe, Area Affected : 45%								
Location : Right Side Wall								
Other Observation, Extent : Severe, Area Affected : 45%								
Location : At Garage								
Explanation : Cracks Appear When Construction At Right Side Of Property Begins.								
Gypsum Board	60%			LIFE	* *	5	$4,800	
Ceilings								
AcousTileSusp.Lay-In	50%	Now	$1,600	2039	* *	5	$2,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Second Floor								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : 2nd, Mezzanine Floor								
Explanation : Evidence Of Water Leak Coming From Roof								
Gypsum Board	50%	Now	$4,100	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Room								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Apparatus Room								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2044	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 44 BROWNSVILLE STATION
Asset # : 13998

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%	0-2	$8,700	2051	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Front Sidewalk								
On-Site Walkways								
Cast in Place Concrete	100%			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								
Molded Case Bkrs	100%			2044	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Ratings Available								
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	$200	
Wiring								
Thermoplastic	100%			2044	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2032	$13,200	1	$2,500	
Generators								
Diesel	100%	2-4	$61,100	2049	* *	1	$2,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Emergency Generator Rated At 6.3 Kilovolt Ampere. It Is An Obsolete Generator That Is Not Regularly Tested.								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$300	
Fuel Storage								
Main Tank	100%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 60 Gallon Capacity								
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 44 BROWNSVILLE STATION
Asset # : 13998

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2034	$49,100	10	$5,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2034	$5,500	10	$600	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Apparatus Floor								
Egress Lighting								
Emergency, Service	50%			2034	$1,900	1		
Exit, Service	50%			2034	$1,400	1		
Exterior Lighting								
HID	10%			2034	$3,700	10		
No Component	90%							

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%			2034	$7,800	1	$1,200	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Truck Bay								
Explanation : 3 Gasoline Fired Unit Heaters								
Hot Water Boiler	60%	2-4	$24,100	2054	* *	1	$1,700	
Corroded, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Mechanical Room								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : 2 Weil Mclain Hot Water Boilers								
Distribution								
Hot Wtr Piping/Pump	60%	2-4	$2,500	2033	$8,200	4	$200	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Mechanical Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : 2 Hot Water Pumps								
No Component	40%							
Terminal Devices								
Convector/Radiator	60%			2032	$30,800	1	$1,200	
No Component	40%							
Controls								
Digital	100%			2029	$229,800			

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 44 BROWNSVILLE STATION
Asset # : 13998

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								
Split Unit	10%			2034	$14,900			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Officer Reset Adjustment								
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor Offices And Lounge								
Explanation : Two 2-Ton Units								
Window/Wall Unit	60%			2029	$14,300	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$900	
No Component	75%							
Exhaust Fans								
Interior	25%			2034	$7,000	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mens And Womens Locker Rooms								
Explanation : Inline Fan Above Hung Ceiling								
No Component	75%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First Floor Mechanical Space								
Explanation : 75 Gallon Capacity								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2029	$2,800	1	$400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2044	* *	1-2	$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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **7,180**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **04-Dec-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **1500** **Lot** : **2**	**BIN**	: **4437132**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$75,800	
Mechanical		$99,300
Total	**$75,800**	**$99,300**
Importance Code A	$75,800	
Importance Code B		$99,300
Total	**$75,800**	**$99,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$1,900			
Interior Architecture	$47,300		$700	$500
Electrical	$800	$700	$800	$800
Mechanical	$4,700	$500	$800	$500
Site Pavements	$21,700			
Total	**$76,400**	**$1,200**	**$2,200**	**$1,800**
Importance Code A	$2,100	$200	$200	$200
Importance Code B	$44,600	$1,000	$2,000	$1,100
Importance Code C	$29,700			$500
Total	**$76,400**	**$1,200**	**$2,200**	**$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
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	90%	Now	$75,800	LIFE	* *	5	$9,200	
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Front Facade								
Metal Sect. OHD	10%	Now	$1,900	2049	* *	5	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Facade								
Explanation : Inoperable At First Floor Level, Need To Go Upstairs To Close Door.								
Parapets								
Not Accessible	75%							
Not Accessible	25%							
Roof								
Not Accessible	100%							
Other Observation, Extent : N/A, 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	85%			LIFE	* *	5	$40,000	
Ceramic Tile	5%			2039	* *	5	$500	
Vinyl Tile	10%			2041	* *	3	$400	
Interior Walls								
Ceramic Tile	5%			2045	* *	5	$1,000	
Concrete Masonry Unit	90%			LIFE	* *	5	$13,900	
Gypsum Board	5%			LIFE	* *	5-10	$1,600	
Ceilings								
AcousTileSusp.Lay-In	5%			2049	* *	5	$500	
Exposed Struc: Steel	90%			LIFE	* *	10	$18,200	
Gypsum Board	5%			LIFE	* *	5-10	$1,700	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2049	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Baxter Avenue Side								
Explanation : Concrete Ramp With Steel Guardrail								
Parking/Driveway								
Asphalt	100%	Now	$21,700	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : South 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								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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								
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2044	* *	5		
Molded Case Bkrs	95%			2044	* *	5	$200	
Wiring								
Thermoplastic	100%			2046	* *	1		
Lighting								
Interior Lighting								
LED	100%			2044	* *			
Egress Lighting								
Emergency, Battery	50%			2036	$6,000	10	$900	
Exit, Service	50%			2036	$1,500	1		
Exterior Lighting								
LED	20%			2044	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2036	$13,500	1	$2,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Garage, Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2036	$18,500	1-3	$4,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors , 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								
Electricity	30%			2046	* *	1		
Natural Gas	70%			2046	* *	1		

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

FIRE DEPARTMENT - 057
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	70%			2036	$15,600	1	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Garage								
Explanation : 2 Modine Heaters								
No Component	20%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Gymnasium								
Explanation : Reported Under Air Conditioning								
No Component	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Office G1-10a								
Explanation : Location Noted								
Distribution								
Steam Piping/Pump	5%			2036	$2,300			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Emergency Shower Area								
Explanation : Steam Is Provided By Adjacent Hospital Building								
No Component	95%							
Terminal Devices								
Convector/Radiator	5%			2034	$2,300	1	$100	
No Component	95%							
Controls								
Electrical	100%			2031	$31,900			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	Now	$2,700	2036	$2,700	1		
Broken, Extent : Severe, Area Affected : 100%								
Location : Gymnasium								
Window/Wall Unit	10%			2031	$2,700	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Location Noted								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$4,400	
No Component	30%							
Exhaust Fans								
Not Accessible	100%							
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Hot And Cold Water Is Provided By Adjacent Hospital Building								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2036	$99,300	1-2	$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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **EMS STATION 50 - BLDG 2 TRAILER**
Address : **82-68 164TH ST. QUEENS GENERAL HOSPITAL**
Borough : **QUEENS**
Agency's Number : **N/A**
Program / Asset # : **FIRSEMS.05A / 14005**
Yr Built/Renovated :
Area Sq Ft : **3,000**
Project Type : **FIRE DEPARTMENT**
Date of Survey : **31-Mar-2023**
Landmark Status : **NONE**
Areas Surveyed : **Floors 1**
Block : **6858** **Lot** : **1** **BIN** : **4442431**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Site Pavements	$169,400	
Total	**$169,400**	
Importance Code C	$169,400	
Total	**$169,400**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture			$4,500	$200
Interior Architecture	$500		$300	$500
Electrical	$100	$100	$500	$200
Mechanical	$400	$200	$700	$200
Site Pavements	$13,700	$300	$2,000	$300
Total	**$14,800**	**$600**	**$8,000**	**$1,400**
Importance Code A		$200	$4,500	$400
Importance Code B	$1,000	$100	$1,500	$700
Importance Code C	$13,700	$300	$2,000	$300
Total	**$14,800**	**$600**	**$8,000**	**$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
EMS STATION 50 - BLDG 2 TRAILER
Asset # : 14005

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	90%			2054	* *	10	$2,500	
Metal Panel	10%			2054	* *	5-10	$6,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Eaves And Corners								
Explanation : Material Is Diamond Plate								
Windows								
Aluminum	100%			2050	* *	5	$500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Roof								
Modified Bitumen	100%			2039	* *	10	$2,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Not Accessible								
Soffits								
Exposed Struc: Wood	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Above Entrances								
Explanation : Entry Awning								
Interior								
Floors								
Sheet Vinyl/Rubber	10%			2039	* *	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Bathrooms								
Explanation : Vinyl Sheet In Bathrooms								
Vinyl Tile	90%			2039	* *	3	$2,000	
Interior Walls								
Gypsum Board	95%			LIFE	* *	5	$400	
Plywood/Hardboard	5%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Bathrooms And Showers								
Explanation : Material Is Vinyl Panels								
Ceilings								
Gypsum Board	100%			LIFE	* *	5	$5,600	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2054	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Wood	100%			2029	$169,400	1-3	$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front And Rear								
Explanation : Stairs And Ramps								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 50 - BLDG 2 TRAILER
Asset # : 14005

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	75%	Now	$12,100	2043	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Driveway								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Parking Lot								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Driveway								
Explanation : Steel Plate Cover Driveway, Uneven And Slippery								
Cast in Place Concrete	25%	0-2	$1,400	2047	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Parking 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	100%			2054	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2054	* *	5	$100	
Raceway								
Conduit	100%			2054	* *	1		
Panelboards								
Molded Case Bkrs	100%			2050	* *	5	$100	
Wiring								
Thermoplastic	100%			2054	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
LED	100%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$400	
Exit, LED	50%			2062	* *	1		
Exterior Lighting								
LED	30%			2039	* *			
No Component	70%							
Alarm								

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

FIRE DEPARTMENT - 057
EMS STATION 50 - BLDG 2 TRAILER
Asset # : 14005

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								
Generic	100%			2039	* *	1	$1,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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 Air Sourced	100%			2038	* *	2	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside End Of The Building								
Explanation : 5 Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$1,700	
Controls								
Electrical	100%			2032	$16,700			
Air Conditioning								
Energy Source								
Electricity	100%			2056	* *	1		
Conversion Equipment								
Split Unit	100%			2039	* *			
Heat Rejection								
Air Cooled Condenser Unit	100%			2039	* *	2	$2,100	
Ventilation								
Exhaust Fans								
Roof	10%			2042	* *	2		
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2060	* *	1		
Water Heater With Tanks								
Electric	100%			2033	$23,600	4		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Closet								
Explanation : 50 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
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.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS STATION 50 - BLDG. 1**		
Address	: **159-10 GOETHALS AVE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSEMS.050 / 14934**	**Yr Built/Renovated**	: **2016 /**
Area Sq Ft	: **13,000**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **22-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **6858** **Lot** : **1**	**BIN**	: **4866423**

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture		$26,200	$87,400	$5,800
Interior Architecture	$24,300		$2,200	
Electrical	$2,100	$4,800	$2,400	$2,300
Mechanical	$6,500	$1,300	$7,600	$1,300
Elevators/Escalators	$7,200	$7,200	$7,200	$7,200
Total	**$40,100**	**$39,500**	**$106,800**	**$16,600**
Importance Code A	$600	$26,800	$88,100	$6,400
Importance Code B	$35,000	$12,600	$18,700	$10,200
Importance Code C	$4,500			
Total	**$40,100**	**$39,500**	**$106,800**	**$16,600**

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 50 - BLDG. 1
Asset # : 14934

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	5%			LIFE	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Structural Glazed Face Tile								
Metal Panel	5%			2059	* *	5-10	$11,800	
Metal Sect. OHD	10%			2050	* *	5	$10,700	
Pre-cast Concrete	15%			LIFE	* *	5	$16,700	
Window Wall	65%			2059	* *	5	$83,500	
Windows								
Aluminum	75%			2055	* *	5	$900	
Metal Louvers	25%			2046	* *	10	$1,900	
Parapets								
Metal Panel	25%			2059	* *	5	$2,400	
No Component	75%							
Roof								
Single Ply Membrane	100%			2038	* *	10	$26,200	
Soffits								
Metal Panel	100%			2059	* *	5-10	$49,400	
Interior								
Floors								
Carpet	10%			2032	$51,600	3	$4,400	
Cast in Place Concrete	40%	4+	$19,900	LIFE	* *	5	$25,500	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Storage Area During Heavy Rain								
Ceramic Tile	30%			2046	* *	5	$8,800	
Vinyl Tile	20%			2041	* *	3	$2,200	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Precast Concrete								
Ceramic Tile	10%			2046	* *	5	$5,400	
Glass: Special Gauge	10%			LIFE	* *	1		
Gypsum Board	30%	4+	$4,500	LIFE	* *	5	$9,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen, Lunch Room								
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
Exposed Struc: Steel	50%			LIFE	* *			
Gypsum Board	50%			LIFE	* *	5	$17,500	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 50 - BLDG. 1
Asset # : 14934

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%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	80%			2042	* *			
Cast in Place Concrete	20%			2046	* *			

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%			2059	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2059	* *	5	$100	
Raceway								
Conduit	100%			2059	* *	1		
Panelboards								
Fused Disc Sw	5%			2055	* *	5		
Molded Case Bkrs	95%			2055	* *	5	$300	
Wiring								
Thermoplastic	100%			2059	* *	1		
Motor Controllers								
Locally Mounted	100%			2050	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$4,000	
Generators								
Diesel	100%			2046	* *	1	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside The Building								
Explanation : One 117.3 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$500	

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FIRE DEPARTMENT - 057
EMS STATION 50 - BLDG. 1
Asset # : 14934

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%			2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 79 Gallons								
Main Tank	70%			2068	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground								
Explanation : One 2,500 Gallons								
Lighting								
Interior Lighting								
Fluorescent	100%			2041	* *	10	$11,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	55%			2041	* *	1		
Emergency, Battery	5%			2041	* *	10	$200	
Exit, LED	40%			2068	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								
Fire/Smoke Detection								
Generic, Digital	100%			2041	* *	1-3	$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Alarm Bells, Horns, Smoke Detector, Pull Boxes And Fire Alarm Panel								

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%			2053	* *	1		
Conversion Equipment								
Furnace	100%			2038	* *	1	$6,400	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,300	

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 50 - BLDG. 1
Asset # : 14934

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								
Fan Coil Unit/Heat	20%			2038	* *	1	$800	
Other Observation, Extent : Light, Area Affected : 20%								
Location : First Floor Ceiling								
Explanation : 4 Units								
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2038	* *	2	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Units								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$16,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,300	
Exhaust Fans								
Interior	20%	0-2	$600	2038	* *	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor Apparatus Room. Defective Ventilation Unit								
Roof	80%			2038	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$4,600	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Clogged Drain At 1st Floor And 2nd Floor								
Backflow Preventer								
Generic	100%			2038	* *	1	$800	
Fixtures								
Generic	100%							
Vertical Transport								

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

FIRE DEPARTMENT - 057
EMS STATION 50 - BLDG. 1
Asset # : 14934

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 : Basement To 2nd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2053	* *	1-2	$3,600	

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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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS STATION 52 FLUSHING STATION**		
Address	: **135-16 38TH AVE. BTWN MAIN ST. - PRINCE ST.**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSEMS.052 / 14006**	**Yr Built/Renovated**	: **1923 / 1998**
Area Sq Ft	: **6,000**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **21-Sep-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2**		
Block	: **4975** **Lot** : **31**	**BIN**	: **4112309**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$632,700	
Interior Architecture	$370,900	
Electrical		$116,100
Total	**$1,003,600**	**$116,100**
Importance Code A	$632,700	
Importance Code B	$257,300	$116,100
Importance Code C	$113,600	
Total	**$1,003,600**	**$116,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$59,900			
Interior Architecture	$69,500			$800
Electrical	$1,300	$300	$300	$200
Mechanical	$37,600	$1,000	$44,000	$800
Site Enclosure	$58,600			
Site Pavements	$10,700			
Total	**$237,600**	**$1,300**	**$44,400**	**$1,800**
Importance Code A	$60,500	$600	$600	$600
Importance Code B	$109,000	$700	$43,700	$1,200
Importance Code C	$68,100			
Total	**$237,600**	**$1,300**	**$44,400**	**$1,800**

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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
EMS STATION 52 FLUSHING STATION
Asset # : 14006

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%	Now	$414,200	LIFE	* *	5	$12,600	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : All Facades								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Below Cornice On 38th Avenue								
Vegetation Growth, Extent : Moderate, Area Affected : 30%								
Location : Rear And Side Yards								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : 2nd Floor Window Areas, Office								
Masonry: Brick	35%			LIFE	* *	5	$8,800	
Masonry: Granite	5%	4+	$9,900	LIFE	* *	5	$900	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal Sect. OHD	5%			2051	* *	5	$3,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Garage								
Windows								
Aluminum	100%	Now	$44,200	2050	* *	5	$900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : 2nd Floor - Kitchen, Lieutenant Office								
Parapets								
Masonry: Brick	95%	Now	$162,600	LIFE	* *	5	$1,800	
Efflorescence, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Limestone	5%	Now	$5,800	LIFE	* *	5	$100	1
Loose Units, Extent : Severe, Area Affected : 20%								
Location : Coping - Based On Interview								
Caulking Deteriorated, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Roof								
Modified Bitumen	100%	Now	$56,000	2039	* *			1
Ponding, Extent : Severe, Area Affected : 30%								
Location : Main Roof, Front And Back								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Main Roof To 2nd Floor Locker Room								
Interior								

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

FIRE DEPARTMENT - 057
EMS STATION 52 FLUSHING STATION
Asset # : 14006

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%	Now	$91,700	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Parking Garage								
Uneven Surface, Extent : Moderate, Area Affected : 20%								
Location : Parking Garage								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Parking Garage - Water Infiltration From Street								
Mosaic Tile	5%			2047	* *	5	$1,100	
Terrazzo	5%			LIFE	* *	5	$400	
Vinyl Tile	70%	Now	$104,200	2039	* *	3	$2,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Second Floor								
Loose/Delam Surface, Extent : Severe, Area Affected : 30%								
Location : 2nd Floor								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Kitchen, Offices And Storage Areas								
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : 2nd Floor, Kitchen - Past Water Damage								
Worn/Erode, Extent : Severe, Area Affected : 30%								
Location : 2nd Floor, Kitchen And Past Water Damage								
Interior Walls								
Cast in Place Concrete	9%	Now	$33,800	LIFE	* *			
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Basement								
Ceramic Tile	2%	Now	$2,700	2043	* *	5	$100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Toilets								
Masonry: Brick	12%			LIFE	* *			
Plaster	63%	Now	$113,600	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout Stairs And Corridors, Kitchen, Window Areas								
Paint Peeling, Extent : Severe, Area Affected : 30%								
Location : 2nd Floor								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : 2nd Floor Windows								
SGFT/Glazed Masonry	14%	Now	$7,800	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Apparatus Bay								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Apparatus Bay								

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

FIRE DEPARTMENT - 057
EMS STATION 52 FLUSHING STATION
Asset # : 14006

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	$4,500	2047	* *	5	$400	
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Exposed Struc: Concrete	15%	Now	$20,200	LIFE	* *	5	$200	
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Basement - Water Penetration From Apparatus Bay								
Spalling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Plaster	75%	Now	$61,500	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Second Floor, Locker Room And Hallway								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$13,100	2054	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Side yards								
Retaining Walls								
Cast in Place Concrete	100%	Now	$45,500	2069	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 90%								
Location : Rear Yard Separating Public Parking								
Graffiti, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Impact Damage, Extent : Severe, Area Affected : 30%								
Location : Rear And Side Yards Adjoining Public Parking Lot								
Misaligned/Bulging, Extent : Severe, Area Affected : 75%								
Location : Rear Yard Separating Public Parking								
Spalling, Extent : Severe, Area Affected : 30%								
Location : Rear And Side Yards								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 52 FLUSHING STATION
Asset # : 14006

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								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$10,700	2051	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Back And Side Of The Building								
Parking/Driveway								
Cast in Place Concrete	100%			2047	* *			

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	$65,000	5	$200	
Raceway								
Conduit	100%			2034	$36,800	1		
Panelboards								
Molded Case Bkrs	70%			2033	$34,700	5	$100	
Molded Case Bkrs	30%			2056	* *	5		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Locker Room								
Wiring								
Thermoplastic	100%			2034	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2051	* *	5		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Main Door								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	98%			2034	$51,100	10	$5,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2044	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Office Throughout								
Egress Lighting								
Emergency, Battery	50%			2034	$5,000	10	$700	
Exit, Battery	50%			2034	$4,300	10	$200	

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

FIRE DEPARTMENT - 057
EMS STATION 52 FLUSHING STATION
Asset # : 14006

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	20%	Now	$1,100	2039	* *			
Outdr Lights On During Daytime, Extent : Light, Area Affected : 20%								
Location : Main Entrance								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
Explanation : Controlled Via Photocell								
No Component	80%							
Alarm								
Security System								
Generic	100%			2039	* *	1	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Garage And Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2039	* *	1	$5,900	
Distribution								
Steam Piping/Pump	100%			2044	* *			
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	$1,900	
Controls								
Electrical	100%			2027	$33,400			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building								
Explanation : 1 Zone For The Whole Building								
Air Conditioning								
Energy Source								
Electricity	40%			2042	* *	1		
No Component	60%							
Conversion Equipment								
Window/Wall Unit	40%			2029	$9,100	1		
No Component	60%							
Ventilation								
Exhaust Fans								
Interior	10%			2034	$2,700	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Bathrooms								
Explanation : Toilet Exhaust								
No Component	90%							

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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 52 FLUSHING STATION
Asset # : 14006

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%			2044	* *	1		
No Water Meter, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%	2-4	$3,400	2029	$34,200	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Water Slow To Heat Up In Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$200	4	$200	
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS STATION 54 SPRINGFIELD GARDENS STATION**		
Address	: **222-15 MERRICK BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSEMS.054 / 4524**	**Yr Built/Renovated**	: **2005 /**
Area Sq Ft	: **6,084**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **07-Sep-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **12961** **Lot** : **10**	**BIN**	: **4279279**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$58,400	
Total	**$58,400**	
Importance Code A	$58,400	
Total	**$58,400**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$8,200	$1,200		$500
Interior Architecture	$1,900	$500		$300
Electrical	$1,100	$3,600	$6,600	$1,200
Mechanical	$2,200	$400	$17,600	$400
Total	**$13,400**	**$5,700**	**$24,200**	**$2,400**
Importance Code A	$10,300	$1,500	$300	$800
Importance Code B	$3,100	$3,900	$23,800	$1,600
Importance Code C		$300		
Total	**$13,400**	**$5,700**	**$24,200**	**$2,400**

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.
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FIRE DEPARTMENT - 057

EMS STATION 54 SPRINGFIELD GARDENS STATION

Asset # : 4524

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	30%			LIFE	* *	5	$2,900	
Masonry: Brick Cavity	60%			LIFE	* *	5	$9,400	
Metal Sect. OHD	10%			2047	* *	5	$4,900	
Windows								
Aluminum	100%			2050	* *	5	$1,000	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$2,200	
Metal Cornice	10%			2062	* *	10	$800	
Roof								
Modified Bitumen	100%	4+	$58,400	2039	* *			
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Over Locker Room								
Not Insulated, Extent : Severe, Area Affected : 25%								
Location : Over Locker Room								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Captain Office And Corridors								
Soffits								
Exposed Struc: Steel	40%	4+	$5,700	LIFE	* *	5	$1,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Front Of Building Awning								
Fiberglass Panel	60%			2043	* *	5	$2,500	
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	* *	5	$12,900	
Ceramic Tile	5%			2043	* *	5	$500	
Vinyl Tile	30%			2039	* *	3	$1,400	
Interior Walls								
Ceramic Tile	5%			2043	* *	5	$500	
Concrete Masonry Unit	60%			LIFE	* *	5	$2,600	
Gypsum Board	30%			LIFE	* *	5	$2,000	
Metal Panel	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	35%			2047	* *	5	$3,200	
Exposed Struc: Steel	60%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$600	
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2069	* *			
Free Standing Walls								
Cast in Place Concrete	70%			2069	* *			
Concrete Masonry Unit	30%			2054	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			

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FIRE DEPARTMENT - 057

EMS STATION 54 SPRINGFIELD GARDENS STATION

Asset # : 4524

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	100%			2043	* *			

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		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Amperes Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2054	* *	5		
Raceway								
Conduit	100%			2054	* *	1		
Panelboards								
Fused Disc Sw	5%			2050	* *	5		
Molded Case Bkrs	95%			2050	* *	5	$200	
Wiring								
Thermoplastic	100%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2047	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$1,900	
Generators								
Diesel	100%			2043	* *	1	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Area Outside								
Explanation : One 100 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2062	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Area Outside								
Explanation : One 150 Gallons								
Lighting								
Interior Lighting								
Fluorescent	100%			2039	* *	10	$5,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								

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FIRE DEPARTMENT - 057

EMS STATION 54 SPRINGFIELD GARDENS STATION

Asset # : 4524

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%			2039	* *	1		
Exit, LED	50%			2062	* *	1		
Exterior Lighting								
HID	30%			2039	* *	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2039	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2039	* *	1-3	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Fire Alarm Panel								

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%			2054	* *	1		
Conversion Equipment								
Furnace	90%			2039	* *	1	$2,700	
Other Observation, Extent : Light, Area Affected : 95%								
Location : Modine Heaters In Garage, Package Unit On Roof								
Explanation : 4 Modine Heaters, 1 Rooftop Package Unit								
Furnace	10%	0-2	$1,900	2044	* *	1	$300	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Thermoststat Is Not Working								
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2034	$30,700	2	$100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof Mounted								
Explanation : 1 Rooftop Package Unit For Office Only								
No Component	70%							
Ventilation								

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FIRE DEPARTMENT - 057

EMS STATION 54 SPRINGFIELD GARDENS STATION

Asset # : 4524

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	30%			LIFE	* *	2-5	$1,000	
No Component	70%							
Exhaust Fans								
Roof	50%			2034	$5,900	2	$100	
Wall Unit	50%			2034	$1,300	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : One Gasoline Fired Water Heater								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2039	* *	1	$400	
Fixtures								
Generic	100%							

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS STATION 55**		
Address	: **3134 PARK AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSFMO.001 / 13231**	**Yr Built/Renovated**	: **1900 /**
Area Sq Ft	: **12,199**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **23-Sep-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Mez**		
Block	: **2419** **Lot** : **1**	**BIN**	: **2001898**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$1,225,000	
Electrical	$21,200	$42,400
Mechanical		$627,000
Site Pavements	$122,000	
Total	**$1,368,200**	**$669,400**
Importance Code A	$1,225,000	
Importance Code B	$21,200	$669,400
Importance Code C	$122,000	
Total	**$1,368,200**	**$669,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$18,300		$3,500	$900
Interior Architecture	$102,300	$300		$900
Electrical	$4,000	$1,500	$3,600	$1,300
Mechanical	$12,800	$1,800	$25,400	$2,000
Total	**$137,500**	**$3,600**	**$32,500**	**$5,100**
Importance Code A	$19,500	$1,200	$4,800	$2,100
Importance Code B	$65,700	$2,400	$27,700	$3,000
Importance Code C	$52,300			
Total	**$137,500**	**$3,600**	**$32,500**	**$5,100**

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*** 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
Exterior								
Exterior Walls								
Alum/Vinyl Siding	2%	Now	$2,200	2044	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Masonry: Brick	25%	Now	$847,200	LIFE	* *	5	$7,100	1
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Diagonal Cracks, Extent : Severe, Area Affected : 2%								
Location : North Facade								
Staining/Discoloring, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 25%								
Location : Front Facade								
Explanation : Debris Netting Secured To Front Facade								
Masonry: Brick	50%	Now	$23,400	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	
Staining/Discoloring, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Vertical Cracks, Extent : Light, Area Affected : 25%								
Location : Front Facade								
Stucco Cement	13%	Now	$125,400	2054	* *	5	$4,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 75%								
Location : Various Locations Throughout, Near Top Of Building								
Wood Overhead Doors	5%			2039	* *	5	$7,100	
Windows								
Aluminum	100%			2050	* *	5	$1,700	
Unit Inoperable, Extent : Light, Area Affected : 2%								
Location : Rear Office Window								
Parapets								
Masonry: Brick	90%	Now	$7,000	LIFE	* *	5	$2,700	
Broken/Missing Elements, Extent : Light, Area Affected : 50%								
Location : Parapet Wall Adjacent To Roof Hatch								
Joint Mortar Miss/Erode, 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	$800	LIFE	* *	5	$400	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 10%								
Location : Various Locations Throughout								
Caulking Deteriorated, Extent : Light, Area Affected : 10%								
Location : Various Locations Throughout								

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*** 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
Exterior								
Roof								
Modified Bitumen	95%	4+	$52,300	2039	* *			
Recent Repair Evident, Extent : N/A, Area Affected : 60%								
Location : Main Roof								
Seams Open/Split, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Main Roof								
Explanation : Repairs In Progress Poor Workmanship								
Skylight, Metal/Glass	5%	Now	$176,800	2064	* *			
Deteriorated Finish, Extent : Severe, Area Affected : 5%								
Location : Main Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Roof								
Explanation : Failing Caulk Joints								
Interior								
Floors								
Cast in Place Concrete	50%	Now	$15,500	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	2%			2037	* *	5	$400	
Ceramic Tile	3%			2043	* *	5	$500	
Quarry Tile	5%			2047	* *	5	$1,400	
Vinyl Tile	15%	Now	$22,700	2044	* *	3	$1,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Landing By Rear Stairs And Locker Room, 1st Floor, 2nd Floor Locker Rooms								
Vinyl Tile	25%			2039	* *	3	$2,300	

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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								
Interior Walls								
Ceramic Tile	2%			2037	* *	5	$500	
Ceramic Tile	3%			2047	* *	5	$800	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Toilet Room								
Gypsum Board	35%			LIFE	* *	5	$5,700	
Masonry: Brick	40%	Now	$41,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement And Various Locations Throughout.								
Masonry: Fieldstone	5%	Now	$9,000	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	$1,300	LIFE	* *	5	$800	
Broken/Missing Elements, Extent : Light, Area Affected : 75%								
Location : Various Locations Throughout 1st Floor.								
Wood	5%			LIFE	* *	5	$5,400	
Worn/Erode, Extent : Light, Area Affected : 100%								
Location : Womens Locker Room								
Ceilings								
AcousTileSusp.Lay-In	20%	2-4	$1,200	2047	* *	5	$1,800	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout, Computer Lounge								
AcousTileSusp.Lay-In	10%			2047	* *	5	$1,800	
Embossed Metal	30%	Now	$8,200	LIFE	* *	5	$2,500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Over Main Truck Bays								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Exposed Struc: Steel	30%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$2,300	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2044	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2069	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2039	* *			

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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
Site Pavements								
Parking/Driveway								
Asphalt	80%	Now	$122,000	2049	* *			
Ponding, Extent : Severe, 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%			2047	* *			

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	$15,100	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Amperes								
Raceway								
Conduit	100%			2034	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2033	$2,500	5		
Molded Case Bkrs	95%			2033	$47,100	5	$300	
Wiring								
Thermoplastic	100%			2034	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2032	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$3,800	
Generators								
Diesel	100%			2037	* *	1	$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 81 Kilovolt-ampere								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$500	
Fuel Storage								
Main Tank	100%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 60 Gallons								

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FIRE DEPARTMENT - 057
EMS STATION 55
Asset # : 13231

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%			2034	$42,400	10	$4,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	20%			2029	$21,200	10	$2,200	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
LED	40%			2042	* *			
Egress Lighting								
Emergency, Service	50%			2034	$3,800	1		
Exit, Service	50%			2034	$2,600	1		
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2034	$22,900	1	$4,600	

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%			2039	* *	1	$12,100	
Distribution								
Steam Piping/Pump	100%	0-2	$2,000	2034	$97,700			
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Terminal Devices								
Convector/Radiator	75%	0-2	$7,500	2032	$74,800	1	$2,700	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. Leaking Radiator								
Unit Heater - Steam	25%			2034	$17,300	4	$300	
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
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	75%			2034	$217,300			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st And 2nd Floors								
Explanation : 8 Units. R-410a Refrigerant								
Window/Wall Unit	10%			2029	$4,600	1		
No Component	15%							
Terminal Devices								
Fan Coil - 2 Pipe	75%			2034	$237,200	1	$3,000	
No Component	25%							
Heat Rejection								
Dry Cooler	75%			2039	* *	2	$6,400	
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,400	
No Component	80%							
Exhaust Fans								
Interior	10%			2034	$5,400	2		
Roof	10%			2034	$2,400	2		
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 75 Gallons								
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%	2-4	$400	2029	$400	4	$300	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Basement								
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
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
Fire Suppression								
Chemical System								
No Component	99%							
Generic	1%	0-2	$200	2034	$600	1	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Explanation : Obsolete 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.*

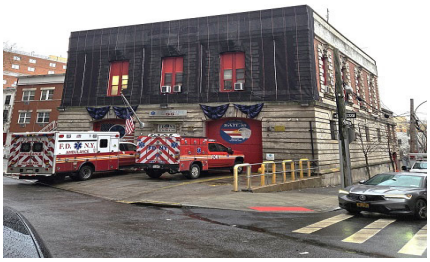
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **31-Jan-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2419** **Lot** : **1**	**BIN**	: **2001898**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$1,538,400	$181,800
Interior Architecture	$522,800	$557,300
Electrical		$65,000
Mechanical		$938,300
Site Pavements	$83,400	
Total	**$2,144,600**	**$1,742,400**
Importance Code A	$1,538,400	$181,800
Importance Code B	$447,600	$1,560,600
Importance Code C	$158,600	
Total	**$2,144,600**	**$1,742,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$15,100		$8,200	
Interior Architecture	$125,700			$3,300
Electrical	$2,300	$1,400	$3,900	$1,500
Mechanical	$59,400	$4,900	$5,700	$4,900
Site Enclosure	$14,700			
Site Pavements	$34,400			
Total	**$251,600**	**$6,300**	**$17,900**	**$9,700**
Importance Code A	$17,100	$2,000	$10,200	$2,000
Importance Code B	$135,200	$4,300	$7,600	$7,700
Importance Code C	$99,300			
Total	**$251,600**	**$6,300**	**$17,900**	**$9,700**



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

FIRE DEPARTMENT - 057
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	5%	0-2	$13,200	LIFE	* *	5	$20,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Various Locations At Facades								
Vegetation Growth, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Masonry: Brick	80%	Now	$1,010,500	LIFE	* *	5	$42,300	1
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Various Locations Throughout								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : All Facades								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Rear Facade								
Other Observation, Extent : N/A, Area Affected : 25%								
Location : Front Facade								
Explanation : Netting On Front Facade To Prevent Falling Cement Stucco And Masonry								
Metal Panel	2%			2046	* *	5-10	$7,300	
Metal Sect. OHD	5%			2049	* *	5	$8,300	
Stucco Cement	8%	Now	$143,800	2053	* *	5	$5,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Rear And Front Facade At Parapet Level								
Windows								
Aluminum	100%			2044	* *	5	$8,200	
Parapets								
Masonry: Brick	90%	Now	$178,400	LIFE	* *	5	$2,800	
Spalling, Extent : Severe, Area Affected : 100%								
Location : Various Locations Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parapet Walls								
Explanation : Covered With Cement Stucco								
Pre-cast Concrete	10%			LIFE	* *	5	$3,900	
Roof								
Roll Roofing	98%	Now	$205,800	2038	* *	5	$26,400	
Blisters, Extent : Severe, Area Affected : 20%								
Location : Throughout Roof								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Around Roof Hatch								
Skylight, Metal/Glass	2%			2036	$181,800	10	$2,200	
Interior								

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

FIRE DEPARTMENT - 057
EMS STATION 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								
Floors								
Cast in Place Concrete	25%	0-2	$33,000	LIFE	* *	5	$17,000	
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Basement And Apparatus Floor								
Paint Peeling, Extent : Moderate, Area Affected : 40%								
Location : Basement								
Ceramic Tile	5%			2045	* *	5	$1,600	
Quarry Tile	5%			2041	* *	5	$2,300	
Vinyl Tile	65%	Now	$27,900	2036	$557,300	3	$7,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Offices And Corridors								
Interior Walls								
Ceramic Tile	5%	Now	$3,100	2045	* *	5	$1,400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Second Floor Toilets								
Concrete Masonry Unit	2%			LIFE	* *	5	$900	
Gypsum Board	64%			LIFE	* *	5-10	$60,400	
Masonry: Brick	15%	Now	$158,600	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Basement Walls And Boiler Room								
Masonry: Fieldstone	2%			LIFE	* *	10	$400	
Plaster	10%	Now	$2,700	LIFE	* *	5	$1,700	
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Second Floor Under Roof Hatch								
Wood	2%			LIFE	* *	5	$8,900	
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$500	2041	* *	5	$800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : First Floor								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Various Locations								
Embossed Metal	70%	Now	$364,200	LIFE	* *	5	$10,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : First And Second Floor								
Deformed/Dented, Extent : Severe, Area Affected : 30%								
Location : First And Second Floor								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : First Floor And Various Locations Throughout								
Exposed Struc: Steel	20%			LIFE	* *	10	$13,200	
Plaster	5%	0-2	$1,000	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Hallways								
Site Enclosure								

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

FIRE DEPARTMENT - 057
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
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$14,700	2056	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 40%								
Location : Rear Portion								
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Rear Portion								
Explanation : Vegetation Growth								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$83,400	2056	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : 159th Street And Park Avenue								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : 159th Street								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$5,900	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Concrete Pavement Area Between The Building And Parking Lot								
Parking/Driveway								
Asphalt	80%	Now	$28,400	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Parking Lot								
Cast in Place Concrete	20%			2049	* *			
Activity Yard								
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%			2036	$15,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$65,000	5	$500	
Raceway								
Conduit	95%			2036	$35,000	1		
Conduit	5%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	20%			2035	$9,900	5	$100	
Molded Case Bkrs	75%			2052	* *	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
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								
Wiring								
Thermoplastic	25%			2036	$8,300	1		
Thermoplastic	75%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$600	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$6,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Automatic Transfer Switches								
Generators								
Diesel	100%			2039	* *	1	$7,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 81 Kilovolt Amperes.								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$700	
Fuel Storage								
Main Tank	100%			2051	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : 75 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2044	* *			
Egress Lighting								
Emergency, Service	50%			2044	* *	1		
Exit, Service	50%			2044	* *	1		
Exterior Lighting								
LED	5%			2044	* *			
No Component	95%							

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		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Heating								
Conversion Equipment								
Steam Boiler	100%			2049	* *	1	$19,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%	Now	$8,000	2036	$160,200			
Insul. Deteriorating, Extent : Light, Area Affected : 5%								
Location : Basement - Boiler Room								
Terminal Devices								
Convector/Radiator	70%			2034	$114,500	1	$4,500	
Unit Heater - Steam	30%			2041	* *	4	$600	
Controls								
Electrical	100%			2031	$111,200			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Split Unit	50%			2036	$237,500			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Offices, Locker Rooms								
Window/Wall Unit	20%			2031	$15,200	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$5,300	
No Component	70%							
Exhaust Fans								
Interior	10%			2031	$8,900	2	$100	
Roof	20%			2031	$7,800	2	$100	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	$256,900	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$17,100	2036	$17,100	2		
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement - Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : One Unit, 75mbh 74 Gallon								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$600	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
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								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%	Now	$29,100	2036	$58,100	1	$22,500	
Damaged, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : One 20 Square Foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS STATION 57 BEDFORD STUYVESANT STATION**		
Address	: **131 THROOP AVE. @ FLUSHING AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSEMS.057 / 13999**	**Yr Built/Renovated**	: **1999 /**
Area Sq Ft	: **6,000**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **28-Oct-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **1723** **Lot** : **1**	**BIN**	: **3048341**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical	$154,000	
Mechanical	$172,300	
Total	**$326,300**	
Importance Code B	$326,300	
Total	**$326,300**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$29,600			
Interior Architecture	$2,100	$500		$200
Electrical	$3,200	$600	$6,200	$600
Mechanical	$500	$600	$2,900	$600
Site Enclosure	$41,900			
Site Pavements	$73,800			
Total	**$151,000**	**$1,700**	**$9,100**	**$1,400**
Importance Code A	$29,800	$300	$300	$300
Importance Code B	$29,500	$1,100	$8,800	$1,100
Importance Code C	$91,700	$300		
Total	**$151,000**	**$1,700**	**$9,100**	**$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

EMS STATION 57 BEDFORD STUYVESANT STATION

Asset # : 13999

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	$17,600	
Metal Sect. OHD	15%			2047	* *	5	$11,800	
Pre-cast Concrete	15%			LIFE	* *	5	$12,300	
Windows								
Aluminum	100%	Now	$4,400	2050	* *	5	$900	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Kitchen, Dining Area								
Explanation : No Operable Windows For Ventilation And Exhaust								
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$1,300	
Pre-cast Concrete	30%			LIFE	* *	5	$3,500	
Roof								
Single Ply Membrane	100%			2042	* *	10	$8,500	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Soffits								
Metal/Glass Curt Wall	100%	2-4	$19,200	LIFE	* *	5	$1,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	75%			LIFE	* *	5	$14,700	
Paint Peeling, Extent : Moderate, Area Affected : 40%								
Location : Various Locations Throughout								
Ceramic Tile	5%			2043	* *	5	$500	
Vinyl Tile	20%			2039	* *	3	$900	
Interior Walls								
Ceramic Tile	5%			2043	* *	5	$600	
Concrete Masonry Unit	70%			LIFE	* *	5	$3,500	
Gypsum Board	25%			LIFE	* *	5	$1,900	
Ceilings								
AcousTileSusp.Lay-In	25%	Now	$1,900	2047	* *	5	$1,100	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Embossed Metal	75%			LIFE	* *	5	$3,000	
Site Enclosure								

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

FIRE DEPARTMENT - 057

EMS STATION 57 BEDFORD STUYVESANT STATION

Asset # : 13999

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	60%	0-2	$7,500	2054	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Iron Picket	40%	Now	$21,700	2069	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Rear Fence								
Explanation : Sliding Gate Is Inoperable								
Free Standing Walls								
Cast in Place Concrete	100%	Now	$12,800	2069	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Street Side Of Rear Yard								
Retaining Walls								
Cast in Place Concrete	100%			2069	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$24,000	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : West Sidewalk								
Parking/Driveway								
Asphalt	80%	Now	$48,100	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot At Rear Of Building								
Cast in Place Concrete	20%	2-4	$1,600	2047	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : West Driveway								

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 : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 400 Ampere Service Switch								
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5		
Molded Case Bkrs	95%			2042	* *	5	$200	

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

FIRE DEPARTMENT - 057

EMS STATION 57 BEDFORD STUYVESANT STATION

Asset # : 13999

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%			2044	* *	1		
Motor Controllers								
Locally Mounted	10%	4+	$200	2039	* *	5		
Corroded, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Motor Control Center	90%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Copper Clamp Type Hub Connection								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 104 Ampere Switch								
Generators								
Diesel	100%	Now	$101,800	2049	* *	1	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside On Lower Roof								
Explanation : Generator Failed, It Is Not Operational. It Is A 70 Kilovolt Ampere Generator.								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	
Fuel Storage								
Day Tank	50%			2042	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside On Lower Roof								
Explanation : 56 Gallon								
Main Tank	50%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Underground								
Explanation : 2,500 Gallon Tank Shared With Apparatus Fuel Station								
Lighting								
Interior Lighting								
Fluorescent	100%			2029	$52,100	10	$5,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Service	50%			2034	$1,800	1		
Exit, Service	50%			2034	$1,300	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Fixtures Are Connected To Building 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 57 BEDFORD STUYVESANT STATION

Asset # : 13999

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%			2034	$2,800	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated Via Timer								
No Component	90%							
Alarm								
Security System								
Generic	100%			2034	$11,300	1	$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%			2054	* *	1		
Conversion Equipment								
Furnace	70%			2034	$13,100	1	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Four Heaters Are In Truck Bay Area. Package Unit Is On The Roof								
Explanation : Four Modine Heaters, One Package Unit								
Furnace	20%			2039	* *	1	$600	
Radiant Heater	10%			2034	$15,600	2	$300	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : One Is In The Hallway And One Is In The Meter Room								
Explanation : 2 Units								
Controls								
Digital	100%			2029	$172,300			
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2039	* *	2	$100	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One Unit For Office Only								
No Component	70%							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$7,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$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

EMS STATION 57 BEDFORD STUYVESANT STATION

Asset # : 13999

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%			2039	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Water Heater With Tanks								
Electric	100%			2032	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
No Component	50%							
Generic	50%			2039	* *	1	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2054	* *	1-2	$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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **24-Oct-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,Mez**		
Block	: **1562** **Lot** : **36**	**BIN**	: **1050434**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$90,800	
Interior Architecture	$2,856,200	$467,000
Mechanical		$177,900
Total	**$2,947,000**	**$644,800**
Importance Code A	$90,800	$38,900
Importance Code B	$2,856,200	$605,900
Total	**$2,947,000**	**$644,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$56,600		$19,100	
Interior Architecture	$65,200		$9,700	$2,100
Electrical	$5,600	$2,700	$3,100	$2,700
Mechanical	$12,400	$2,200	$3,900	$2,200
Site Pavements	$4,200			
Total	**$144,000**	**$4,900**	**$35,800**	**$7,000**
Importance Code A	$57,900	$1,200	$20,300	$1,200
Importance Code B	$27,800	$3,600	$15,500	$5,800
Importance Code C	$58,400			
Total	**$144,000**	**$4,900**	**$35,800**	**$7,000**

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

FIRE DEPARTMENT - 057
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 Cavity	60%	Now	$31,900	LIFE	* *	5	$18,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Bottom Corner Of Facade At Street Corner								
Vegetation Growth, Extent : Severe, Area Affected : 10%								
Location : Base Of Building Along Preston Court								
Metal Coiling Doors	40%			2049	* *	5	$38,200	
Windows								
Aluminum	100%	Now	$24,700	2061	* *	5	$300	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Broken/Missing Elements, Extent : Light, Area Affected : 15%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 15%								
Location : Mezzanine Offices								
Parapets								
Metal Panel	100%			2056	* *	5	$16,700	
Roof								
Modified Bitumen	100%	4+	$90,800	2041	* *			
Ponding, Extent : Moderate, Area Affected : 50%								
Location : Eastern Half Of Roof								
Recent Replace Evident, Extent : N/A, Area Affected : 35%								
Location : Throughout 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

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
Interior								
Floors								
Cast in Place Concrete	60%	Now	$2,482,400	LIFE	* *	5	$63,800	
Horizontal Cracks, Extent : Severe, Area Affected : 25%								
Location : Truck Bay Floor								
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : At Column Supports And Control Joints Throughout Truck Bays								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Male And Female Locker Rooms								
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Various Locations Throughout Truck Bays Due To Differential Settlement Of Slab								
Explanation : Tripping Hazards								
Ceramic Tile	5%	Now	$6,900	2039	* *	5	$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Toilet Rooms And Corridors								
Vinyl Tile	30%	Now	$120,900	2036	$403,100	3	$5,500	
Uneven Substrate, Extent : Severe, Area Affected : 5%								
Location : Office, Corridors And Lounge								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : Throughout First Floor Offices, Corridors								
Vinyl Tile 9" X 9"	5%	Now	$194,500	2046	* *	3	$900	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Throughout 1st Floor Gymnasium, Kitchen, Breakroom, Captain Locker Room								
Interior Walls								
Ceramic Tile	5%	Now	$1,300	2039	* *	5	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilet Rooms And Base Of Corridor Walls								
Concrete Masonry Unit	40%	Now	$44,200	LIFE	* *	5	$3,800	
Diagonal Cracks, Extent : Severe, Area Affected : 15%								
Location : Storage Mezzanine								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Front Door								
Gypsum Board	50%	Now	$8,200	LIFE	* *	5	$7,000	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Vertical Cracks, Extent : Light, Area Affected : 15%								
Location : Offices And Hallways								
Wood	5%			LIFE	* *	5	$9,400	
Ceilings								
AcousTileSusp.Lay-In	40%			2049	* *	5	$19,500	
Exposed Struc: Steel	60%			LIFE	* *	10	$58,400	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$4,200	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Corner Of Block								

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
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%			2046	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two Main Service Disconnect Switches Rated At 400 Amperes Each.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2046	* *	5	$700	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Molded Case Bkrs	100%			2044	* *	5	$700	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5	$200	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$7,700	
Generators								
Diesel	100%			2039	* *	1	$9,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 150 Kilowatts.								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$900	
Fuel Storage								
Day Tank	5%			2044	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 30 Gallons Rated Capacity								
Underground Storage	95%			LIFE	* *	5		
Lighting								
Interior Lighting								
LED	100%			2044	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Lighting								
Egress Lighting								
Emergency, Service	50%			2036	$7,700	1		
Exit, Service	50%			2036	$5,400	1		
Exterior Lighting								
LED	10%			2044	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2036	$46,900	1	$9,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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								
Furnace	50%			2036	$38,900	1	$6,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Garage Area								
Explanation : 4 Modine Furnaces								
Furnace	50%			2041	* *	1	$6,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 4 Gasoline Fired Rooftop Packaged Units								
Controls								
Electrical	100%			2034	$139,000			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	40%			2041	* *	2	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rooftop Package Units. R-410a								
Window/Wall Unit	10%			2031	$9,500	1		
No Component	50%							
Ventilation								

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

FIRE DEPARTMENT - 057

EMS STATION 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
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$13,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Garage								
Explanation : Flat Canvas Duct System								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$8,800	
Exhaust Fans								
Interior	25%			2036	$27,700	2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 83rd Street Side								
Explanation : Serves Garage Only								
Roof	75%			2041	* *	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater With Tanks								
Electric	100%	0-2	$2,400	2034	$23,600	4		
Corroded, Extent : Moderate, Area Affected : 35%								
Location : 1st Floor. One Tank Leaking								
Leak Evident, Extent : Moderate, Area Affected : 35%								
Location : 1st Floor. One Tank Leaking								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2046	* *	1-2	$7,000	

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

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **EMS STATION 8 KIPS BAY**				
Address	: **435 EAST 26TH STREET EAST END BELLVUE DNA LAB BLDG.**				
Borough	: **MANHATTAN**			**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSEMS.008 / 14778**			**Yr Built/Renovated**	: **2007 /**
Area Sq Ft	: **6,164**			**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **19-Dec-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1,2**				
Block	: **962**	**Lot**	: **100**	**BIN**	: **1087242**

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$7,400			$300
Interior Architecture	$26,500	$900		$500
Electrical	$200	$200	$5,600	$300
Mechanical	$200	$300	$1,700	$500
Site Pavements	$1,700			
Elevators/Escalators	$7,200	$7,200	$7,200	$7,200
Total	**$43,300**	**$8,700**	**$14,500**	**$8,800**
Importance Code A	$7,400		$100	$300
Importance Code B	$21,000	$7,800	$14,400	$8,500
Importance Code C	$15,000	$900		
Total	**$43,300**	**$8,700**	**$14,500**	**$8,800**

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

FIRE DEPARTMENT - 057
EMS STATION 8 KIPS BAY
Asset # : 14778

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	20%			2047	* *	5	$14,800	
Granite Panels	20%			LIFE	* *	5	$3,600	
Pre-cast Concrete	60%			LIFE	* *	5	$46,200	
Windows								
Aluminum	100%			2050	* *	5	$500	
Soffits								
Metal Panel	100%			2054	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	45%	Now	$7,100	LIFE	* *	5	$9,100	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Vehicle Bay								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Vehicle Bay								
Explanation : Concrete Floor Is Coated With Premium Coating, Concrete Topping, Not Regular Paint.								
Ceramic Tile	10%	Now	$1,000	2043	* *	5	$500	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : 2nd Floor Shower								
Vinyl Tile	45%	Now	$2,300	2039	* *	3	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st And 2nd Floor Corridors, Offices, Storage Rooms And Locker Rooms								
Worn/Erode, Extent : Moderate, Area Affected : 30%								
Location : 1st And 2nd Floor Corridors, Offices, Storage Rooms And Locker Rooms								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	10%			2043	* *	5	$1,800	
Concrete Masonry Unit	35%	4+	$12,000	LIFE	* *	5	$2,500	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : 1st Floor Stair Landing								
Gypsum Board	45%	4+	$2,300	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 2nd Floor Crew Area								
Ceilings								
AcousTileSusp.Lay-In	45%			2047	* *	5	$3,800	
Exposed Struc: Steel	40%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$1,600	
Site Enclosure								
Fence/Gates								
Aluminum Picket	100%			2054	* *			
Retaining Walls								
Cast in Place Concrete	100%			2069	* *			
Site Pavements								

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

FIRE DEPARTMENT - 057
EMS STATION 8 KIPS BAY
Asset # : 14778

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%	4+	$1,000	2047	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along East 26th Street								
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Cast in Place Concrete	100%	4+	$700	2047	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Vehicle Entrance								

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%			2054	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Electrical Room								
Explanation : 250 Ampere Main Service Switch								
Transformers								
Dry Type	100%			2047	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Electrical Room								
Explanation : One Transformer 75 Kilovolt Amperes 480 Volt /120 Volt								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2054	* *	5	$200	
Raceway								
Conduit	100%			2054	* *	1		
Panelboards								
Fused Disc Sw	20%			2050	* *	5		
Molded Case Bkrs	80%			2050	* *	5	$100	
Wiring								
Thermoplastic	100%			2054	* *	1		
Lighting								
Interior Lighting								
Fluorescent	75%			2039	* *	10	$4,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	25%			2042	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$700	
Exit, Battery	50%			2039	* *	10	$200	
Exterior Lighting								
HID	20%			2039	* *	10		
No Component	80%							

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

FIRE DEPARTMENT - 057
EMS STATION 8 KIPS BAY
Asset # : 14778

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								
Generic	100%			2034	$11,600	1	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior Only								
Explanation : Cameras Security 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								
Distribution								
Hot Wtr Piping/Pump	100%			2050	* *	4	$300	
Terminal Devices								
Convector/Radiator	60%			2047	* *	1	$1,200	
Unit Heater - Hot Water	40%			2039	* *			
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Split Unit	30%			2039	* *			
No Component	70%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Asset Served By Office Of Chief Medical Examiner								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2	$4,000	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 2nd Floor								
Explanation : One Unit								
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
EMS STATION 8 KIPS BAY
Asset # : 14778

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%			2054	* *	1-2	$1,700	
Dry System, Extent : Light, Area Affected : 50%								
Location : Garage								

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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENG CO 264, 328/ LAD CO 134**		
Address	: **1617 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	: **30-Aug-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **15559** **Lot** : **25**	**BIN**	: **4298240**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$556,400	
Electrical		$90,800
Mechanical	$135,600	$114,000
Site Pavements	$90,400	
Total	**$782,400**	**$204,900**
Importance Code B	$594,200	$204,900
Importance Code C	$188,200	
Total	**$782,400**	**$204,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$67,400		$6,700	
Interior Architecture	$71,500		$800	$400
Electrical	$1,100	$1,100	$6,000	$1,000
Mechanical	$8,800	$4,300	$41,100	$4,300
Site Pavements	$43,500			
Total	**$192,300**	**$5,400**	**$54,600**	**$5,700**
Importance Code A	$68,800	$1,400	$8,200	$1,400
Importance Code B	$48,900	$4,100	$46,400	$4,300
Importance Code C	$74,500			
Total	**$192,300**	**$5,400**	**$54,600**	**$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.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	15%	Now	$11,100	LIFE	* *	5	$2,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : East Wall Of Engine Company 328								
Masonry: Granite	5%			LIFE	* *	5	$700	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 10%								
Location : Front Facade								
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Facade Base; Front Facade.								
Masonry: Limestone	15%	0-2	$4,200	LIFE	* *	5	$2,000	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout Cornice And Front Facade								
Stucco Cement	50%			2047	* *	5	$22,500	
Wood Overhead Doors	15%			2039	* *	5	$13,500	
Windows								
Aluminum	100%	Now	$400	2050	* *	5	$200	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 2%								
Location : Truck 134 Locker Room								
Parapets								
Masonry: Brick	75%	0-2	$4,200	LIFE	* *	5	$700	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Front Corner Above Parking Area								
Masonry: Limestone	10%			LIFE	* *	5	$100	
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Coping On Main Roof								
Stucco Cement	15%	2-4	$400	2039	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Third Floor Roof								
Roof								
Built-Up (BUR)	100%	Now	$35,800	2039	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Various Locations On Third Floor Roof								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Third Floor Laundry Room								
Interior								

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
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	$26,600	LIFE	* *	5	$34,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout All Floors								
Ceramic Tile	5%	0-2	$1,200	2037	* *	5	$500	
Worn/Erode, Extent : Light, Area Affected : 10%								
Location : Toilets Throughout								
Quarry Tile	5%			2039	* *	5	$1,600	
Worn/Erode, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Vinyl Tile	15%	Now	$1,700	2039	* *	3	$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Worn/Erode, Extent : Light, Area Affected : 75%								
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
ENG CO 264, 328/ LAD CO 134
Asset # : 13153

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	$1,000	2037	* *	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	$3,800	LIFE	* *	5	$1,600	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	15%	Now	$10,200	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Engine Company Basement Under Sidewalk Grate								
Paint Peeling, Extent : Light, Area Affected : 50%								
Location : Basement								
Vertical Cracks, Extent : Light, Area Affected : 2%								
Location : Stair Wall At Engine 328								
Plaster	45%	Now	$97,900	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Throughout								
SGFT/Glazed Masonry	20%	Now	$16,100	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Room								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Apparatus 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
ENG CO 264, 328/ LAD CO 134
Asset # : 13153

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	55%	Now	$190,900	2054	* *	5	$5,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Exposed Struc: Concrete	15%	Now	$140,700	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 20%								
Location : Engine Company Basement								
Spalling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Throughout Basement								
Explanation : Supplemental Supports In Place								
Gypsum Board	10%	0-2	$11,000	LIFE	* *	5	$2,600	
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Toilets And Showers								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Toilets And Showers								
Explanation : Paint Peeling								
Plaster	20%	Now	$127,000	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Various Locations								
Paint Peeling, Extent : Light, Area Affected : 75%								
Location : Various Locations								
Staining/Discoloring, Extent : Light, Area Affected : 40%								
Location : Various Locations								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Various Locations								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2084	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Recent Installation								
Retaining Walls								
Cast in Place Concrete	100%			2084	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Recent Installation								
Site Pavements								

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$90,400	2047	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Side Yard Steps And Walkway								
Parking/Driveway								
Asphalt	100%	Now	$43,500	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Ponding, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Sinking/Subsiding, Extent : Severe, 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	100%			2054	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Disconnect Switch Rated At 400 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2054	* *	5	$400	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	80%			2033	$39,700	5	$300	
Molded Case Bkrs	20%			2042	* *	5	$100	
Wiring								
Thermoplastic	70%			2044	* *	1		
Thermoplastic	30%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2032	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$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
ENG CO 264, 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
Stand-by Power								
Generators								
Diesel	100%			2043	* *	1	$5,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parking Lot								
Explanation : One 75 Kilowatts Capacity								
Batteries								
Nickel Cadmium	100%			2029	$2,500	5	$3,100	
Fuel Storage								
Day Tank	25%			2050	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Under Generator								
Explanation : One 125 Gallons								
Main Tank	75%			2062	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallon Capacity								
Lighting								
Interior Lighting								
Fluorescent	75%			2034	$90,800	10	$9,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	25%			2039	* *			
Egress Lighting								
Emergency, Service	40%			2034	$3,400	1		
Emergency, Battery	10%			2039	* *	10	$300	
Exit, Battery	50%			2039	* *	10	$500	
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2054	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$13,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2044	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor								
Explanation : One Thermostat For The Whole 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
ENG CO 264, 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
Heating								
Terminal Devices								
Convector/Radiator	100%			2032	$114,000	1	$4,500	
Controls								
Electrical	100%			2029	$77,500			
Air Conditioning								
Energy Source								
Electricity	70%			2042	* *	1		
No Component	30%							
Conversion Equipment								
Split Unit	20%			2039	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lower Roof And Basement								
Explanation : 6 Units, R-410a On Lower Roof 1 Unit In The Basement								
Window/Wall Unit	50%			2029	$26,400	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$800	
No Component	90%							
Exhaust Fans								
Interior	10%	Now	$1,200	2029	$6,200	2		
Broken, Extent : Severe, Area Affected : 20%								
Location : 2nd Floor Mens Bathroom								
Roof	10%			2039	* *	2		
Wall Unit	30%	0-2	$1,800	2044	* *	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Old Units, Extended Life Time. Serves Engine Bays Only								
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	3%	0-2	$100	2054	* *	1		
Not Insulated, Extent : Light, Area Affected : 10%								
Location : Near Water Main Valve, Basement								
Brass/Copper	97%			2044	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	2%	4+	$700	LIFE	* *	1		
Corroded, Extent : Light, Area Affected : 100%								
Location : Front Of Basement								
Cast Iron	98%			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
ENG CO 264, 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
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$400	4	$400	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2029	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 12 Square Foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENG CO. 201/ LAD CO. 114/BAT 40**		
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	: **22-Dec-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Mez**		
Block	: **799** **Lot** : **5**	**BIN**	: **3013535**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$77,200	
Mechanical	$58,100	$730,400
Total	**$135,300**	**$730,400**
Importance Code A	$77,200	
Importance Code B	$58,100	$730,400
Total	**$135,300**	**$730,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$30,000			$1,400
Interior Architecture	$25,600	$2,800	$100	
Electrical	$9,500	$1,300	$4,000	$1,500
Mechanical	$19,600	$8,600	$6,000	$4,200
Total	**$84,800**	**$12,700**	**$10,100**	**$7,200**
Importance Code A	$33,200	$900	$900	$2,400
Importance Code B	$42,000	$11,800	$9,300	$4,800
Importance Code C	$9,500			
Total	**$84,800**	**$12,700**	**$10,100**	**$7,200**

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

FIRE DEPARTMENT - 057
ENG CO. 201/ LAD CO. 114/BAT 40
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 Cavity	80%	Now	$77,200	LIFE	* *	5	$12,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Dining Room Adjacent Courtyard, Gymnaisum Mezzanine And Stair Bulkhead								
Metal/Glass Curt Wall	5%	Now	$25,700	LIFE	* *	5	$1,400	
Thermally Inefficient, Extent : Severe, Area Affected : 50%								
Location : Second Floor Bunk Room								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Second Floor Bunk Room Glazing Penetration								
Metal Panel	5%			2055	* *	5-10	$5,300	
Metal Sect. OHD	10%	4+	$2,800	2048	* *	5	$2,400	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Overhead Door								
Windows								
Aluminum	100%			2051	* *	5	$700	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$600	
Masonry: Brick Cavity	90%			LIFE	* *	5	$700	
Roof								
Modified Bitumen	85%	Now	$900	2040	* *			
Drains Clogged, Extent : Moderate, Area Affected : 20%								
Location : Low Roof								
Panel/Paver: Cer/Brk	10%	Now	$600	2045	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Courtyard Into Basement								
Skylight, Metal/Glass	5%			2055	* *	10	$800	
Soffits								
Metal Panel	100%			2055	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	35%	4+	$3,000	LIFE	* *	5	$3,800	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor And Basement.								
Ceramic Tile	5%			2044	* *	5	$200	
Wood	60%			2063	* *	5	$5,600	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	20%	Now	$6,400	LIFE	* *	5	$500	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Basement Entry Stairs, Both Sides.								
Gypsum Board	65%	Now	$3,100	LIFE	* *	5	$2,700	
Paint Peeling, Extent : Light, Area Affected : 2%								
Location : Stairwell								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Stairwell								
Wood	10%			LIFE	* *	5	$2,700	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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FIRE DEPARTMENT - 057
ENG CO. 201/ LAD CO. 114/BAT 40
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
Interior								
Ceilings								
AcousTileSusp.Lay-In	45%	4+	$700	2048	* *	5	$1,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Laundry Room								
Embossed Metal	30%			LIFE	* *	5	$700	
Exposed Struc: Steel	10%	Now	$12,000	LIFE	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 10%								
Location : Basement Storage And Lockers								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Gypsum Board	10%	0-2	$400	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	$2,200	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			

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%			2055	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 600 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$500	
Raceway								
Conduit	100%			2055	* *	1		
Panelboards								
Molded Case Bkrs	100%			2051	* *	5	$500	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Stand-by Power								

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FIRE DEPARTMENT - 057
ENG CO. 201/ LAD CO. 114/BAT 40
Asset # : 13098

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%			2048	* *	1	$5,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room In The Basement								
Explanation : One 600 Amperes And One 70 Amperes								
Generators								
Diesel	100%			2044	* *	1	$6,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room In The Basement								
Explanation : 218 Kilovolt Amperes, 175 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$700	
Fuel Storage								
Day Tank	50%			2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 25 Gallon								
Main Tank	50%			2063	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 135 Gallon Tank								
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Motion Sensor Controls								
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
HID	20%	0-2	$8,300	2040	* *			
Not in Service, Extent : Severe, Area Affected : 50%								
Location : Exterior								
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2055	* *	1		

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FIRE DEPARTMENT - 057
ENG CO. 201/ LAD CO. 114/BAT 40
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
Heating								
Conversion Equipment								
Furnace	50%	Now	$2,800	2040	* *	1	$4,000	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : 6 Rooftop Units								
Explanation : Ongoing Control Issues								
Hot Water Boiler	50%			2048	* *	1	$4,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	10%	Now	$400	2051	* *	4	$100	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : 1 Distribution Pump, Basement								
Hot Wtr Piping/Pump	40%			2051	* *	4	$500	
No Component	50%							
Terminal Devices								
Convector/Radiator	80%			2048	* *	1	$4,600	
Fan Coil Unit/Heat	20%			2035	$88,300	1	$1,200	
Controls								
Electrical	95%			2033	$94,000			
Electrical	5%	Now	$500	2033	$4,900			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : 2 Thermostats For Second Floor Office And Third Floor Bunker Room.								
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2043	* *	2	$100	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit, Roof								
Ext Pkg Unit - Heating/Cooling	45%			2035	$134,600	2	$500	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 5 Units, Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Ongoing Control Issues, Refer To Furnace Issue.								
Split Unit	5%			2035	$21,100			
No Component	40%							
Dehumidifier								
Generic	100%	Now	$8,200	2036	$408,600			
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ventilation								

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FIRE DEPARTMENT - 057
ENG CO. 201/ LAD CO. 114/BAT 40
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
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$9,900	
Exhaust Fans								
Roof	100%			2035	$34,500	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	1		
Water Heater With Tanks								
Gas Fired	60%	Now	$400	2033	$20,500	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 100 Gallon Unit, Gasoline Supply Has Been Shut Off For Unknown Reason.								
Gas Fired	40%			2034	$13,700	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Sanitary Piping								
Cast Iron	10%	0-2	$1,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement And Apparatus Floor								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	10%	Now	$1,900	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Third Floor Front Right Side Office.								
Explanation : Leak Through Roof Drain To Third Floor								
Cast Iron	90%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2040	* *	4	$1,100	
Backflow Preventer								
Generic	100%			2040	* *	1	$1,100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	50%							
Generic	50%			2055	* *	1-2	$2,500	
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Explanation : Piping Disconnected								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	:	**ENG. CO. 207/ BAT. 31/ DIV. 11 BKLYN BORO COMMANDER**			
Address	:	**172 TILLARY STREET CO-LOCATE 84TH PRECINCT**			
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	:	**02-Nov-2022**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Floors 1**			
Block	:	**134** **Lot** : **6**	**BIN**	:	**3000252**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$683,400	
Electrical	$76,100	
Mechanical	$233,500	$268,900
Total	**$993,000**	**$268,900**
Importance Code A	$740,400	
Importance Code B	$252,600	$268,900
Total	**$993,000**	**$268,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$15,500			
Interior Architecture	$74,600	$2,700		$1,600
Electrical	$100	$100	$14,800	$200
Mechanical	$1,600	$1,200	$55,800	$1,700
Total	**$91,700**	**$4,000**	**$70,600**	**$3,500**
Importance Code A	$15,800	$200	$400	$200
Importance Code B	$61,400	$2,700	$70,200	$3,300
Importance Code C	$14,500	$1,100		
Total	**$91,700**	**$4,000**	**$70,600**	**$3,500**

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FIRE DEPARTMENT - 057

ENG. CO. 207/ BAT. 31/ DIV. 11 BKLYN BORO 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	$202,700	LIFE	* *	5	$12,300	
Rusting Masonry Supt, Extent : Moderate, Area Affected : 50%								
Location : Lintels Supporting Masonry Above Windows And Brick Reliefs.								
Metal Sect. OHD	10%			2047	* *	5	$6,400	
Granite Panels	30%	Now	$151,500	LIFE	* *	5	$4,600	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 30%								
Location : Throughout								
Windows								
Aluminum	50%	Now	$5,800	2050	* *	5	$200	
Unit Inoperable, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Aluminum	50%			2042	* *	5	$400	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$4,700	
Metal Cornice	5%			2062	* *	10	$900	
Metal Rail	5%	Now	$2,000	2047	* *	5	$2,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Section Of Railing Missing Along Front Of Building								
Loose/Miss Fasteners, Extent : Light, Area Affected : 15%								
Location : Front Facade								
Granite Panels	10%	Now	$4,300	LIFE	* *	5	$600	
Caulking Deteriorated, Extent : Severe, Area Affected : 100%								
Location : Caulking At Granite Capstones Failed								
Roof								
Modified Bitumen	100%	0-2	$329,100	2044	* *			1
Alligatoring, Extent : Light, Area Affected : 25%								
Location : Asphalt Joints Throughout.								
Blisters, Extent : Moderate, Area Affected : 50%								
Location : Roof Membrane Delaminate From Substrate Throughout								
Broken/Missing Elements, Extent : Severe, Area Affected : 75%								
Location : Roofing Termination Delaminated At Parapets Throughout								
Interior								
Floors								
Cast in Place Concrete	35%	Now	$47,800	LIFE	* *	5	$24,600	
Horizontal Cracks, Extent : Light, Area Affected : 15%								
Location : Apparatus Floor And Stair Shaft Landings.								
Paint Peeling, Extent : Severe, Area Affected : 50%								
Location : Gymnasium Basketball Court								
Ceramic Tile	10%			2043	* *	5	$3,200	
Terrazzo	10%			LIFE	* *	5	$2,500	
Vinyl Tile	40%			2042	* *	3	$6,400	
Wood	5%			2062	* *	5	$3,000	

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FIRE DEPARTMENT - 057

ENG. CO. 207/ BAT. 31/ DIV. 11 BKLYN BORO 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
Interior								
Interior Walls								
Ceramic Tile	10%			2043	* *	5	$2,100	
Concrete Masonry Unit	5%	Now	$5,000	LIFE	* *	5	$400	
Diagonal Cracks, Extent : Light, Area Affected : 15%								
Location : Mechanical Penthouse.								
Gypsum Board	10%			LIFE	* *	5	$1,300	
Plaster	35%			LIFE	* *	5	$2,200	
SGFT/Glazed Masonry	25%	Now	$9,500	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Gymnasium And Apparatus Area								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2054	* *	5	$1,000	
Water Penetration, Extent : Severe, Area Affected : 60%								
Location : Various Locations Throughout								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Bunk Room And Office Areas								
Explanation : Evidence Of Water Leaks								
Exposed Struc: Concrete	35%			LIFE	* *	5	$600	
Plaster	55%	0-2	$8,700	LIFE	* *	5	$3,600	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Stair Shaft And Shower Area On 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Kitchen And 2nd Floor Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2054	* *			
Free Standing Walls								
Masonry: Brick	100%			2054	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2039	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2039	* *			
Parking/Driveway								
Asphalt	100%			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								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Precinct 84								
Explanation : Fed From Adjacent Police House								

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FIRE DEPARTMENT - 057

ENG. CO. 207/ BAT. 31/ DIV. 11 BKLYN BORO COMMANDER

Asset # : 13103

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	50%			2034	$18,400	1		
Conduit	50%			2054	* *	1		
Panelboards								
Molded Case Bkrs	75%			2050	* *	5	$400	
Molded Case Bkrs	25%			2033	$12,400	5	$100	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2032	$18,200	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	40%			2042	* *	10	$8,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Offices And Bunk Room								
Fluorescent	40%			2029	$76,100	10	$8,000	
LED	20%			2039	* *			
Egress Lighting								
Emergency, Service	50%			2029	$6,700	1		
Exit, LED	50%			2049	* *	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	25%			2064	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Serves Borough Commander Space On 2nd Floor								
Not Accessible	75%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Served By Adjacent Building								

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FIRE DEPARTMENT - 057

ENG. CO. 207/ BAT. 31/ DIV. 11 BKLYN BORO COMMANDER

Asset # : 13103

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	15%			2054	* *	1	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Serves 2nd Floor Borough Command								
Radiant Heater	10%			2029	$57,000	2	$1,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : All Rooms								
Explanation : No Hot Water For Heating Is Being Provided By Adjacent Space So Electric Unit Heaters Are Being Used.								
Not Accessible	75%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Served By Adjacent Building								
Explanation : No Heat Being Provided								
Distribution								
Hot Wtr Piping/Pump	85%			2042	* *	4	$900	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 1st Floor								
Explanation : No Hot Water Being Provided By Adjacent Building								
Hot Wtr Piping/Pump	15%			2059	* *	4	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor								
Explanation : 2nd Floor Borough Command								
Terminal Devices								
Air Handler	40%			2034	$164,800	1	$5,400	
Convector/Radiator	60%			2039	* *	1	$4,200	
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2039	* *	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R 410a								
Split Unit	20%			2034	$104,000			
Window/Wall Unit	60%			2029	$49,800	1		
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2	$11,400	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$12,200	
Exhaust Fans								
Interior	60%			2029	$58,300	2	$400	
Roof	40%			2034	$17,000	2	$300	
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

ENG. CO. 207/ BAT. 31/ DIV. 11 BKLYN BORO COMMANDER

Asset # : 13103

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%			2044	* *	1		
Water Heater With Tanks								
Electric	100%			2029	$118,200	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Two 120 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%							
Generic	5%			2044	* *	1-2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gymnasium Locker Rooms And Pole Shaft								
Explanation : Sprinkler System Is Not Connected To The Water Main								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 1/ HOOK AND LADDER 24**		
Address	: **142 WEST 31st STREET BTWN: 6TH AVE. - 7TH AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.001 / 13001**	**Yr Built/Renovated**	: **1946 / 2005**
Area Sq Ft	: **11,326**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **02-Sep-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **806** **Lot** : **66**	**BIN**	: **1015173**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$80,500	
Mechanical	$94,200	$188,400
Total	**$174,700**	**$188,400**
Importance Code A	$80,500	
Importance Code B	$94,200	$188,400
Total	**$174,700**	**$188,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$12,500			$1,400
Interior Architecture	$24,600	$1,600		
Electrical	$800	$800	$800	$900
Mechanical	$91,600	$1,500	$23,900	$1,600
Site Pavements	$1,000			
Total	**$130,500**	**$3,800**	**$24,700**	**$4,000**
Importance Code A	$13,000	$600	$600	$2,000
Importance Code B	$113,300	$2,900	$24,100	$2,000
Importance Code C	$4,100	$400		
Total	**$130,500**	**$3,800**	**$24,700**	**$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. 1/ HOOK AND 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	$21,000	
Masonry: Limestone	5%			LIFE	* *	5	$1,100	
Metal Panel	5%	2-4	$1,900	2054	* *	5	$2,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Front Of Building. Main Entrance								
Metal Sect. OHD	15%			2047	* *	5	$13,100	
Windows								
Aluminum	100%			2050	* *	5	$2,900	
Parapets								
Cast Stone/Terra Cotta	30%			LIFE	* *	5	$6,000	
Masonry: Brick	70%			LIFE	* *	5	$1,800	
Roof								
Roll Roofing	95%	Now	$4,000	2030	$80,500	5	$10,300	
Drains Clogged, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Gut/DS Non Func/Miss, Extent : Light, Area Affected : 10%								
Location : Upper Roof								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Other Observation, Extent : Light, Area Affected : 60%								
Location : Throughout								
Explanation : Alligatoring At Seams								
Skylight, Metal/Glass	5%			2054	* *	10	$2,200	
Interior								
Floors								
Cast in Place Concrete	45%	0-2	$12,300	LIFE	* *	5	$15,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement Boiler Area								
Ceramic Tile	15%			2043	* *	5	$2,400	
Wood	40%	0-2	$7,700	2062	* *	5	$6,000	
Deteriorated Finish, Extent : Light, Area Affected : 50%								
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
ENGINE CO. 1/ HOOK AND 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
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2043	* *	5	$800	
Concrete Masonry Unit	5%			LIFE	* *	5	$300	
Gypsum Board	30%	Now	$1,300	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Stairwell All Floors								
Masonry: Brick	5%	Now	$2,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Around Fuel Fill In Basement								
Metal Panel	5%			LIFE	* *			
Plaster	5%			LIFE	* *	5	$200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	10%			LIFE	* *	5	$6,000	
Ceilings								
Exposed Struc: Steel	25%			LIFE	* *			
Gypsum Board	10%	Now	$600	LIFE	* *	5	$2,000	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : 2nd Floor Ceiling And Skylight								
Metal Panel	10%			LIFE	* *	5	$2,000	
Plaster	55%			LIFE	* *	5	$5,500	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2044	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$1,000	2047	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Sidewalk In Front Of Building								
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2047	* *			

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		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Switch Is Rated 400 Amperes. It Is In Good Condition.								
Raceway								
Conduit	70%			2034	$25,800	1		
Conduit	30%			2054	* *	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. 1/ HOOK AND 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								
Panelboards								
Molded Case Bkrs	100%			2050	* *	5	$300	
Wiring								
Thermoplastic	100%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2047	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$3,500	
Lighting								
Interior Lighting								
Fluorescent	2%			2034	$2,000	10	$200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : 3rd And 4th Corridors								
HID	1%			2034	$700	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 4th Floor								
Explanation : Mostly Pendant Fixtures								
LED	97%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Most Lighting Fixtures Were Replaced With LED Type Fixtures								
Egress Lighting								
Emergency, Battery	75%			2034	$14,300	10	$2,100	
Exit, LED	25%			2049	* *	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2044	* *	1	$4,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Outdoor								

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%			2054	* *	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. 1/ HOOK AND 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
Heating								
Conversion Equipment								
Furnace	50%			2034	$17,600	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	$3,200	
Hot Wtr Piping/Pump	50%			2042	* *	4	$300	
Terminal Devices								
Convector/Radiator	100%			2047	* *	1	$3,700	
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	99%	0-2	$94,200	2034	$188,400	2	$500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Roof. Unit Constantly Breaks Down								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Heating / Cooling Units R-22								
Window/Wall Unit	1%			2029	$400	1		
Distribution								
Ductwork/Diffusers	99%			LIFE	* *	2	$14,600	
No Component	1%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$49,700	LIFE	* *	2-5	$6,300	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Exhaust Fans								
Roof	80%			2039	* *	2	$300	
Wall Unit	20%			2039	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 1/ HOOK AND 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
Plumbing								
Water Heater With Tanks								
Gas Fired	50%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 72 Gallon Unit								
Gas Fired	50%			2033	$17,100	2		
Recent Replace Evident, Extent : N/A, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : One 72 Gallon Unit								
Sanitary Piping								
Cast Iron	100%	Now	$28,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Basement. Sewage Constatly Backing Up								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Reported That Main Drain Requires Monthly Cleaning. Reason For Require Cleaning Was Not Visible. 2nd Time Reported								
Storm Drain Piping								
Cast Iron	100%	2-4	$12,000	LIFE	* *	1		
Cracked, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Backflow Preventer								
Generic	100%			2039	* *	1	$700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2054	* *	1-2	$3,200	
Chemical System								
No Component	98%							
Generic	2%			2032	$1,200	1-10	$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.*

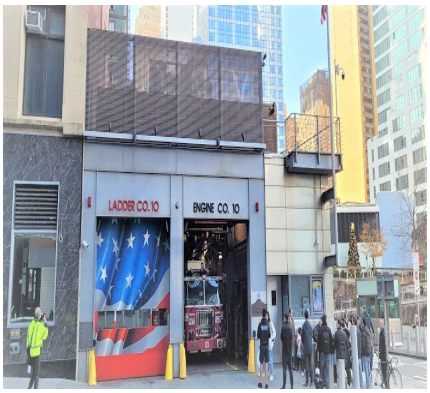
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 10**		
Address	: **124 LIBERTY STREET @ GREENWICH ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.010 / 13009**	**Yr Built/Renovated**	: **1981 / 2003**
Area Sq Ft	: **5,290**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **16-Nov-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **52** **Lot** : **22**	**BIN**	: **1075700**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$78,100	
Mechanical	$108,400	$118,200
Total	**$186,500**	**$118,200**
Importance Code A	$78,100	
Importance Code B	$108,400	$118,200
Total	**$186,500**	**$118,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$8,600	$2,000		$11,000
Interior Architecture	$25,800	$1,100	$400	$300
Electrical	$600	$3,100	$600	$600
Mechanical	$4,800	$7,500	$3,000	$109,200
Site Pavements	$3,000			
Total	**$42,800**	**$13,800**	**$4,000**	**$121,200**
Importance Code A	$8,600	$2,200		$11,000
Importance Code B	$13,500	$11,600	$4,000	$110,200
Importance Code C	$20,700			
Total	**$42,800**	**$13,800**	**$4,000**	**$121,200**



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. 10
Asset # : 13009

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								
Exposed Struc: Steel	2%			LIFE	* *	5	$1,600	
Masonry: Brick	75%	0-2	$78,100	LIFE	* *	5	$19,000	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Third Floor								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 5%								
Location : Bulkhead Windows								
Metal Panel	18%			2055	* *	5-10	$31,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Along Greenwich Street								
Explanation : Memorial Wall								
Wood Overhead Doors	5%	0-2	$1,800	2048	* *	5	$3,200	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Right Garage Door								
Windows								
Aluminum	95%	Now	$600	2051	* *	5	$300	
Hardware Missing, Extent : Severe, Area Affected : 2%								
Location : Second Floor Engine Office								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : House Watch								
Metal Louvers	5%			2044	* *	10	$200	
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$800	LIFE	* *	5	$700	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Main Roof								
Masonry: Brick	70%			LIFE	* *	5	$600	
Metal Rail	20%			2048	* *	5-10	$3,300	
Roof								
Modified Bitumen	80%	2-4	$5,400	2040	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Play Surface	20%			2040	* *	10	$2,400	
Soffits								
Stucco Cement	100%			2048	* *	5		
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	$7,500	
Ceramic Tile	10%			2044	* *	5	$900	
Quarry Tile	5%			2040	* *	5	$600	
Sheet Vinyl/Rubber	45%	Now	$5,100	2040	* *	5	$2,900	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 2%								
Location : Second Floor Corridor, Office And 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
ENGINE CO. 10
Asset # : 13009

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%	Now	$1,300	2044	* *	5	$600	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Second Floor Mens Toilet								
Concrete Masonry Unit	35%	Now	$19,400	LIFE	* *	5	$1,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Gypsum Board	15%			LIFE	* *	5	$1,100	
Metal Panel	5%			LIFE	* *			
SGFT/Glazed Masonry	20%			LIFE	* *			
Wood	15%			LIFE	* *	5	$7,100	
Ceilings								
AcousTileSusp.Lay-In	25%			2048	* *	5	$2,100	
Exposed Struc: Concrete	55%			LIFE	* *	5	$700	
Gypsum Board	10%			LIFE	* *	5	$1,100	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : House Watch And Second Floor Bunk								
Metal Panel	10%			LIFE	* *	5	$1,100	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$3,000	2048	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Sidewalk								
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			

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%			2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$100	
Raceway								
Conduit	100%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2051	* *	5		
Molded Case Bkrs	95%			2051	* *	5	$100	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	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
ENGINE CO. 10
Asset # : 13009

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	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$1,600	
Generators								
Diesel	100%			2038	* *	1	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 80 Kilovolt Ampere								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2050	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, LED	50%			2063	* *	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2040	* *	1	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Only								
Explanation : CCTV Surveillance Cameras								

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								
Utility Steam	100%			2045	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Steam Supplied By Con Edison.								
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2038	* *	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. 10
Asset # : 13009

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	10%	Now	$200	2045	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Steam Piping/Pump	90%			2045	* *			
Terminal Devices								
Convector/Radiator	80%	Now	$700	2040	* *	1	$1,200	
Not in Service, Extent : Moderate, Area Affected : 2%								
Location : House Watch								
Unit Heater - Hot Water	20%			2030	$6,300			
Controls								
Electrical	10%	0-2	$300	2030	$2,900			
Broken, Extent : Moderate, Area Affected : 5%								
Location : Thermostats, Apparatus Floor								
Electrical	90%			2030	$26,500			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2030	$11,600	2	$100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit, Roof								
Split Unit	40%			2030	$50,200			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 5 Units, Roof								
Window/Wall Unit	10%			2033	$2,000	1		
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	40%			2030	$45,200	1	$700	
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	60%			2030	$6,400	2	$2,200	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$2,100	
No Component	30%							
Exhaust Fans								
Roof	70%	Now	$700	2030	$7,200	2	$100	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Roof								
No Component	30%							
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. 10
Asset # : 13009

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	5%	Now	$300	2045	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Explanation : 2 Water Filters Clogged								
Brass/Copper	95%			2045	* *	1		
Water Heater With Tanks								
Electric	100%			2033	$118,200	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 120 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$200	4	$200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor Bathroom And 2nd Floor Truck Office Bathroom								
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 25 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 14**		
Address	: **14 EAST 18th STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.014 / 13010**	**Yr Built/Renovated**	: **1894 / 2000**
Area Sq Ft	: **5,106**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **14-Dec-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **846** **Lot** : **66**	**BIN**	: **1016141**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$156,400	
Total	**$156,400**	
Importance Code A	$156,400	
Total	**$156,400**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$46,500			$4,100
Interior Architecture	$81,200	$200	$800	$200
Electrical	$200	$200	$200	$200
Mechanical	$20,500	$700	$700	$40,700
Total	**$148,400**	**$1,100**	**$1,700**	**$45,200**
Importance Code A	$47,000	$500	$500	$4,600
Importance Code B	$92,600	$600	$600	$40,600
Importance Code C	$8,800		$600	
Total	**$148,400**	**$1,100**	**$1,700**	**$45,200**

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. 14
Asset # : 13010

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%			LIFE	* *	5	$12,300	
Masonry: Brick	65%			LIFE	* *	5	$10,200	
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Front Facade								
Masonry: Granite	5%			LIFE	* *	5	$600	
Masonry: Limestone	10%			LIFE	* *	5	$1,200	
Wood Overhead Doors	10%			2040	* *	5	$7,900	
Windows								
Wood	100%	Now	$87,400	2060	* *	5	$10,900	1
Misaligned/Bulging, Extent : Severe, Area Affected : 100%								
Location : Hosetower								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Front Facade								
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Front Facade								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	30%			LIFE	* *	5	$1,400	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Front Facade								
Explanation : Stone Terra Cotta Cornice								
Masonry: Brick	55%	0-2	$800	LIFE	* *	5	$300	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Metal Panel	15%			2045	* *	5	$300	
Roof								
Asphalt Shingle	10%			2044	* *	10	$100	
Modified Bitumen	85%	Now	$45,600	2045	* *			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Raised Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Third Floor								
Skylight, Metal/Glass	5%	Now	$69,000	2065	* *			
Deteriorated Finish, Extent : Severe, Area Affected : 10%								
Location : Roof								
Thermally Inefficient, Extent : Severe, Area Affected : 75%								
Location : Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Skylight								
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. 14
Asset # : 13010

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	$16,800	LIFE	* *	5	$8,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%			2044	* *	5	$400	
Vinyl Tile	20%	Now	$14,600	2035	$48,600	3	$700	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Second Floor, Bunk Rooms								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Second Floor								
Worn/Erode, Extent : Severe, Area Affected : 25%								
Location : Second Floor								
Wood	20%	Now	$10,500	2050	* *	5	$1,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Third Floor								
Split/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Third Floor								
Under Construction	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Old Kitchen								
Explanation : Under Construction								
Interior Walls								
Ceramic Tile	10%			2044	* *	5	$1,200	
Masonry: Brick	15%			LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Basement								
Plaster	60%	Now	$8,800	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : East Side And Roof Hatch								
Wood	10%			LIFE	* *	5	$4,800	
Under Construction	5%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : First Floor Old Kitchen								
Explanation : Under Construction								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 14
Asset # : 13010

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%			2048	* *	5	$400	
Embossed Metal	65%	Now	$30,100	LIFE	* *	5	$2,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor And Third Floor								
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Third Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Third Floor								
Exposed Struc: Concrete	20%			LIFE	* *	5	$300	
Gypsum Board	5%	Now	$400	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Attic Ceiling Due To Roof Leaks								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Attic								
Under Construction	5%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : First Floor Old Kitchen								
Explanation : Under Construction								
Site Enclosure								
Free Standing Walls								
Cast in Place Concrete	100%			2070	* *			
Retaining Walls								
Masonry: Brick	100%			2045	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
Activity Yard								
Cast in Place Concrete	100%			2048	* *			

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%			2055	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Raceway								
Conduit	95%			2055	* *	1		
Under Construction	5%							
Panelboards								
Fused Disc Sw	5%			2043	* *	5		
Molded Case Bkrs	90%			2051	* *	5	$100	
Under Construction	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
ENGINE CO. 14
Asset # : 13010

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	95%			2055	* *	1		
Under Construction	5%							
Motor Controllers								
Locally Mounted	100%			2040	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
LED	95%			2043	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Under Construction	5%							
Egress Lighting								
Emergency, Battery	85%			2043	* *	10	$1,000	
Exit, Battery	10%			2035	$700	10		
Under Construction	5%							
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor								
Explanation : Cameras Security System Only								

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%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$5,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2045	* *			
Terminal Devices								
Convector/Radiator	100%			2040	* *	1	$1,700	
Controls								
Electrical	100%			2030	$28,400			
Air Conditioning								

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. 14
Asset # : 13010

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%			2043	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$2,300	2030	$11,600	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$300	
No Component	90%							
Exhaust Fans								
Roof	10%	Now	$400	2035	$1,000	2		
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : 1 Unit, Roof								
Wall Unit	10%	Now	$800	2045	* *	2		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : On Extended Life Time And Noisy								
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$3,400	2033	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Only One 75 Gallon Unit. One Reserve Unit Needed.								
Sanitary Piping								
Cast Iron	100%	Now	$12,900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 25%								
Location : Water Backups To Entire Basement And Second Floor Front Bathroom.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Kitchen								
Explanation : Entire Kitchen Is Under Renovation.								

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.
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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 15/ LADDER CO.18 (COMBINED FACILITY)**		
Address	: **25 PITT STREET @ DELANCEY ST**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.015 / 13013**	**Yr Built/Renovated**	: **1973 / 1988**
Area Sq Ft	: **14,780**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **13-Feb-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **342** **Lot** : **60**	**BIN**	: **1004078**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$94,600	
Interior Architecture		$315,700
Mechanical	$58,100	$298,600
Total	**$152,800**	**$614,200**
Importance Code A	$94,600	
Importance Code B	$58,100	$614,200
Total	**$152,800**	**$614,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$24,300		$700	
Interior Architecture	$50,700		$900	$2,000
Electrical	$900	$600	$600	$700
Mechanical	$15,200	$3,800	$4,500	$3,500
Site Pavements	$29,900			
Total	**$121,000**	**$4,300**	**$6,700**	**$6,200**
Importance Code A	$24,300		$700	
Importance Code B	$78,800	$4,300	$6,000	$6,200
Importance Code C	$17,900			
Total	**$121,000**	**$4,300**	**$6,700**	**$6,200**

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. 15/ 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	$16,200	
Metal Panel	2%			2056	* *	5-10	$1,200	
Metal Coiling Doors	5%			2049	* *	5	$1,400	
Windows								
Steel	100%	Now	$94,600	2061	* *	5	$13,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Deteriorated								
Parapets								
Masonry: Brick	88%	0-2	$13,100	LIFE	* *	5	$5,200	
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Parapet Wall								
Metal Panel	10%	4+	$2,400	2056	* *	5	$1,100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Front Facade								
Pre-cast Concrete	2%			LIFE	* *	5	$1,500	
Roof								
Modified Bitumen	100%			2041	* *	10	$16,500	
Soffits								
Stucco Cement	100%			2049	* *	5		
Interior								
Floors								
Cast in Place Concrete	40%	Now	$15,600	LIFE	* *	5	$20,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : First Floor, Apparatus Floor								
Ceramic Tile	5%			2045	* *	5	$1,100	
Quarry Tile	5%			2049	* *	5	$1,700	
Vinyl Tile	50%	Now	$6,300	2036	$315,700	3	$4,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Second Floor								
Interior Walls								
Ceramic Tile	5%	4+	$1,600	2045	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Toilet Room								
Concrete Masonry Unit	45%			LIFE	* *	5	$10,300	
Gypsum Board	15%	2-4	$1,200	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Second Floor								
Plaster	15%	2-4	$5,200	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Second Floor And Stairwell								
SGFT/Glazed Masonry	20%			LIFE	* *	10	$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. 15/ 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%	4+	$5,300	2041	* *	5	$8,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$7,100	
Plaster	5%			LIFE	* *	5-10	$2,000	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$28,000	2049	* *			
Tripping Hazard, Extent : Severe, Area Affected : 5%								
Location : Delancy And Pitt Street								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$1,900	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Apron								

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 : N/A, Area Affected : 0%								
Location :								
Explanation : Electrically Feed From The Adjacent Police Precinct								
Switchgear / Switchboard								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Electrically Feed From The Adjacent Police Precinct								
Raceway								
Conduit	20%			2046	* *	1		
Conduit	80%			2036	$29,500	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	15%			2044	* *	5	$100	
Molded Case Bkrs	80%			2035	$39,700	5	$300	
Wiring								
Thermoplastic	20%			2046	* *	1		
Thermoplastic	80%			2036	$26,600	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5	$100	
Ground								

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

FIRE DEPARTMENT - 057

ENGINE CO. 15/ 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
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Lighting								
Interior Lighting								
LED	100%			2044	* *			
Egress Lighting								
Exit, Service	100%			2031	$6,400	1		
Exterior Lighting								
Fluorescent	10%			2031	$5,900	10	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front And Rear								
Explanation : Compact Fluorescent Lights								
No Component	90%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$5,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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								
Hot Wtr Piping/Pump	100%			2035	$32,300	4	$1,100	
Terminal Devices								
Convector/Radiator	90%			2034	$108,800	1	$4,300	
Unit Heater - Hot Water	10%			2036	$8,800			
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	50%			2031	$28,000	1		
No Component	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : Supplied By Building								
Terminal Devices								
Not Accessible	100%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$13,100	
Exhaust Fans								
Interior	30%			2031	$19,700	2	$100	
Roof	30%			2031	$8,600	2	$100	
Wall Unit	40%			2036	$2,500	2	$200	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 15/ 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
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	$189,800	1		
Water Heater With Tanks								
Electric	100%			2034	$47,300	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor - Closet								
Explanation : One Unit, 18kwt 119 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Garage								
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$7,500	
Sprinkler								
No Component	50%							
Generic	50%			2046	* *	1-2	$2,100	
Fire Pump								
Not Accessible	100%							
Chemical System								
Dry	100%			2029	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : One 30 Square Foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 151/ LADDER CO. 76**		
Address	: **7219 AMBOY ROAD**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.151 / 13081**	**Yr Built/Renovated**	: **1929 /**
Area Sq Ft	: **7,012**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **10-Apr-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **8040** **Lot** : **10**	**BIN**	: **5089056**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$101,500
Total		**$101,500**
Importance Code B		$101,500
Total		**$101,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$48,200	$5,500		
Interior Architecture	$115,300		$200	$1,200
Electrical	$800	$800	$3,300	$37,900
Mechanical	$6,200	$40,000	$1,000	$15,200
Site Enclosure	$9,000			
Site Pavements	$300			
Total	**$179,700**	**$46,300**	**$4,600**	**$54,300**
Importance Code A	$48,900	$6,200	$700	$700
Importance Code B	$115,500	$40,100	$3,800	$53,600
Importance Code C	$15,300		$100	
Total	**$179,700**	**$46,300**	**$4,600**	**$54,300**

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. 151/ LADDER CO. 76
Asset # : 13081

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	$8,900	
Masonry: Brick	70%	Now	$26,300	LIFE	* *	5	$16,000	
Painted Surfaces, Extent : Light, Area Affected : 75%								
Location : Sides And Rear Of Building								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Hose Tower Along Driveway								
Masonry: Granite	5%			LIFE	* *	5	$900	
Metal Sect. OHD	15%			2048	* *	5	$10,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Elevation								
Explanation : Apparatus Overhead Door Replaced With Fiberglass Doors								
Stucco Cement	5%	Now	$3,200	2040	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkhead And Hose Tower								
Windows								
Aluminum	100%	Now	$4,600	2043	* *	5	$1,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$4,300	
Masonry: Brick	80%	0-2	$14,000	LIFE	* *	5	$2,200	
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Roof								
Asphalt Shingle	8%			2038	* *	10	$100	
Modified Bitumen	90%			2043	* *	10	$9,500	
Skylight, Metal/Glass	2%			2055	* *	10	$700	
Interior								
Floors								
Cast in Place Concrete	50%	Now	$44,600	LIFE	* *	5	$11,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Roof Bulkhead Landing And Apparatus Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	3%			2044	* *	5	$300	
Quarry Tile	10%			2040	* *	5	$1,600	
Terrazzo	2%			LIFE	* *	5	$200	
Vinyl Tile	35%	0-2	$20,300	2035	$101,500	3	$1,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout 2nd 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. 151/ LADDER CO. 76
Asset # : 13081

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								
Cast in Place Concrete	10%	Now	$10,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Ceramic Tile	1%			2044	* *	5	$100	
Masonry: Brick	10%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	30%	Now	$4,900	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stairwell And Hose Tower Bulkhead								
Deteriorated Finish, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor Bathroom Areas								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Stairwell And Hose Tower Bulkhead								
SGFT/Glazed Masonry	44%			LIFE	* *			
Wood	2%			LIFE	* *	5	$1,100	
Ceilings								
AcousTileSusp.Lay-In	10%	4+	$300	2040	* *	5	$500	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Exposed Struc: Steel	60%	Now	$30,300	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Under Right Apparatus Floor Drain								
Plaster	30%	Now	$4,800	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Bunkroom And Bathroom								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2045	* *			
Retaining Walls								
Concrete Masonry Unit	100%	Now	$9,000	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Rear And Side Retaining Walls								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side And Rear Retaining Walls								
Explanation : Stucco Coating Cracked And Crumbling								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$300	2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rear Steps								

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

FIRE DEPARTMENT - 057
ENGINE CO. 151/ LADDER CO. 76
Asset # : 13081

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%			2040	* *			

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%			2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 200 Ampere								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$200	
Raceway								
Conduit	75%			2055	* *	1		
Conduit	25%			2035	$9,200	1		
Panelboards								
Fused Disc Sw	50%			2051	* *	5	$100	
Molded Case Bkrs	25%			2043	* *	5		
Molded Case Bkrs	25%			2051	* *	5		
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Overhead Door Operators								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$2,200	
Generators								
Diesel	100%			2044	* *	1	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor								
Explanation : 75 Kilovolt Amperes, 60 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$300	
Fuel Storage								
Main Tank	100%			2063	* *	5		
Lighting								

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

FIRE DEPARTMENT - 057
ENGINE CO. 151/ LADDER CO. 76
Asset # : 13081

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%			2030	$33,500	10	$3,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	45%			2043	* *			
Egress Lighting								
Emergency, Service	100%			2043	* *	1		
Exterior Lighting								
LED	20%			2043	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Truck Entrance Door								
Explanation : Installed To Illuminate Large Entrance Door								
No Component	80%							
Alarm								
Security System								
Generic	100%			2035	$13,200	1	$2,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior Only								
Explanation : CCTV 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								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2040	* *	1	$6,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2045	* *			
Terminal Devices								
Convector/Radiator	100%			2040	* *	1	$2,300	
Controls								
Electrical	100%			2028	$39,000			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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FIRE DEPARTMENT - 057
ENGINE CO. 151/ LADDER CO. 76
Asset # : 13081

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%			2035	$16,700			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Serves 1st Floor Office								
Window/Wall Unit	50%			2030	$13,300	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$400	
No Component	90%							
Exhaust Fans								
Roof	10%			2040	* *	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Kitchen Hood Exhaust								
Wall Unit	30%			2030	$900	2	$100	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%	0-2	$3,600	2045	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Galvanized Steel	20%			2033	$17,900	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cellar								
Explanation : Two 75 Gallon Heaters								
Sanitary Piping								
Cast Iron	30%	Now	$1,300	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Water Backs Up Through Floor Drains In Apparatus Floor								
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Backflow Preventer								
Generic	100%			2035	$3,100	1	$400	
Fixtures								
Generic	100%							
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : On Extended Life Time Units								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 06-Oct-2025

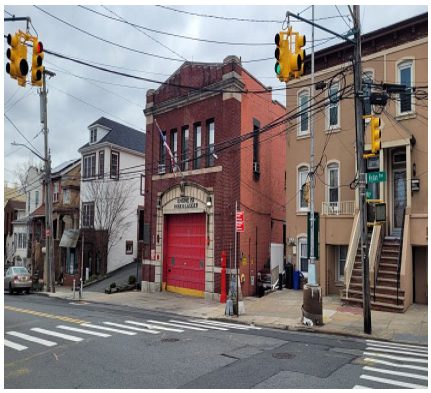
FIRE DEPARTMENT - FY 2026

Asset Name : **ENGINE CO. 152**
Address : **256 HYLAN BOULEVARD**
Borough : **STATEN ISLAND**
Program / Asset # : **FIRSECO.152 / 13082**
Area Sq Ft : **6,128**
Date of Survey : **07-Mar-2024**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **2856** **Lot** : **15**

Agency's Number : **N/A**
Yr Built/Renovated : **1930 /**
Project Type : **FIRE DEPARTMENT**
Landmark Status : **NONE**
BIN : **5042846**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$83,300
Interior Architecture	$1,008,600	$88,700
Electrical	$53,200	
Mechanical	$58,100	$390,600
Total	**$1,119,900**	**$562,600**
Importance Code A		$83,300
Importance Code B	$1,119,900	$479,300
Total	**$1,119,900**	**$562,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$23,500			$2,600
Interior Architecture	$41,400	$800		$700
Electrical	$2,700	$3,800	$700	$21,600
Mechanical	$21,600	$7,600	$3,400	$50,300
Site Enclosure	$13,000			
Site Pavements	$3,800			
Total	**$106,000**	**$12,200**	**$4,100**	**$75,200**
Importance Code A	$24,100	$600	$600	$3,200
Importance Code B	$52,000	$11,000	$3,500	$72,000
Importance Code C	$30,000	$600		
Total	**$106,000**	**$12,200**	**$4,100**	**$75,200**



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. 152
Asset # : 13082

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%			2055	* *	10	$100	
Masonry: Brick	78%			LIFE	* *	5	$16,300	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : South, East And West Elevations								
Painted Surfaces, Extent : Light, Area Affected : 80%								
Location : South, East And West Elevations								
Masonry: Granite	3%			LIFE	* *	5	$500	
Masonry: Limestone	7%	2-4	$11,600	LIFE	* *	5	$1,100	
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Jamb At Overhead Doors								
Masonry: Sandstone	5%			LIFE	* *	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Window Lintels								
Explanation : This Is Actually Bluestone								
Wood Overhead Doors	5%			2040	* *	5	$5,200	
Windows								
Aluminum	100%	0-2	$4,100	2043	* *	5	$900	
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Perimeter Sealant At All Windows								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$2,100	
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	20%			LIFE	* *	5	$700	
Roof								
Asphalt Shingle	7%	Now	$200	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Modified Bitumen	90%	4+	$4,200	2035	$83,300			
Alligatoring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Ponding, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Skylight, Metal/Glass	3%	Now	$3,600	2045	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bathroom Skylight								
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. 152
Asset # : 13082

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	$390,100	LIFE	* *	5	$10,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Main Entrance And Apparatus Floor								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Basement, Cellar Stairs								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Floor Is Currently Shored By Steel Columns, Columns Heavily Corroded								
Ceramic Tile	5%			2038	* *	5	$500	
Quarry Tile	5%			2040	* *	5	$700	
Terrazzo	5%	Now	$900	LIFE	* *	5	$400	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Office Space By Entrance								
Vinyl Tile	35%	Now	$8,900	2035	$88,700	3	$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor								
Loose/Delam Surface, Extent : Moderate, Area Affected : 30%								
Location : Vinyl Base								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	25%	Now	$22,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Diagonal Cracks At North And West Foundation								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Rear Basement								
Ceramic Tile	10%			2038	* *	5	$1,200	
Gypsum Board	5%			LIFE	* *	5	$400	
Marble Panels	5%			LIFE	* *			
Plaster	25%	Now	$3,600	LIFE	* *	5	$900	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	5%			LIFE	* *	5	$2,400	

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FIRE DEPARTMENT - 057
ENGINE CO. 152
Asset # : 13082

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	20%	Now	$600	2048	* *	5	$900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Kitchen								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Exposed Struc: Concrete	45%	Now	$618,500	LIFE	* *	5	$600	
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Cellar								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Cellar								
Explanation : Apparatus Floor Is Shored With Steel Columns, Columns Are Heavily Corroded								
Plaster	35%	Now	$4,900	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Around Skylight								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2045	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$13,000	2055	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Adjacent Drive Way								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$2,100	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Pavement Located Adjacent To Generator								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$1,700	2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Northwest Corner 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

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FIRE DEPARTMENT - 057
ENGINE CO. 152
Asset # : 13082

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%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Service 200 Ampere								
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5		
Raceway								
Conduit	95%			2035	$35,000	1		
Conduit	5%			2045	* *	1		
Panelboards								
Molded Case Bkrs	75%			2034	$37,200	5		$100
Molded Case Bkrs	25%			2051	* *	5		
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Motor Controller For Overhead Door								
Ground								
Grounding Devices								
Generic	100%	0-2	$2,100	LIFE	* *	5		$100
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1		$1,900
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Rating Not Visible								
Generators								
Diesel	100%			2038	* *	1		$2,400
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Side Yard								
Explanation : Rated At 40 Kilovolt Ampere								
Batteries								
Nickel Cadmium	100%			2028	$2,500	5		$1,400
Fuel Storage								
Day Tank	100%			2043	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Side Yard								
Explanation : 50 Gallon Capacity								
Lighting								

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FIRE DEPARTMENT - 057
ENGINE CO. 152
Asset # : 13082

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%			2030	$53,200	10	$5,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Egress Lighting								
Emergency, Service	100%			2030	$3,800	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2030	$11,500	1	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior								
Explanation : CCTV 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								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$6,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	10%	Now	$2,900	2035	$4,900			
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Steam Piping/Pump	90%			2035	$44,200			
Terminal Devices								
Convector/Radiator	100%			2033	$50,100	1	$2,000	
Controls								
Electrical	100%			2030	$34,100			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2030	$11,600	1		
No Component	50%							
Dehumidifier								
Generic	100%			2033	$340,500			

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FIRE DEPARTMENT - 057
ENGINE CO. 152
Asset # : 13082

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	10%			LIFE	* *	2-5	$300	
No Component	90%							
Exhaust Fans								
Roof	10%			2035	$1,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Kitchen Exhaust								
Wall Unit	50%	4+	$800	2030	$1,300	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor And Basement								
Explanation : 2 Units, On Extended Life Time								
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2045	* *	1		
Galvanized Steel	30%	Now	$4,700	2033	$23,500	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Mens Bathroom								
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Water Heaters								
Sanitary Piping								
Cast Iron	100%	2-4	$7,700	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	2-4	$2,200	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Sump Pump(s)								
Submersible	100%			2028	$200	4	$200	
Fixtures								
Generic	30%							
Obsolete Fixtures, Extent : Light, Area Affected : 30%								
Location : 2nd Floor								
Generic	70%							
Fire Suppression								

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FIRE DEPARTMENT - 057
ENGINE CO. 152
Asset # : 13082

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%			2028	$58,100	1-10	$29,000	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : Covers 25 Square Feet							

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 153/ LADDER CO. 77**		
Address	: **74 BROAD STREET**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.153 / 13083**	**Yr Built/Renovated**	: **1915 / 2003**
Area Sq Ft	: **9,504**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **16-May-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **529** **Lot** : **9**	**BIN**	: **5013836**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$175,400	
Electrical	$20,600	$61,900
Mechanical	$52,800	$77,700
Total	**$248,800**	**$139,600**
Importance Code B	$248,800	$139,600
Total	**$248,800**	**$139,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$23,700			$800
Interior Architecture	$7,900			
Electrical	$3,900	$200		$3,500
Mechanical	$3,100	$1,300	$1,500	$44,600
Site Enclosure	$19,000			
Site Pavements	$3,900			
Total	**$61,400**	**$1,500**	**$1,500**	**$48,900**
Importance Code A	$24,600	$900	$900	$1,800
Importance Code B	$15,500	$500	$500	$47,100
Importance Code C	$21,300			
Total	**$61,400**	**$1,500**	**$1,500**	**$48,900**

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FIRE DEPARTMENT - 057
ENGINE CO. 153/ LADDER CO. 77
Asset # : 13083

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	$17,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkhead								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Front Facade								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 30%								
Location : Rusted Relieving Angles At Windows								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : East Facade, West Facade								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Bunk Room West Wall								
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Granite	5%	4+	$7,000	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Chipped Corners At Overhead Doors								
Masonry: Limestone	10%			LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Entrance								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 75%								
Location : Cornice And Window Sill At Entry Facade								
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Front Facade								
Metal Sect. OHD	10%			2052	* *	5	$7,400	
Windows								
Aluminum	100%			2060	* *	5	$1,600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$13,000	LIFE	* *	5	$2,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Terra Cotta Copings Are Broken								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 100%								
Location : Deteriorated Mortar Joints At Coping Units, Various Locations								
Masonry: Brick	90%			LIFE	* *	5	$3,200	
Roof								
Modified Bitumen	95%			2045	* *	10	$11,800	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Roof								
Skylight, Metal/Glass	3%			2055	* *	10	$1,200	
Skylight, Metal/Glass	2%			2065	* *	10	$800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof Skylight								

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FIRE DEPARTMENT - 057
ENGINE CO. 153/ LADDER CO. 77
Asset # : 13083

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%	Now	$7,900	LIFE	* *	5	$10,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Apparatus Floor								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Basement Towards Front Of Building								
Terrazzo	5%			LIFE	* *	5	$500	
Under Construction	60%							
Interior Walls								
Cast in Place Concrete	30%			LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : North Foundation Wall								
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : North Foundation Wall								
Masonry: Brick	30%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Repair In Progress								
Under Construction	40%							
Ceilings								
Exposed Struc: Steel	55%	Now	$175,400	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 75%								
Location : Steel In Cellar Near North Foundation Wall Is Deteriorating								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : 1st Floor Framing Near North Foundation Wall								
Explanation : Missing Fireproofing								
Under Construction	45%							
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%	Now	$19,000	2045	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Perimeter Wall In Rear Yard								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Perimeter Wall In Rear Yard								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Perimeter Wall In Rear Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$1,600	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Sidewalk								

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FIRE DEPARTMENT - 057
ENGINE CO. 153/ LADDER CO. 77
Asset # : 13083

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								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$1,600	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Side Yard								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$700	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Overhead Door Apron								

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%			2055	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 400 Ampere Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$300	
Raceway								
Conduit	90%			2055	* *	1		
Conduit	10%	0-2	$1,800	2045	* *	1		
Corroded, Extent : Light, Area Affected : 100%								
Location : Excessive Corrosion In Basement								
Panelboards								
Molded Case Bkrs	100%			2043	* *	5	$300	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor								
Explanation : Motorized Door Operators Garage Doors								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	75%			2035	$61,900	10	$6,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	25%			2030	$20,600	10	$2,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Second Floor								

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FIRE DEPARTMENT - 057
ENGINE CO. 153/ LADDER CO. 77
Asset # : 13083

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%			2040	* *	10	$1,100	
Exit, Battery	50%	Now	$2,000	2045	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2061	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Renovation Of Entire Building Is In Progress								
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$9,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit, 2016 Installation								
Distribution								
Steam Piping/Pump	5%	0-2	$400	2061	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Steam Piping/Pump	95%			2061	* *			
Terminal Devices								
Convector/Radiator	100%			2033	$77,700	1	$3,100	
Controls								
Electrical	100%			2030	$52,800			
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2030	$25,200	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,100	
No Component	80%							

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FIRE DEPARTMENT - 057
ENGINE CO. 153/ LADDER CO. 77
Asset # : 13083

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	20%	Now	$400	2035	$3,700	2		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Bathroom Exhaust Fans On Roof								
Wall Unit	25%			2030	$1,000	2	$100	
No Component	55%							
Plumbing								
H/C Water Piping								
Brass/Copper	5%	0-2	$600	2045	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Brass/Copper	95%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Water Heater. Additional Unit Needed.								
Sanitary Piping								
Under Construction	100%							
Storm Drain Piping								
Under Construction	100%							
Sump Pump(s)								
Submersible	100%			2027	$300	4	$300	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Ground Water Continuously Flows Into Pit. Sump Pumps Are Constantly Running.								
Backflow Preventer								
Generic	100%			2035	$4,200	1	$600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : 1st Floor								
Explanation : Main Water Service								
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.*

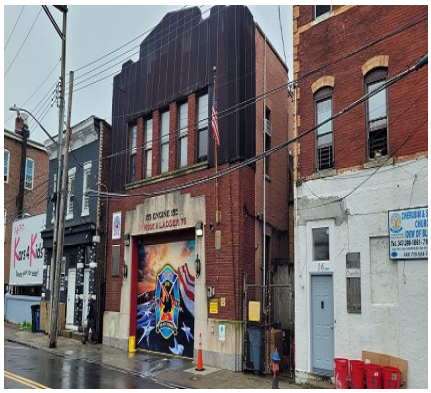
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 155/ LADDER CO. 78**		
Address	: **14 BRIGHTON AVENUE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.155 / 13085**	**Yr Built/Renovated**	: **1931 / 2004**
Area Sq Ft	: **6,108**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **15-May-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **103** **Lot** : **20**	**BIN**	: **5002472**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$332,200	
Mechanical	$58,100	
Site Pavements	$66,200	
Total	**$456,600**	
Importance Code A	$332,200	
Importance Code B	$58,100	
Importance Code C	$66,200	
Total	**$456,600**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$100,400			
Interior Architecture	$10,100	$600	$900	
Electrical	$200	$200	$300	$46,900
Mechanical	$12,600	$3,000	$3,100	$48,500
Site Enclosure	$4,900			
Site Pavements	$11,000			
Total	**$139,200**	**$3,800**	**$4,200**	**$95,400**
Importance Code A	$100,800	$300	$300	$300
Importance Code B	$20,200	$3,500	$3,300	$95,100
Importance Code C	$18,200		$600	
Total	**$139,200**	**$3,800**	**$4,200**	**$95,400**



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. 155/ LADDER CO. 78
Asset # : 13085

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	$21,900	2045	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : South Elevation								
Glass Block	5%			LIFE	* *	5	$900	
Masonry: Brick	50%	Now	$114,400	LIFE	* *	5	$13,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Window Lintels On North Elevation								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Above Second Floor Windows								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : North Elevation								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : South, East And West Elevations								
Painted Surfaces, Extent : Moderate, Area Affected : 80%								
Location : South, East And West Elevations								
Masonry: Granite	2%			LIFE	* *	5	$400	
Masonry: Limestone	10%	Now	$21,900	LIFE	* *	5	$2,100	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : Front Facade								
Metal Sect. OHD	10%			2052	* *	5	$8,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Overhead Door								
Explanation : Fiberglass Door								
Slate Panels	3%	Now	$25,900	LIFE	* *	5	$600	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Window Headers								
Spalling, Extent : Moderate, Area Affected : 50%								
Location : Window Headers								
Windows								
Aluminum	85%	Now	$75,200	2060	* *	5	$800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Roof Hatch Area								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Various 2nd Floor Windows								
Wood	15%			2051	* *	5	$2,800	

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

FIRE DEPARTMENT - 057
ENGINE CO. 155/ LADDER CO. 78
Asset # : 13085

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								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$2,900	
Masonry: Brick	75%	Now	$53,100	LIFE	* *	5	$1,400	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Front Facade Parapet								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Front Facade Parapet								
Explanation : Mesh Wrapping Installed Due To Parapet Debris And Movement								
Masonry: Limestone	5%	Now	$11,600	LIFE	* *	5	$100	1
Misaligned/Bulging, Extent : Severe, Area Affected : 100%								
Location : Front Facade Parapet								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Front Facade Parapet								
Explanation : Mesh Wrapping Installed Due To Parapet Debris And Movement								
Roof								
Asphalt Shingle	10%			2044	* *	10	$200	
Modified Bitumen	90%	Now	$89,600	2045	* *			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Roof Corners								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Engine Office								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout Main Roof								
Soffits								
Alum/Vinyl Siding	100%	Now	$14,900	2055	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Shed Roofs At Rear Of Building								
Interior								
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	$12,000	
Ceramic Tile	5%			2044	* *	5	$500	
Quarry Tile	3%			2048	* *	5	$400	
Vinyl Tile	32%			2040	* *	3	$1,100	

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. 155/ LADDER CO. 78
Asset # : 13085

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								
Cast in Place Concrete	15%	Now	$7,200	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Stairs								
Ceramic Tile	10%			2044	* *	5	$1,300	
Gypsum Board	10%			LIFE	* *	5	$800	
Plaster	40%	Now	$2,400	LIFE	* *	5	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Roof Scuttle Area								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	15%	Now	$500	2048	* *	5	$700	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Exposed Struc: Concrete	30%			LIFE	* *	5	$400	
Exposed Struc: Steel	10%			LIFE	* *			
Exposed Struc: Wood	15%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Shed Areas On First Floor								
Explanation : Underside Of Shed Additions								
Plaster	30%			LIFE	* *	5	$1,700	
Site Enclosure								
Fence/Gates								
Chain Link	100%	2-4	$4,900	2045	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Gates At North Elevations								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$7,300	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Apron								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$3,700	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Ramp And Steps								
Parking/Driveway								
Asphalt	100%	Now	$66,200	2038	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Rear Parking Lot								
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Rear Parking Lot								
Potholes, Extent : Moderate, Area Affected : 10%								
Location : Rear Parking Lot								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 155/ LADDER CO. 78
Asset # : 13085

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%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electrical Section								
Explanation : 200 Amperes								
Raceway								
Conduit	100%			2035	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2043	* *	5		
Molded Case Bkrs	95%			2034	$47,100	5	$200	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Water Service								
Explanation : Ground Connected To The Water Main Pipe								
Lighting								
Interior Lighting								
Fluorescent	60%			2030	$31,800	10	$3,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	40%			2043	* *			
Egress Lighting								
Emergency, Battery	100%			2043	* *	10	$1,500	
Exterior Lighting								
LED	100%			2043	* *			
Alarm								
Security System								
Generic	100%			2030	$11,500	1	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outdoor								
Explanation : CCTV 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								
Natural Gas	100%			2045	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 155/ LADDER CO. 78
Asset # : 13085

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%			2048	* *	1	$3,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	95%			2043	* *	4	$400	
Steam Piping/Pump	5%	0-2	$500	2045	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Terminal Devices								
Convector/Radiator	100%			2040	* *	1	$2,000	
Controls								
Electrical	100%			2030	$34,000			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$5,800	2030	$11,600	1		
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$300	
No Component	90%							
Exhaust Fans								
Roof	10%			2040	* *	2		
Wall Unit	30%	Now	$200	2035	$800	2		
Other Observation, Extent : Light, Area Affected : 30%								
Location : Apparatus Floor And 2nd Floor								
Explanation : Cover And Exterior Grill Missing								
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	95%			2045	* *	1		
Brass/Copper	5%	0-2	$800	2045	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 70%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	50%	0-2	$2,600	2033	$8,500	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Only One 75 Gallon Water Heater. Additional Unit Needed.								
Gas Fired	50%			2033	$8,500	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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FIRE DEPARTMENT - 057
ENGINE CO. 155/ LADDER CO. 78
Asset # : 13085

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	10%	Now	$800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Bathroom								
Fire Suppression								
Chemical System								
Generic	100%	Now	$1,200	2030	$58,100	1	$22,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Explanation : Serves To Protect Kitchen Cooking Range 20 Square Feet. But It Never Has Been Connected Yet.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 156**		
Address	: **412 BROADWAY NEAR DELAFIELD AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.156 / 13086**	**Yr Built/Renovated**	: **1909 / 2001**
Area Sq Ft	: **4,354**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **31-May-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **217** **Lot** : **50**	**BIN**	: **5005815**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$73,500	
Mechanical	$58,100	
Total	**$131,700**	
Importance Code A	$73,500	
Importance Code B	$58,100	
Total	**$131,700**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$26,500			$6,000
Interior Architecture	$34,000	$3,500	$400	
Electrical	$10,700	$200	$200	$4,400
Mechanical	$9,700	$27,300	$3,100	$46,200
Total	**$80,900**	**$30,900**	**$3,700**	**$56,500**
Importance Code A	$27,000	$400	$400	$6,400
Importance Code B	$20,100	$30,500	$3,000	$50,100
Importance Code C	$33,900		$300	
Total	**$80,900**	**$30,900**	**$3,700**	**$56,500**

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. 156
Asset # : 13086

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	5%			2045	* *	10	$400	
Masonry: Brick	75%	Now	$73,500	LIFE	* *	5	$17,900	
Painted Surfaces, Extent : Light, Area Affected : 80%								
Location : North, South And West Elevations								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : West Elevations								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Office And Bunk Room								
Masonry: Limestone	10%	Now	$18,800	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Apparatus Entrance								
Wood Overhead Doors	10%			2040	* *	5	$11,900	
Windows								
Aluminum	100%			2051	* *	5	$1,000	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$1,400	
Masonry: Brick	85%	0-2	$3,800	LIFE	* *	5	$1,500	
Painted Surfaces, Extent : Light, Area Affected : 80%								
Location : North, South And West Elevations								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : South Elevation								
Masonry: Limestone	5%	Now	$300	LIFE	* *	5	$100	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Front Parapet								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Front Parapet								
Roof								
Modified Bitumen	95%	Now	$2,400	2040	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor								
Skylight, Metal/Glass	5%	Now	$1,300	2045	* *			
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Roof Skylight								
Not Insulated, Extent : Light, Area Affected : 100%								
Location : Skylight Is Not Thermally Broken								
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	$7,300	
Ceramic Tile	5%			2044	* *	5	$400	
Wood	50%			2038	* *	5	$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. 156
Asset # : 13086

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								
Cast in Place Concrete	20%	Now	$7,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Before Electric Panel								
Ceramic Tile	5%			2044	* *	5	$500	
Gypsum Board	35%			LIFE	* *	5	$2,100	
Masonry: Brick	25%	Now	$24,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement And Behind Electric Panel								
Plaster	15%	Now	$1,900	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Third Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Bunkroom								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$100	2048	* *	5	$200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Embossed Metal	70%			LIFE	* *	5	$2,300	
Exposed Struc: Steel	25%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Chain Link	100%			2045	* *			
Retaining Walls								
Cast in Place Concrete	100%			2055	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 50%								
Location : Rear Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2040	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2040	* *			

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%			2045	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	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
ENGINE CO. 156
Asset # : 13086

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%			2055	* *	1		
Panelboards								
Molded Case Bkrs	100%	2-4	$2,500	2043	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Bunk Room								
Explanation : Circuit Breakers Serving Air conditioners Trip								
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Beside Fuel Tank								
Explanation : Main Water Pipe Is Grounded								
Lighting								
Interior Lighting								
Fluorescent	90%			2035	$34,000	10	$3,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	10%			2043	* *			
Egress Lighting								
Emergency, Battery	50%			2030	$3,700	10	$500	
Exit, LED	50%			2070	* *	1		
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%	Now	$8,200	2045	* *	1	$1,500	
Cameras Damaged, Extent : Severe, Area Affected : 100%								
Location : Exterior								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Exterior								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Cameras 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%			2035	$1,100	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. 156
Asset # : 13086

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%			2040	* *	1	$4,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Gasoline Fired Steam Boiler								
Distribution								
Steam Piping/Pump	100%			2035	$34,900			
Terminal Devices								
Convector/Radiator	100%			2033	$35,600	1	$1,400	
Controls								
Electrical	100%			2028	$24,200			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2030	$4,900	1		
Window/Wall Unit	30%	0-2	$4,900	2035	$4,900	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	40%							
Ventilation								
Exhaust Fans								
Roof	25%	Now	$400	2035	$2,100	2		
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Roof								
No Component	75%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$1,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Bathroom								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$100	4	$100	
Fixtures								
Generic	100%							
Fire Suppression								

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

FIRE DEPARTMENT - 057
ENGINE CO. 156
Asset # : 13086

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%			2030	$58,100	1-10	$29,000	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : Covers 15 Square Feet							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 157/ LADDER CO. 80**		
Address	: **1573 CASTLETON AVENUE BTWN FABER ST - PORT RICHMOND AV**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.157 / 13087**	**Yr Built/Renovated**	: **1931 / 2003**
Area Sq Ft	: **6,296**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **03-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1080** **Lot** : **2**	**BIN**	: **5025442**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$86,400	$78,100
Mechanical		$58,100
Total	**$86,400**	**$136,200**
Importance Code B		$136,200
Importance Code C	$86,400	
Total	**$86,400**	**$136,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$8,900	$7,300		
Interior Architecture	$40,100	$400		$400
Electrical	$18,800	$11,000	$100	
Mechanical	$4,800	$3,300	$3,300	$3,300
Total	**$72,600**	**$21,900**	**$3,400**	**$3,700**
Importance Code A	$9,500	$7,900	$600	$600
Importance Code B	$56,800	$14,000	$2,800	$3,100
Importance Code C	$6,300			
Total	**$72,600**	**$21,900**	**$3,400**	**$3,700**

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

FIRE DEPARTMENT - 057
ENGINE CO. 157/ LADDER CO. 80
Asset # : 13087

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	$19,400	
Painted Surfaces, Extent : Light, Area Affected : 75%								
Location : Throughout								
Masonry: Granite	5%			LIFE	* *	5	$900	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal Sect. OHD	5%			2046	* *	5	$3,600	
Windows								
Aluminum	100%	0-2	$8,900	2041	* *	5	$900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor And Captain Office								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$700	
Masonry: Brick	90%			LIFE	* *	5	$800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Parapet								
Roof								
Asphalt Shingle	20%			2036	$9,800	10	$300	
Modified Bitumen	80%			2038	* *	10	$7,300	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Interior								
Floors								
Cast in Place Concrete	60%	0-2	$24,000	LIFE	* *	5	$12,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2036	$26,600	5	$500	
Quarry Tile	5%			2038	* *	5	$700	
Vinyl Tile	30%			2033	$78,100	3	$1,400	
Worn/Erode, Extent : Light, Area Affected : 15%								
Location : Throughout 2nd Floor								
Interior Walls								
Gypsum Board	5%			LIFE	* *	5	$400	
Masonry: Brick	35%	Now	$86,400	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Basement								
Plaster	20%	Now	$6,300	LIFE	* *	5	$800	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout 2nd Floor And Stair								
SGFT/Glazed Masonry	40%			LIFE	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 157/ LADDER CO. 80
Asset # : 13087

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%	0-2	$9,400	2038	* *	5	$1,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout Second Floor								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Kitchen, Throughout Second Floor								
Exposed Struc: Concrete	35%			LIFE	* *	5	$500	
Exposed Struc: Steel	35%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Chain Link	100%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			

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 : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2043	* *	5	$200	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$200	
Wiring								
Thermoplastic	100%			2043	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								

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

FIRE DEPARTMENT - 057
ENGINE CO. 157/ LADDER CO. 80
Asset # : 13087

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	1%			2033	$500	10	$100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Kitchen Area								
LED	99%	Now	$15,400	2038	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Throughout The Building								
Explanation : 10 Ballasts Are Defective								
Egress Lighting								
Emergency, Battery	90%			2028	$9,500	10	$1,400	
Exit, Battery	10%			2033	$900	10		
Exterior Lighting								
LED	20%	Now	$3,400	2041	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Building Perimeter								
Explanation : 6 Fixtures Are Not Operational								
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	5%			2033	$1,000	1	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor								
Explanation : Two Units								
Steam Boiler	95%			2046	* *	1	$5,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%			2053	* *			
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$2,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Cast Iron Radiators With One Pipe System								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2031	$11,900	1		
No Component	50%							

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

FIRE DEPARTMENT - 057
ENGINE CO. 157/ LADDER CO. 80
Asset # : 13087

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	30%			2038	* *	2	$100	
Roof	60%			2033	$7,300	2	$100	
Wall Unit	5%	4+	$100	2043	* *	2		
	Malfunctioning, Extent : Moderate, Area Affected : 30%							
	Location : 1st Floor							
No Component	5%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Basement Mechanical							
	Explanation : Two Units - 74 Gallons / Hour Capacity							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$1,100	LIFE	* *	1		
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Basement							
	Explanation : Backs Up With Heavy Rain							
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2031	$58,100	1-10	$29,000	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : 1st Floor Kitchen Hood							
	Explanation : 6 Feet Long, 24 Square Feet.							

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 158**		
Address	: **65 HARBOR RD**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.158 / 13088**	**Yr Built/Renovated**	: **1931 /**
Area Sq Ft	: **6,128**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **22-Nov-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1227** **Lot** : **25**	**BIN**	: **5027755**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$75,800
Mechanical	$58,100	
Total	**$58,100**	**$75,800**
Importance Code A		$75,800
Importance Code B	$58,100	
Total	**$58,100**	**$75,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$38,900	$200		$3,300
Interior Architecture	$62,400	$700	$1,100	
Electrical	$200	$300	$200	$11,700
Mechanical	$10,700	$2,900	$3,100	$54,700
Site Enclosure	$4,000			
Site Pavements	$7,700			
Total	**$124,100**	**$4,100**	**$4,400**	**$69,800**
Importance Code A	$39,200	$500	$300	$3,700
Importance Code B	$63,000	$3,600	$3,500	$66,200
Importance Code C	$21,800		$600	
Total	**$124,100**	**$4,100**	**$4,400**	**$69,800**

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. 158
Asset # : 13088

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	5%			2055	* *	10	$300	
Masonry: Brick	80%	4+	$28,500	LIFE	* *	5	$17,300	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : West Facade Below Second Floor Window Sill								
Masonry: Granite	5%			LIFE	* *	5	$800	
Masonry: Limestone	5%	0-2	$1,700	LIFE	* *	5	$800	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Wood Overhead Doors	5%			2040	* *	5	$5,400	
Windows								
Aluminum	100%	4+	$4,000	2043	* *	5	$800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Various Windows								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$1,300	
Masonry: Limestone	25%			LIFE	* *	5	$700	
Metal Panel	15%			2045	* *	5	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Parapet								
Explanation : Metal Coping								
Roof								
Asphalt Shingle	15%			2038	* *	10	$200	
Modified Bitumen	83%	Now	$3,800	2035	$75,800			1
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Metal Chimney And Roof Intersection								
Skylight, Metal/Glass	2%	Now	$900	2045	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 100%								
Location : Missing Leader And Splash Block At Skylight								
Interior								
Floors								
Cast in Place Concrete	50%	Now	$19,800	LIFE	* *	5	$10,200	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Bottom Of Stairs To Basement								
Ceramic Tile	10%			2044	* *	5	$900	
Vinyl Tile	40%			2040	* *	3	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 158
Asset # : 13088

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								
Cast in Place Concrete	20%	Now	$18,000	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Basement At Front Of Building								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement At Front Of Building								
Ceramic Tile	10%			2044	* *	5	$1,200	
Gypsum Board	5%			LIFE	* *	5	$400	
Plaster	30%	Now	$1,700	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Roof Hatch Area								
Plywood/Hardboard	5%			LIFE	* *			
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2033	$7,200	5	$400	
Exposed Struc: Concrete	30%	Now	$19,500	LIFE	* *	5	$400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Front Of Building In Basement								
Plaster	65%	Now	$3,400	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 1%								
Location : Roof Hatch Area								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2045	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$4,000	2055	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$5,600	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Front Of Property								
On-Site Walkways								
Cast in Place Concrete	100%			2040	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$2,100	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Driveway Apron At Apparatus Entrance								
Activity Yard								
Cast in Place Concrete	100%			2048	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Back Yard								
Explanation : Staging Areas								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 158
Asset # : 13088

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%			2055	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Main Service Switch								
Raceway								
Conduit	75%			2035	$27,600	1		
Conduit	25%			2055	* *	1		
Panelboards								
Molded Case Bkrs	100%			2051	* *	5	$200	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Under Construction	100%							
Generators								
Under Construction	100%							
Batteries								
Under Construction	100%							
Lighting								
Interior Lighting								
Fluorescent	65%			2035	$34,600	10	$3,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	35%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2030	$11,500	1	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior Only								
Explanation : Cameras Security System Only One Camera At The Front Door								

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. 158
Asset # : 13088

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%			2055	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2048	* *	1	$3,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Hot Water Boiler Installed In 2017.								
Distribution								
Hot Wtr Piping/Pump	5%	0-2	$400	2043	* *	4		
Not Insulated, Extent : Light, Area Affected : 30%								
Location : Basement								
Hot Wtr Piping/Pump	95%			2043	* *	4	$400	
Terminal Devices								
Convector/Radiator	70%			2040	* *	1	$1,400	
Unit Heater - Hot Water	10%	Now	$700	2035	$3,600			
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Apparatus Floor								
No Component	20%							
Controls								
Electrical	100%			2030	$34,100			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2030	$11,600	1		
Window/Wall Unit	15%	0-2	$3,500	2035	$3,500	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$700	
No Component	80%							
Exhaust Fans								
Roof	20%	Now	$500	2040	* *	2		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Mens Bathroom, Roof								
Wall Unit	80%	Now	$2,100	2030	$2,100	2	$100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor And 2nd Floor								
Explanation : 2 Units, Making Noisy								
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. 158
Asset # : 13088

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	5%	0-2	$200	2045	* *	1		
Not Insulated, Extent : Light, Area Affected : 30%								
Location : Basement								
Brass/Copper	95%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Only One 75 Gallon Unit, Second Unit Needed Due To Lack Of Hot Water.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 159**		
Address	: **1592 RICHMOND ROAD**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.159 / 13089**	**Yr Built/Renovated**	: **1930 /**
Area Sq Ft	: **6,220**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **06-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3306** **Lot** : **8**	**BIN**	: **5048682**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$79,300	
Interior Architecture	$717,500	$84,400
Electrical		$65,000
Mechanical		$58,100
Total	**$796,800**	**$207,500**
Importance Code A	$79,300	$65,000
Importance Code B	$717,500	$142,500
Total	**$796,800**	**$207,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$9,200	$200	$1,300	
Interior Architecture	$39,100			$400
Electrical	$300	$14,400	$200	$200
Mechanical	$15,200	$3,400	$3,300	$3,400
Site Pavements	$1,900			
Total	**$65,700**	**$18,000**	**$4,800**	**$4,000**
Importance Code A	$9,900	$900	$1,900	$600
Importance Code B	$25,000	$17,000	$3,000	$3,400
Importance Code C	$30,900			
Total	**$65,700**	**$18,000**	**$4,800**	**$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. 159
Asset # : 13089

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	$79,300	LIFE	* *	5	$19,300	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Painted Surfaces, Extent : Light, Area Affected : 20%								
Location : Rear Yard Facade								
Masonry: Granite	3%			LIFE	* *	5	$600	
Masonry: Limestone	7%			LIFE	* *	5	$1,300	
Metal Sect. OHD	10%			2046	* *	5	$8,000	
Stucco Cement	5%	Now	$7,300	2038	* *	5	$1,600	
Diagonal Cracks, Extent : Moderate, Area Affected : 25%								
Location : Hose Tower								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Hose Tower								
Windows								
Aluminum	100%			2049	* *	5	$2,500	
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$2,400	
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Roof Side Of Parapet Walls								
Metal Panel	5%			2043	* *	5	$500	
Roof								
Modified Bitumen	95%	4+	$2,000	2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Kitchen Area								
Skylight, Metal/Glass	5%			2043	* *	10	$1,600	
Interior								
Floors								
Cast in Place Concrete	50%	Now	$433,000	LIFE	* *	5	$11,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Apparatus Room								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus								
Explanation : Structurally Insufficient, Temporarily Shored With Steel Columns And Beams								
Quarry Tile	10%			2046	* *	5	$1,500	
Terrazzo	10%			LIFE	* *	5	$800	
Vinyl Tile	30%	4+	$8,400	2033	$84,400	3	$1,100	
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Multiple Locations Throughout The 2nd 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. 159
Asset # : 13089

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	4%			2042	* *	5	$600	
Gypsum Board	5%			LIFE	* *	5	$500	
Masonry: Brick	30%			LIFE	* *			
Marble Panels	6%			LIFE	* *			
Plaster	25%	Now	$28,700	LIFE	* *	5	$1,200	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout 2nd Floor								
Paint Peeling, Extent : Light, Area Affected : 40%								
Location : Cellar Stairs And Hose Shaft								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout 2nd Floor								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor								
Explanation : Several Of The Wood Doors Are Cracked And Worn								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%	0-2	$1,700	2038	* *	5	$500	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Water Penetration, Extent : Light, Area Affected : 15%								
Location : 2nd Floor Steam Pipe Penetration								
Exposed Struc: Concrete	30%	Now	$228,800	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Cellar Ceiling, Apparatus								
Explanation : Structurally Insufficient, Temporarily Shored With Steel Columns And Beams								
Plaster	60%	Now	$55,700	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 2nd Floor								
Paint Peeling, Extent : Moderate, Area Affected : 40%								
Location : Throughout 2nd Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout 2nd Floor								
Site Enclosure								
Fence/Gates								
Chain Link	95%			2053	* *			
Iron Picket	5%			2053	* *			
Free Standing Walls								
Masonry: Brick	100%			2043	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								

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

FIRE DEPARTMENT - 057
ENGINE CO. 159
Asset # : 13089

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%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%	4+	$1,900	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Parking 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								
Molded Case Bkrs	100%			2033	$65,000	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2033	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	95%			2032	$47,100	5	$200	
Wiring								
Thermoplastic	100%			2033	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Battery	60%			2028	$6,300	10	$900	
Exit, Service	40%			2028	$1,100	1		
Exterior Lighting								
HID	20%			2028	$5,800	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior								
Explanation : Surveillance Cameras 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.*

FIRE DEPARTMENT - 057
ENGINE CO. 159
Asset # : 13089

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%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$6,200	
Distribution								
Central Plant Steam Piping/Pmp	10%			2059	* *	4		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Cellar Mechanical Area								
Explanation : Recently Installed With New Boiler								
Central Plant Steam Piping/Pmp	90%			2043	* *	4	$400	
Terminal Devices								
Convector/Radiator	100%			2046	* *	1	$2,000	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$1,400	2031	$14,100	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. 10 Percent Of The Window, Wall Unit Is Not Working								
No Component	40%							
Ventilation								
Exhaust Fans								
Interior	100%			2038	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2053	* *	1		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Cellar Mechanical Area								
Explanation : Installed With New Water Heater								
Galvanized Steel	70%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Sanitary Piping								
Cast Iron	90%			LIFE	* *	1		
Cast Iron	10%	0-2	$7,800	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Cellar								
Storm Drain Piping								
Cast Iron	100%	0-2	$2,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 50%								
Location : Clogged Drains In Basement. Occasional Sewage Backups								
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
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.*

FIRE DEPARTMENT - 057

ENGINE CO. 159

Asset # : 13089

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	90%							
Generic	10%			2053	* *	1-2	$200	
Chemical System								
Generic	100%			2031	$58,100	1-10	$29,000	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Explanation : Kitchen Fire Suppression System Covers 15 Square Feet (3x5).								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 16/ LADDER CO. 7**		
Address	: **234 EAST 29TH STREET @ 2ND AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.016 / 13012**	**Yr Built/Renovated**	: **1968 /**
Area Sq Ft	: **6,676**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **06-Dec-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **909** **Lot** : **35**	**BIN**	: **1019903**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical		$65,000
Mechanical		$54,300
Total		**$119,300**
Importance Code B		$119,300
Total		**$119,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$41,500	$2,800		
Interior Architecture	$9,100	$1,200	$800	
Electrical	$6,200		$100	$1,300
Mechanical	$7,400	$4,000	$3,400	$6,500
Site Enclosure	$500	$1,900		
Total	**$64,800**	**$10,000**	**$4,300**	**$7,800**
Importance Code A	$41,800	$3,200	$300	$300
Importance Code B	$22,400	$4,900	$3,400	$7,500
Importance Code C	$500	$1,900	$600	
Total	**$64,800**	**$10,000**	**$4,300**	**$7,800**

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. 16/ LADDER CO. 7
Asset # : 13012

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	$23,800	LIFE	* *	5	$14,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Corners Wall Base								
Metal Sect. OHD	10%			2048	* *	5	$5,600	
Marble Panels	10%	4+	$5,100	LIFE	* *	5	$1,400	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Front Facade								
Explanation : Staining And Discoloring								
Windows								
Aluminum	100%	Now	$1,100	2051	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Window Screens								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Bathroom								
Roof								
Asphalt Shingle	10%			2044	* *	10	$200	
Modified Bitumen	90%	0-2	$11,600	2040	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 15%								
Location : Roof								
Ponding, Extent : Light, Area Affected : 10%								
Location : Roof								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$2,500	
Interior								
Floors								
Cast in Place Concrete	50%	4+	$8,800	LIFE	* *	5	$11,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Room								
Ceramic Tile	5%			2044	* *	5	$500	
Quarry Tile	10%			2048	* *	5	$1,600	
Vinyl Tile	35%			2043	* *	3	$1,400	
Interior Walls								
Ceramic Tile	10%			2044	* *	5	$1,100	
Concrete Masonry Unit	15%			LIFE	* *	5	$700	
Gypsum Board	30%			LIFE	* *	5	$2,000	
Plaster	20%			LIFE	* *	5	$700	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	65%			LIFE	* *	5	$1,000	
Gypsum Board	10%	Now	$400	LIFE	* *	5	$1,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Second Floor Lounge								
Plaster	25%			LIFE	* *	5	$1,600	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Second Floor 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
ENGINE CO. 16/ LADDER CO. 7
Asset # : 13012

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								
Aluminum Picket	10%	Now	$500	2055	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gate Hinge								
Aluminum Rail	30%			2048	* *	5-10	$3,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Guard Rail								
Chain Link	60%			2045	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2040	* *			

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%			2035	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	$65,000	5		
Raceway								
Conduit	85%			2035	$31,300	1		
Conduit	15%			2061	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	85%			2034	$42,200	5	$200	
Molded Case Bkrs	10%			2057	* *	5		
Wiring								
Thermoplastic	85%			2035	$28,300	1		
Thermoplastic	15%			2061	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								

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

FIRE DEPARTMENT - 057
ENGINE CO. 16/ LADDER CO. 7
Asset # : 13012

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	2%			2030	$1,200	10	$100	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Crawl Space								
LED	98%			2043	* *			
Egress Lighting								
Emergency, Battery	50%			2043	* *	10	$800	
Exit, LED	50%			2050	* *	1		
Exterior Lighting								
HID	20%	0-2	$6,200	2045	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Exterior								
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2055	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2051	* *	4	$500	
Terminal Devices								
Convector/Radiator	90%			2048	* *	1	$1,900	
Unit Heater - Steam	10%			2035	$3,800	4	$100	
Controls								
Electrical	100%			2033	$37,100			
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 16/ LADDER CO. 7
Asset # : 13012

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								
Interior Pkg Unit - Cooling	20%	0-2	$2,100	2036	$21,100	2	$100	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Locker Room And Bunker Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Locker Room								
Explanation : 1 Unit Serving Locker Room And Bunker Room								
Window/Wall Unit	70%			2033	$17,700	1		
Window/Wall Unit	10%	0-2	$1,000	2030	$2,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Area. The Window Wall Unit Not Working Due To Mechanical, Electrical Defects								
Heat Rejection								
Air Cooled Condenser Unit	100%			2040	* *	2	$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit For The Package Unit At Locker Room								
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$400	
No Component	90%							
Exhaust Fans								
Interior	60%			2040	* *	2	$100	
Roof	40%	0-2	$1,000	2040	* *	2	$100	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Roof. Female Bathroom Exhaust Fan Continously Working. Unit Cannot Be Controlled								
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Roof. Two Bathroom Exhasust Fans Out Of Service Due To Defective Motor								
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2055	* *	1		
Galvanized Steel	25%			2048	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units 74 Gallon With Pump								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2029	$200	4	$100	

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FIRE DEPARTMENT - 057
ENGINE CO. 16/ LADDER CO. 7
Asset # : 13012

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								
Chemical System								
Wet	100%			2033	$54,300	1-10	$29,000	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Kitchen							
	Explanation : 1 Set Fire Suppression On Kitchen Hood 3 Feet X 8 Feet Which Equals 24 Square Feet							

Note : 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 160/ RESCUE 5**		
Address	: **1850 CLOVE ROAD @ TARGEE ST.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.160 / 13090**	**Yr Built/Renovated**	: **1913 / 2006**
Area Sq Ft	: **8,077**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **06-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3153** **Lot** : **38**	**BIN**	: **5046179**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$550,900	$52,700
Electrical		$166,900
Mechanical	$227,100	$58,100
Total	**$778,000**	**$277,700**
Importance Code B	$708,000	$277,700
Importance Code C	$70,000	
Total	**$778,000**	**$277,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$16,100	$8,300		
Interior Architecture	$15,900			$800
Electrical	$3,600	$7,900	$900	$900
Mechanical	$6,500	$3,700	$4,000	$3,700
Site Enclosure	$6,300			
Site Pavements	$2,600			
Total	**$51,000**	**$19,800**	**$4,800**	**$5,300**
Importance Code A	$16,900	$9,100	$800	$800
Importance Code B	$24,300	$10,700	$4,000	$4,500
Importance Code C	$9,800			
Total	**$51,000**	**$19,800**	**$4,800**	**$5,300**

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

FIRE DEPARTMENT - 057
ENGINE CO. 160/ RESCUE 5
Asset # : 13090

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	10%			2053	* *	10	$900	
Masonry: Brick	70%			LIFE	* *	5	$20,400	
Masonry: Granite	3%			LIFE	* *	5	$700	
Masonry: Limestone	8%			LIFE	* *	5	$1,700	
Metal Panel	2%			2043	* *	5-10	$4,000	
Metal Sect. OHD	7%			2038	* *	5	$6,400	
Windows								
Aluminum	100%	Now	$7,500	2049	* *	5	$1,600	
Weather Strip Missing, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor								
Explanation : Missing Insect Screens								
Parapets								
Cast Stone/Terra Cotta	20%	Now	$5,600	LIFE	* *	5	$4,800	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	60%			LIFE	* *	5	$1,900	
Metal Rail	20%			2046	* *	5-10	$11,200	
Roof								
Asphalt Shingle	10%			2042	* *	10	$200	
Built-Up (BUR)	50%	0-2	$2,900	2038	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Modified Bitumen	40%			2038	* *	10	$4,000	
Soffits								
Alum/Vinyl Siding	60%			2053	* *	10		
Masonry: Limestone	40%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	$11,700	
Ceramic Tile	7%	0-2	$1,100	2036	$52,700	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Apparatus Area								
Quarry Tile	8%			2046	* *	5	$1,600	
Vinyl Tile 9" X 9"	45%	Now	$480,900	2043	* *	3	$2,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : 2nd Floor								
Patching Evident, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Uneven Substrate, Extent : Severe, Area Affected : 5%								
Location : Office								

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FIRE DEPARTMENT - 057
ENGINE CO. 160/ RESCUE 5
Asset # : 13090

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%			2042	* *	5	$1,800	
Gypsum Board	23%			LIFE	* *	5	$2,500	
Masonry: Brick	40%	Now	$70,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Truck Room								
Water Penetration, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Plaster	25%			LIFE	* *	5	$1,400	
Wood	2%			LIFE	* *	5	$1,500	
Ceilings								
AcousTileSusp.Lay-In	40%	Now	$1,800	2046	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Ceiling, Multiple Locations								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : 2nd Floor Engine Office								
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$1,700	
Plaster	30%	Now	$12,200	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Bunkroom And Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor Office, Bunkroom And Throughout								
Worn/Erode, Extent : Severe, Area Affected : 20%								
Location : Throughout 2nd Floor								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Free Standing Walls								
Masonry: Brick	100%	Now	$6,300	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$2,600	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Rear Yard								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 160/ RESCUE 5
Asset # : 13090

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	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$200	
Raceway								
Conduit	100%			2033	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	95%			2032	$47,100	5	$200	
Wiring								
Thermoplastic	100%			2033	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$2,500	
Generators								
Diesel	100%			2036	$101,800	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 83 Kilovolt Ampere								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$300	
Fuel Storage								
Day Tank	100%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallons								
Lighting								
Interior Lighting								
Fluorescent	5%			2033	$3,500	10	$400	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	5%			2028	$5,000	2		
LED	90%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2033	$2,500	1		
No Component	50%							

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FIRE DEPARTMENT - 057
ENGINE CO. 160/ RESCUE 5
Asset # : 13090

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	5%			2028	$1,900	10		
LED	15%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior								
Explanation : Surveillance Cameras 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								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$8,000	
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$227,100	2063	* *	4	$400	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Various. Defective Temperature Control System								
Terminal Devices								
Convector/Radiator	100%			2046	* *	1	$2,600	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2031	$18,400	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$2,300	
No Component	50%							
Exhaust Fans								
Roof	50%			2038	* *	2	$100	
Wall Unit	50%			2038	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2053	* *	1		
Galvanized Steel	80%			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. 160/ RESCUE 5
Asset # : 13090

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 With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Cellar Mechanical Room								
Explanation : Two 75 Gallon Heaters								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$2,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement. Clogged Drain								
Backflow Preventer								
Generic	100%			2038	* *	1	$500	
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2059	* *	1-2	$200	
Chemical System								
Generic	100%			2031	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Fire Suppression								
Explanation : Kitchen Fire Suppression System Covers 15 Square Feet (3x5)								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 161**		
Address	: **278 McCLEAN AVENUE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.161 / 13091**	**Yr Built/Renovated**	: **1931 /**
Area Sq Ft	: **6,000**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **23-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3108** **Lot** : **25**	**BIN**	: **5045654**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$402,400	
Interior Architecture	$1,167,400	$86,800
Mechanical		$54,300
Total	**$1,569,900**	**$141,100**
Importance Code A	$402,400	
Importance Code B	$1,054,800	$141,100
Importance Code C	$112,700	
Total	**$1,569,900**	**$141,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$74,100	$5,000		
Interior Architecture	$65,500	$1,300		$400
Electrical	$300	$400	$200	$200
Mechanical	$40,500	$27,300	$3,300	$3,300
Site Enclosure	$17,500			
Total	**$197,900**	**$34,100**	**$3,500**	**$3,900**
Importance Code A	$74,700	$5,600	$600	$600
Importance Code B	$85,300	$28,500	$2,900	$3,300
Importance Code C	$37,900			
Total	**$197,900**	**$34,100**	**$3,500**	**$3,900**

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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. 161
Asset # : 13091

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	5%			2053	* *	10	$400	
Masonry: Brick	65%	Now	$134,600	LIFE	* *	5	$16,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : McClean Avenue Facade Lintels								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : West Facade, Bulkhead Sidewalls								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Throughout All Elevations								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Bulkheads								
Masonry: Granite	5%	0-2	$5,000	LIFE	* *	5	$900	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : McClean Avenue Elevation								
Masonry: Limestone	10%	0-2	$9,900	LIFE	* *	5	$1,900	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 75%								
Location : Front Facade								
Stucco Cement	7%	Now	$99,700	2053	* *	5	$2,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Hose Tower								
Diagonal Cracks, Extent : Severe, Area Affected : 25%								
Location : Hose Tower Down To 2nd Floor								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Hose Tower								
Wood Overhead Doors	8%			2038	* *	5	$10,100	
Windows								
Aluminum	100%	0-2	$88,500	2058	* *	5	$900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	15%	Now	$15,300	LIFE	* *	5	$2,200	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 50%								
Location : All Parapet Elevations								
Worn/Erode, Extent : Severe, Area Affected : 60%								
Location : Copings								
Masonry: Brick	85%	Now	$20,100	LIFE	* *	5	$1,600	
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 10%								
Location : Parapet								

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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. 161
Asset # : 13091

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								
Asphalt Shingle	20%			2042	* *	10	$300	
Built-Up (BUR)	80%	Now	$23,900	2028	$79,700			
Alligatoring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Blisters, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Debris on Roof, Extent : Severe, Area Affected : 20%								
Location : Throughout Roof								
Grvl/Blst Miss/Disp, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 33%								
Location : Throughout								
Soffits								
Alum/Vinyl Siding	100%			2053	* *	10		
Interior								
Floors								
Cast in Place Concrete	50%	Now	$381,900	LIFE	* *	5	$9,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Cellar, Multiple Locations								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus								
Explanation : Floor Is Temporarily Shored To Carry Truck Load, Repair Or Replacement Is Required								
Quarry Tile	10%			2038	* *	5	$1,300	
Terrazzo	5%			LIFE	* *	5	$400	
Vinyl Tile	35%	Now	$26,000	2033	$86,800	3	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : Throughout 2nd 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. 161
Asset # : 13091

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								
Cast in Place Concrete	20%	Now	$112,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Ceramic Tile	10%			2042	* *	5	$1,200	
Gypsum Board	5%	Now	$1,700	LIFE	* *	5	$400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout Basement								
Masonry: Brick	5%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	30%	Now	$18,000	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Diagonal Cracks, Extent : Moderate, Area Affected : 33%								
Location : Bulkhead/ Hose Tower								
Paint Peeling, Extent : Light, Area Affected : 80%								
Location : Roof Bulkhead/ Hose Tower								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor Hallway Adjacent To The Bathroom, Stairs, Captains Office And Locker Room								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	15%			2038	* *	5	$1,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Throughout 2nd Floor								
Exposed Struc: Concrete	50%	Now	$672,800	LIFE	* *	5	$700	
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Cellar								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Cellar								
Explanation : Structure Is Temporarily Shored With Steel Columns To Carry Truck Load, Repair Or Replacement Is Required.								
Plaster	35%	Now	$19,100	LIFE	* *	5	$2,000	
Paint Peeling, Extent : Light, Area Affected : 30%								
Location : Hose Tower								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Hallway Adjacent To The Locker Room And Hose Tower								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$17,500	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout West Side								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout West Side								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 161
Asset # : 13091

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%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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	$15,100	5		
Enclosure Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2033	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	95%			2032	$47,100	5		$200
Wiring								
Thermoplastic	100%			2033	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5		$100
Lighting								
Interior Lighting								
LED	70%			2038	* *			
LED	30%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Exit, Battery	50%			2038	* *	10		$200
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2036	$3,700	5		$100
Alarm								

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

FIRE DEPARTMENT - 057
ENGINE CO. 161
Asset # : 13091

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								
Generic	100%			2041	* *	1	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior								
Explanation : Cameras Security 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								
Natural Gas	100%			2059	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$8,400	2053	* *	4	$300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Steam Leaking In Basement								
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$1,900	
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		
Conversion Equipment								
Split Unit	20%	0-2	$28,500	2043	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Split Unit Is Not Working								
Window/Wall Unit	60%			2031	$13,600	1		
No Component	20%							
Ventilation								
Exhaust Fans								
Interior	90%			2028	$24,000	2	$200	
Roof	10%			2038	* *	2		
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2053	* *	1		
Galvanized Steel	80%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar								
Explanation : One 75 Gallon Heater								

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

FIRE DEPARTMENT - 057
ENGINE CO. 161
Asset # : 13091

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		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	100%			2031	$54,300	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100% *Location : Kitchen* *Explanation : 1 Set Over Range 30 Square Feet*								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 162/ LADDER CO. 82/ BATTALION 23**		
Address	: **256 NELSON AVENUE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.162 / 13092**	**Yr Built/Renovated**	: **1928 /**
Area Sq Ft	: **8,429**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **23-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5271** **Lot** : **31**	**BIN**	: **5067428**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$201,800	
Electrical		$184,700
Mechanical		$54,300
Total	**$201,800**	**$239,000**
Importance Code A		$65,000
Importance Code B	$201,800	$174,000
Total	**$201,800**	**$239,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$8,600			
Interior Architecture	$23,600	$800	$600	
Electrical	$3,300	$17,100	$600	$600
Mechanical	$18,100	$43,000	$3,700	$3,600
Site Pavements	$5,900			
Total	**$59,500**	**$61,000**	**$4,900**	**$4,200**
Importance Code A	$9,500	$900	$800	$800
Importance Code B	$37,500	$60,000	$4,000	$3,400
Importance Code C	$12,500			
Total	**$59,500**	**$61,000**	**$4,900**	**$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

ENGINE CO. 162/ LADDER CO. 82/ BATTALION 23

Asset # : 13092

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	5%	Now	$2,600	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Throughout Back Room								
Masonry: Brick	75%			LIFE	* *	5	$19,500	
Masonry: Granite	5%			LIFE	* *	5	$1,000	
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Metal Sect. OHD	10%			2046	* *	5	$8,100	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Door Track Damaged								
Windows								
Aluminum	100%	Now	$6,100	2041	* *	5	$1,300	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Offices And Bunk Room								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$2,300	
Masonry: Limestone	20%			LIFE	* *	5	$700	
Roof								
Asphalt Shingle	15%			2036	$10,300	10	$300	
Modified Bitumen	85%			2043	* *	10	$10,800	
Interior								
Floors								
Cast in Place Concrete	50%	Now	$107,300	LIFE	* *	5	$13,800	
Recent Repair Evident, Extent : N/A, Area Affected : 20%								
Location : Apparatus Floor								
Ceramic Tile	5%	4+	$3,600	2042	* *	5	$300	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Toilet Rooms								
Quarry Tile	5%			2038	* *	5	$900	
Vinyl Tile	40%			2038	* *	3	$1,900	
Interior Walls								
Cast in Place Concrete	10%	4+	$6,600	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Basement Walls								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Stair, Front Basement Wall								
Ceramic Tile	5%			2036	$47,700	5	$900	
Plaster	52%			LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Hose Tower And Offices								
Plywood/Hardboard	3%			LIFE	* *			
SGFT/Glazed Masonry	30%			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. 162/ LADDER CO. 82/ BATTALION 23

Asset # : 13092

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%			2038	* *	5	$600	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Exposed Struc: Concrete	25%	Now	$94,500	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Exercise Room								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Apparatus Slab Is Not Designed For Current Loads Which Needs To Be Replaced								
Plaster	70%	Now	$13,400	LIFE	* *	5	$5,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Offices								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$5,900	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Side And Rear Of Building								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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	$65,000	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2033	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	30%			2032	$14,900	5	$100	
Molded Case Bkrs	65%			2032	$32,300	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

ENGINE CO. 162/ LADDER CO. 82/ BATTALION 23

Asset # : 13092

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%			2043	* *	1		
Thermoplastic	50%			2033	$16,600	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$2,600	
Generators								
Diesel	100%			2042	* *	1	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 60 Kilowatts, 75 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$300	
Fuel Storage								
Day Tank	30%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 109 Gallon Tank								
Main Tank	70%			2036	$53,800	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	90%			2033	$65,900	10	$7,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	4%			2028	$4,200	2		
LED	6%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : LED Light								
Egress Lighting								
Emergency, Service	50%			2028	$2,600	1		
Exit, Service	50%			2028	$1,800	1		
Exterior Lighting								
HID	20%			2028	$7,900	10		
No Component	80%							

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

FIRE DEPARTMENT - 057

ENGINE CO. 162/ LADDER CO. 82/ BATTALION 23

Asset # : 13092

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%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$8,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Low Pressure Steam								
Distribution								
Central Plant Steam Piping/Pmp	100%	Now	$11,900	2043	* *	4	$400	
Controller Not Working, Extent : Severe, Area Affected : 10%								
Location : Chief Office								
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$2,700	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	70%	Now	$2,200	2028	$22,400	1		
Broken, Extent : Severe, Area Affected : 15%								
Location : Bunker Room, Chief Office								
No Component	30%							
Ventilation								
Exhaust Fans								
Wall Unit	100%			2033	$3,600	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit And Hot Water For Kitchen								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$100	2027	$300	4	$200	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Basement								
Backflow Preventer								
No Component	95%							
Generic	5%			2038	* *	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. 162/ LADDER CO. 82/ BATTALION 23

Asset # : 13092

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%							
Leaking Connections, Extent : Severe, Area Affected : 20%								
Location : All Bathrooms								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Bathrooms								
Explanation : Chrome Flushometer Connector Is Rusted								
Fire Suppression								
Chemical System								
Wet	100%			2031	$54,300	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Explanation : Serves Cooking Area Only, 21 Square Feet.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 163/ LADDER 83**		
Address	: **875 JEWETT AVENUE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.163 / 13093**	**Yr Built/Renovated**	: **1932 /**
Area Sq Ft	: **8,408**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **13-Mar-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **377** **Lot** : **18**	**BIN**	: **5010816**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$808,600	
Electrical		$65,000
Mechanical		$123,000
Total	**$808,600**	**$188,000**
Importance Code B	$808,600	$188,000
Total	**$808,600**	**$188,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$39,700		$3,800	
Interior Architecture	$44,200		$1,000	$1,400
Electrical	$4,300	$900	$900	$3,500
Mechanical	$7,700	$3,700	$3,900	$3,700
Site Enclosure	$26,000			
Total	**$121,800**	**$4,600**	**$9,500**	**$8,500**
Importance Code A	$40,500	$800	$4,600	$800
Importance Code B	$22,400	$3,700	$4,900	$6,900
Importance Code C	$58,900			$800
Total	**$121,800**	**$4,600**	**$9,500**	**$8,500**

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

FIRE DEPARTMENT - 057
ENGINE CO. 163/ LADDER 83
Asset # : 13093

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	$38,500	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Front Facade Window Headers								
Masonry: Granite	10%			LIFE	* *	5	$3,600	
Metal Sect. OHD	10%			2049	* *	5	$7,500	
Windows								
Aluminum	60%			2052	* *	5	$1,400	
Aluminum w/ Guards	40%			2052	* *	5	$900	
Parapets								
Cast Stone/Terra Cotta	15%	Now	$3,300	LIFE	* *	5	$2,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Perimeter At Various Locations								
Masonry: Brick	85%			LIFE	* *	5-10	$13,900	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Front And Street Side Facades								
Explanation : Stone Cornice Band Staining And Spalling								
Roof								
Modified Bitumen	100%	Now	$2,400	2044	* *			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	50%	Now	$243,200	LIFE	* *	5	$12,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor Near Overhead Doors								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Cellar Front								
Other Observation, Extent : Severe, Area Affected : 60%								
Location : Apparatus Room								
Explanation : Structurally Insufficient. Temporary Shoring At Basement Level								
Ceramic Tile	10%			2045	* *	5	$1,100	
Quarry Tile	5%	Now	$2,100	2041	* *	5	$400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Sheet Vinyl/Rubber	30%			2041	* *	5	$5,100	
Terrazzo	5%			LIFE	* *	5	$900	

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FIRE DEPARTMENT - 057
ENGINE CO. 163/ LADDER 83
Asset # : 13093

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								
Cast in Place Concrete	10%	Now	$23,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Stair								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Throghout Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Weight Room, Basement								
Ceramic Tile	10%			2045	* *	5	$1,600	
Concrete Masonry Unit	20%			LIFE	* *	5	$2,500	
Gypsum Board	10%			LIFE	* *	5-10	$2,700	
Marble Panels	10%			LIFE	* *	10	$600	
Plaster	20%	0-2	$3,800	LIFE	* *	5	$900	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Sleeping Area								
SGFT/Glazed Masonry	20%			LIFE	* *	10	$1,600	
Ceilings								
AcousTileSusp.Lay-In	17%			2049	* *	5	$1,900	
Exposed Struc: Concrete	33%	Now	$565,500	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Spalling, Extent : Severe, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Structurally Insufficient. Temporary Shoring At Basement								
Plaster	50%	Now	$8,700	LIFE	* *	5	$3,600	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Bunkroom								
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$24,500	2046	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Impact Damage, Extent : Light, Area Affected : 10%								
Location : South Side								
Iron Picket	25%	0-2	$1,500	2071	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Side Elevation On The Street Side								
Retaining Walls								
Cast in Place Concrete	100%			2071	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 163/ LADDER 83
Asset # : 13093

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								
On-Site Walkways								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2049	* *			

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 : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$65,000	5	$200	
Raceway								
Conduit	100%			2036	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	95%			2035	$47,100	5	$200	
Wiring								
Thermoplastic	100%			2036	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Stand-by Power								
Transfer Switches								
Automatic	100%			2049	* *	1	$2,600	
Generators								
Diesel	100%			2045	* *	1	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside The Building								
Explanation : 60 Kilowatt								
Batteries								
Lead/Acid	100%			2030	$2,500	5	$300	
Fuel Storage								
Day Tank	100%			2052	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside The Building								
Explanation : 125 Gallons Design Capacity And 112.5 Working Capacity								
Lighting								

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FIRE DEPARTMENT - 057
ENGINE CO. 163/ LADDER 83
Asset # : 13093

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%			2031	$29,200	10	$3,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	60%			2044	* *			
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
LED	20%			2044	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2044	* *	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor								
Explanation : CCTV 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								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Steam Boiler	100%			2049	* *	1	$8,300	
Distribution								
Steam Piping/Pump	100%			2046	* *			
Terminal Devices								
Convector/Radiator	100%			2034	$68,800	1	$2,700	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout The Building, Seventy Percentage Of All Radiators Are Original With The Building								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Explanation : Insufficient Heat, Radiators Are Not Properly Distributing Heat Due To Age, Deterioration, And Orientation.								
Controls								
Electrical	100%			2031	$46,700			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2031	$25,500	1		
No Component	20%							
Ventilation								

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FIRE DEPARTMENT - 057
ENGINE CO. 163/ LADDER 83
Asset # : 13093

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	40%			2036	$6,500	2	$100	
Wall Unit	60%			2036	$2,200	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout, Twenty Percent Partially Repaired, Eighty Percent Sanitary Piping Are On Extendent Life, Corroded And Original With The Building.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2029	$300	4	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Pump								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	100%			2031	$54,300	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression 4 Feet X 6 Feet Which Equals 24 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 164/ LADDER CO. 84**		
Address	: **1570 DRUMGOOLE ROAD W. @ ELLSWORTH AVE.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.164 / 13094**	**Yr Built/Renovated**	: **1937 / 2003**
Area Sq Ft	: **5,504**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **11-Oct-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **6828** **Lot** : **65**	**BIN**	: **5083491**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$960,800	
Mechanical		$58,100
Total	**$960,800**	**$58,100**
Importance Code B	$700,900	$58,100
Importance Code C	$259,900	
Total	**$960,800**	**$58,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$65,400		$2,900	
Interior Architecture	$18,600		$700	$600
Electrical	$800	$600	$600	$3,100
Mechanical	$3,900	$3,200	$3,300	$3,400
Site Enclosure	$7,900			
Site Pavements	$19,100			
Total	**$115,700**	**$3,800**	**$7,500**	**$7,100**
Importance Code A	$65,900	$500	$3,400	$500
Importance Code B	$33,200	$3,300	$4,000	$6,200
Importance Code C	$16,600			$300
Total	**$115,700**	**$3,800**	**$7,500**	**$7,100**

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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FIRE DEPARTMENT - 057
ENGINE CO. 164/ LADDER CO. 84
Asset # : 13094

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	$36,900	
Masonry: Granite	5%			LIFE	* *	5	$1,700	
Masonry: Limestone	5%			LIFE	* *	5	$1,700	
Wood	5%			2049	* *	5	$5,800	
Wood Overhead Doors	5%			2041	* *	5	$5,800	
Windows								
Aluminum	100%	Now	$10,100	2052	* *	5	$1,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Caulking Deteriorated, Extent : Light, Area Affected : 20%								
Location : Rear And Front Facade								
Roof								
Asphalt Shingle	100%			2045	* *	10	$1,800	
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Soffits								
Wood	100%	0-2	$35,000	2041	* *	5	$6,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 30%								
Location : Perimeter Soffits								
Interior								
Floors								
Cast in Place Concrete	60%	Now	$253,800	LIFE	* *	5	$13,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : 1st Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Temporary Shoring At Basement								
Ceramic Tile	5%			2045	* *	5	$500	
Quarry Tile	5%			2049	* *	5	$700	
Terrazzo	5%			LIFE	* *	5	$800	
Vinyl Tile	25%			2041	* *	3	$900	

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FIRE DEPARTMENT - 057
ENGINE CO. 164/ LADDER CO. 84
Asset # : 13094

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								
Cast in Place Concrete	25%	Now	$259,900	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout Basement Walls								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%			2045	* *	5	$700	
Gypsum Board	5%			LIFE	* *	5-10	$1,200	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Rear Of Gymnasium								
Plaster	35%	Now	$5,800	LIFE	* *	5	$1,400	
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Sleeping Area And Locker Room								
SGFT/Glazed Masonry	30%			LIFE	* *	10	$2,100	
Ceilings								
AcousTileSusp.Lay-In	15%	0-2	$1,200	2049	* *	5	$700	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Kitchen Area								
Exposed Struc: Concrete	30%	Now	$447,100	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Temporary Support Columns Installed								
Plaster	55%	Now	$8,300	LIFE	* *	5	$3,400	
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Sleeping Area And Locker Room								
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$7,900	2046	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Rear Fence								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Rear Gate And Fence								
Wood	50%			2037	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : Vinyl Fence								
Site Pavements								

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FIRE DEPARTMENT - 057
ENGINE CO. 164/ LADDER CO. 84
Asset # : 13094

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%	Now	$19,100	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Curb Cut								
On-Site Walkways								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Asphalt	100%			2045	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fire Department Parking Lot								
Explanation : Located Across Street From Firehouse								
Activity Yard								
Cast in Place Concrete	100%			2049	* *			

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	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Raceway								
Conduit	95%			2036	$35,000	1		
Conduit	5%			2056	* *	1		
Panelboards								
Fused Disc Sw	4%			2035	$2,000	5		
Fused Disc Sw	1%			2052	* *	5		
Molded Case Bkrs	35%			2035	$17,400	5	$100	
Molded Case Bkrs	60%			2052	* *	5	$100	
Wiring								
Thermoplastic	40%			2036	$13,300	1		
Thermoplastic	60%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Back Of Disel Tank								
Explanation : Water Main Pipe Grounded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2049	* *	1	$1,700	

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FIRE DEPARTMENT - 057
ENGINE CO. 164/ LADDER CO. 84
Asset # : 13094

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%			2045	* *	1	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 60 Kilowatts, 75 Kilovolt Ampere								
Batteries								
Lead/Acid	100%			2030	$2,500	5	$200	
Fuel Storage								
Day Tank	100%			2052	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside The Building								
Explanation : 130 Gallons								
Lighting								
Interior Lighting								
LED	100%			2044	* *			
Egress Lighting								
Emergency, Service	50%			2044	* *	1		
Exit, Service	50%			2044	* *	1		
Exterior Lighting								
LED	20%			2044	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2044	* *	1	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor								
Explanation : CCTV 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								
Natural Gas	100%			2062	* *	1		
Conversion Equipment								
Steam Boiler	100%			2056	* *	1	$5,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Natural Gasoline Fired Steam Boiler								
Distribution								
Steam Piping/Pump	100%			2056	* *			
Terminal Devices								
Convector/Radiator	100%			2041	* *	1	$1,800	

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FIRE DEPARTMENT - 057
ENGINE CO. 164/ LADDER CO. 84
Asset # : 13094

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								
Controls								
Electrical	100%			2034	$30,600			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	0-2	$400	2034	$8,300	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. Two Units Are Not Working								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$500	
No Component	90%							
Exhaust Fans								
Interior	100%			2041	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Units 74 Gallons Each								
Sanitary Piping								
Cast Iron	90%			LIFE	* *	1		
Cast Iron	10%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2030	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2034	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Kitchen Hood, 4 Feet X 8 Feet Which Equals 32 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 165/ LADDER CO. 85**		
Address	: **3067 RICHMOND ROAD**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.165 / 13095**	**Yr Built/Renovated**	: **1959 /**
Area Sq Ft	: **6,493**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **06-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **949** **Lot** : **1**	**BIN**	: **5023532**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$418,200	$57,800
Electrical		$65,000
Total	**$418,200**	**$122,900**
Importance Code A	$418,200	$57,800
Importance Code B		$65,000
Total	**$418,200**	**$122,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$12,500	$12,300		
Interior Architecture	$48,700	$4,300		
Electrical	$300	$400	$300	$200
Mechanical	$28,100	$700	$600	$600
Site Pavements	$8,600			
Total	**$98,100**	**$17,800**	**$900**	**$900**
Importance Code A	$12,800	$12,600	$300	$300
Importance Code B	$66,200	$5,100	$600	$500
Importance Code C	$19,100			
Total	**$98,100**	**$17,800**	**$900**	**$900**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 165/ LADDER CO. 85
Asset # : 13095

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	5%			2053	* *	10	$300	
Masonry: Brick	65%	Now	$418,200	LIFE	* *	5	$12,700	
Expansion Joint Failure, Extent : Moderate, Area Affected : 100%								
Location : All Relieving Angles								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Repointing Failure, Extent : Moderate, Area Affected : 20%								
Location : Upper Parapet Wall								
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Front Facade At Corners								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair Tower, Main Stair Walls								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : At Relieving Angle. Parking Lot								
Explanation : Missing Masonry Weeps								
Metal, Corrugated	15%			2033	$57,800	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Addition For Hazmat Vehicle								
Explanation : Temporary Structure Of Metal Panels Over Scaffolding. Not To Code Or Local Law Regulations								
Metal Panel	5%			2043	* *	5-10	$6,700	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Metal Sect. OHD	10%			2038	* *	5	$6,100	
Windows								
Aluminum	100%	Now	$10,700	2041	* *	5	$1,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$1,400	
Masonry: Brick	90%			LIFE	* *	5	$1,600	
Roof								
Asphalt Shingle	10%			2042	* *	10	$200	
Modified Bitumen	70%			2038	* *	10	$7,400	
Blisters, Extent : Light, Area Affected : 2%								
Location : Main Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Explanation : New Roof Installed Over Existing Modified Roof								
Roll Roofing	20%			2032	$13,800	5	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Of Addition For Hazmat Vehicle								
Explanation : This Roofing Belongs To The 1 Story Temporary Corrugated Metal Structure								
Soffits								
Metal Panel	100%			2053	* *	5-10		

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

FIRE DEPARTMENT - 057
ENGINE CO. 165/ LADDER CO. 85
Asset # : 13095

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%	0-2	$7,400	LIFE	* *	5	$9,500	
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Ceramic Tile	20%	Now	$12,300	2042	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Dining Area, Housewatch Area								
Sheet Vinyl/Rubber	40%			2038	* *	5	$6,500	
Interior Walls								
Cast in Place Concrete	5%	Now	$5,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Cellar Foundation Wall								
Ceramic Tile	20%			2042	* *	5	$3,000	
Concrete Masonry Unit	5%			LIFE	* *	5	$300	
Gypsum Board	10%	Now	$1,000	LIFE	* *	5	$900	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement								
Explanation : Mold Growing								
Plaster	30%	Now	$10,900	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Stair Tower								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Throughout The East Wall And Stair Tower								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%			2038	* *	5	$2,200	
Exposed Struc: Concrete	10%			LIFE	* *	5	$200	
Paint Peeling, Extent : Moderate, Area Affected : 2%								
Location : Apparatus Floor								
Gypsum Board	10%			LIFE	* *	5	$1,400	
Plaster	60%	Now	$9,900	LIFE	* *	5	$4,100	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout 2nd Floor And Stair Tower								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2053	* *			
Wood	25%			2034				
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Actually Vinyl Picket Fence								
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Retaining Walls								
Concrete Masonry Unit	100%			2053	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 165/ LADDER CO. 85
Asset # : 13095

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%	4+	$8,600	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Entrance Apron								
On-Site Walkways								
Cast in Place Concrete	70%			2046	* *			
Pavers/Stone	30%			2042	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement. Electric Closet								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$200	
Raceway								
Conduit	90%			2033	$33,100	1		
Conduit	10%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	30%			2032	$14,900	5	$100	
Molded Case Bkrs	65%			2049	* *	5	$100	
Wiring								
Thermoplastic	50%			2033	$16,600	1		
Thermoplastic	50%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Exit, LED	50%			2068	* *	1		
No Component	50%							
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Lightning Protection								

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

FIRE DEPARTMENT - 057
ENGINE CO. 165/ LADDER CO. 85
Asset # : 13095

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
Lightning Protection								
Arresters/Cabling								
Generic	100%			2048	* *	5	$100	
Alarm								
Security System								
Generic	100%			2041	* *	1	$2,400	
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Exterior							
	Explanation : Cameras Security 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								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	$3,200	
Distribution								
Hot Wtr Piping/Pump	50%			2041	* *	4	$200	
Hot Wtr Piping/Pump	50%	0-2	$400	2041	* *	4	$200	
	Corroded, Extent : Severe, Area Affected : 50%							
	Location : Basement							
Terminal Devices								
Convector/Radiator	70%			2038	* *	1	$1,500	
Unit Heater - Steam	10%			2038	* *	4	$100	
Unit Heater - Steam	20%			2038	* *	4	$100	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	30%			2038	* *	2	$100	
Window/Wall Unit	20%			2031	$4,900	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$400	
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : First Floor Toilet Room							
	Explanation : Toilet Exhaust Ductwork And Grilles							
No Component	90%							

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FIRE DEPARTMENT - 057
ENGINE CO. 165/ LADDER CO. 85
Asset # : 13095

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	90%			2038	* *	2	$200	
Wall Unit	10%	0-2	$300	2043	* *	2		
Broken, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Exhaust								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Exterior Wall								
Explanation : Wall Mounted Hood Exhaust Fan								
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2059	* *	1		
Galvanized Steel	90%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Cellar								
Explanation : One 75 Gallon Water Heater								
Sanitary Piping								
Cast Iron	60%			LIFE	* *	1		
Cast Iron	10%			LIFE	* *	1		
Cast Iron	30%	0-2	$24,500	LIFE	* *	1		
Broken, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Corroded, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Leak Evident, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Occasional Sewage Backups In Basement								
Storm Drain Piping								
Cast Iron	90%			LIFE	* *	1		
Cast Iron	10%	0-2	$2,300	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Apparatus Floor Drain								
Sump Pump(s)								
Submersible	100%	Now	$200	2028	$200	4	$100	
Unit Inoperable, Extent : Severe, Area Affected : 30%								
Location : Cellar								
Fixtures								
Generic	100%							

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

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 166/ LADDER CO. 86**		
Address	: **1400 RICHMOND AVENUE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.166 / 13096**	**Yr Built/Renovated**	: **1963 /**
Area Sq Ft	: **6,582**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **13-Mar-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1612** **Lot** : **5**	**BIN**	: **5031692**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$157,600	
Mechanical		$52,300
Total	**$157,600**	**$52,300**
Importance Code B	$157,600	$52,300
Total	**$157,600**	**$52,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$30,200		$1,500	
Interior Architecture	$29,300		$2,400	$1,600
Electrical	$100		$100	
Mechanical	$13,100	$3,200	$3,200	$3,100
Site Enclosure	$25,500			
Total	**$98,200**	**$3,200**	**$7,200**	**$4,700**
Importance Code A	$30,500	$300	$1,800	$300
Importance Code B	$35,500	$2,900	$5,400	$3,700
Importance Code C	$32,200			$700
Total	**$98,200**	**$3,200**	**$7,200**	**$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. 166/ LADDER CO. 86
Asset # : 13096

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	95%			LIFE	* *	5	$35,800	
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : All Facades								
Metal Sect. OHD	5%			2049	* *	5	$2,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Overhead Door								
Explanation : Material Fiberglass Overhead Door								
Windows								
Aluminum	100%	Now	$5,000	2044	* *	5	$1,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : House Watch								
Parapets								
Masonry: Brick	85%	Now	$4,900	LIFE	* *	5	$1,900	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Pre-cast Concrete	15%	Now	$1,400	LIFE	* *	5	$2,100	
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Lower And Upper Roof								
Roof								
Modified Bitumen	80%			2044	* *	10	$6,700	
Roll Roofing	20%	Now	$1,100	2032	$10,900	5	$1,400	
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof								
Interior								
Floors								
Cast in Place Concrete	40%	Now	$6,700	LIFE	* *	5	$8,600	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Ground Water At Cellar								
Ceramic Tile	10%			2045	* *	5	$1,000	
Quarry Tile	5%	Now	$700	2049	* *	5	$400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Dining Room								
Vinyl Tile	15%	Now	$8,200	2036	$40,800	3	$600	
Adhesion Failure, Extent : Moderate, Area Affected : 30%								
Location : Locker Room And Sleeping Area								
Worn/Erode, Extent : Moderate, Area Affected : 30%								
Location : Locker Room, Common Hall And Sleeping Area								
Vinyl Tile 9" X 9"	20%	Now	$157,600	2046	* *	3	$700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout 2nd Floor								
Wood	10%			2064	* *	5	$1,800	

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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. 166/ LADDER CO. 86
Asset # : 13096

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%			2045	* *	5	$1,300	
Concrete Masonry Unit	5%			LIFE	* *	5	$500	
Gypsum Board	10%			LIFE	* *	5-10	$2,300	
Plaster	30%	Now	$1,900	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stairwell								
SGFT/Glazed Masonry	45%			LIFE	* *	10	$3,000	
Ceilings								
AcousTileSusp.Lay-In	30%			2049	* *	5	$3,000	
Gypsum Board	8%			LIFE	* *	5-10	$2,700	
Plaster	60%	4+	$3,600	LIFE	* *	5	$3,700	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Cellar								
Wood	2%			LIFE	* *	5	$3,400	
Site Enclosure								
Fence/Gates								
Chain Link	75%	Now	$22,100	2046	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Alley								
Wood	25%	Now	$3,400	2034	$34,400			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rear Of Building								
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%			2071	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
On-Site Walkways								
Asphalt	100%			2045	* *			
Parking/Driveway								
Asphalt	100%			2045	* *			

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
ENGINE CO. 166/ LADDER CO. 86
Asset # : 13096

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%			2066	* *	5		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement Electrical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2066	* *	5	$200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement Electrical Room								
Raceway								
Conduit	80%			2036	$29,500	1		
Conduit	20%			2062	* *	1		
Panelboards								
Fused Disc Sw	5%			2044	* *	5		
Molded Case Bkrs	95%			2044	* *	5	$200	
Wiring								
Thermoplastic	20%			2062	* *	1		
Thermoplastic	80%			2036	$26,600	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main Pipe Grounded								
Stand-by Power								
Transfer Switches								
Under Construction	100%							
Generators								
Under Construction	100%							
Batteries								
Under Construction	100%							
Fuel Storage								
Under Construction	100%							
Lighting								
Interior Lighting								
LED	100%			2044	* *			
Egress Lighting								
Emergency, Battery	100%			2044	* *	10	$1,600	
Exterior Lighting								
LED	20%			2044	* *			
No Component	80%							

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

FIRE DEPARTMENT - 057
ENGINE CO. 166/ LADDER CO. 86
Asset # : 13096

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%			2049	* *	1	$3,300	
Distribution								
Hot Wtr Piping/Pump	100%			2052	* *	4	$500	
Terminal Devices								
Convector/Radiator	100%	Now	$5,400	2041	* *	1	$1,900	
Broken, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Controls								
Electrical	100%			2034	$36,600			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Split Unit	10%	0-2	$800	2041	* *			
Broken, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Window/Wall Unit	80%	0-2	$400	2034	$19,900	1		
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor								
No Component	10%							
Ventilation								
Exhaust Fans								
Roof	100%			2036	$12,800	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building.								
Water Heater With Tanks								
Gas Fired	100%			2034	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2029	$200	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
ENGINE CO. 166/ LADDER CO. 86
Asset # : 13096

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	90%							
Generic	10%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Backflow Preventers Are Serving The Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	10%			2034	$5,400	1-10	$2,900	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Serves Cooking Area								
Generic	90%			2031	$52,300	1-10	$26,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : One Set Fire Suppression On Hood 5 Feet X 5 Feet Which 25 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 167/ LADDER CO. 87**		
Address	: **345 ANNADALE ROAD**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.167 / 13097**	**Yr Built/Renovated**	: **1971 / 2003**
Area Sq Ft	: **8,390**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **11-Oct-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5642** **Lot** : **6**	**BIN**	: **5075428**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$261,400	$116,600
Electrical		$130,000
Mechanical		$54,300
Total	**$261,400**	**$300,900**
Importance Code A	$261,400	$181,600
Importance Code B		$119,300
Total	**$261,400**	**$300,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$24,600			
Interior Architecture	$70,600		$600	$600
Electrical	$9,600	$600	$3,100	$700
Mechanical	$12,400	$3,500	$4,800	$3,200
Site Enclosure	$8,900			
Total	**$126,100**	**$4,000**	**$8,500**	**$4,600**
Importance Code A	$25,000	$400	$400	$400
Importance Code B	$50,900	$3,600	$8,100	$4,100
Importance Code C	$50,200			
Total	**$126,100**	**$4,000**	**$8,500**	**$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. 167/ LADDER CO. 87
Asset # : 13097

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	$91,300	LIFE	* *	5	$11,100	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 10%								
Location : Missing Joint Filler At Masonry Wall Base And Header. Throughout Cavity Wall								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 50%								
Location : All Elevations								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : At Building Perimeter Base Of Masonry Wall								
Explanation : Deteriorated Pavement Sealant								
Metal Panel	5%			2046	* *	5-10	$6,400	
Pre-cast Concrete	25%	0-2	$6,700	LIFE	* *	5	$15,000	
Expansion Joint Failure, Extent : Moderate, Area Affected : 20%								
Location : Precast Panels								
Open Joints, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Wood Overhead Doors	10%	Now	$53,100	2056	* *	5	$4,600	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Overhead Door								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Overhead Door								
Explanation : Door Too Heavy And Breaks Down Frequently								
Windows								
Aluminum	100%	Now	$117,000	2061	* *	5	$1,200	
Bent/Warped Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Rusted Insect Screens Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Gymnasium								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Kitchen Dining Room								
Parapets								
Masonry: Brick	60%			LIFE	* *	5-10	$9,100	
Pre-cast Concrete	40%	Now	$3,600	LIFE	* *	5	$5,600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Perimeter At Various 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. 167/ LADDER CO. 87
Asset # : 13097

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								
Asphalt Shingle	10%	Now	$600	2039	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Equipment Room								
Modified Bitumen	90%	Now	$5,800	2036	$116,600			
Alligatoring, Extent : Moderate, Area Affected : 25%								
Location : Roof								
Blisters, Extent : Light, Area Affected : 5%								
Location : Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Lockers								
Interior								
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	$33,200	
Ceramic Tile	10%			2045	* *	5	$1,300	
Sheet Vinyl/Rubber	30%			2041	* *	5	$5,700	
Interior Walls								
Cast in Place Concrete	20%	Now	$13,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At Electrical Incoming Service Box								
Concrete Masonry Unit	25%	4+	$8,600	LIFE	* *	5	$1,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair								
Gypsum Board	10%			LIFE	* *	5-10	$3,100	
SGFT/Glazed Masonry	40%	Now	$13,200	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Equipment Room								
Wood	5%			LIFE	* *	5	$7,300	
Ceilings								
AcousTileSusp.Lay-In	10%			2049	* *	5	$1,300	
Exposed Struc: Concrete	70%			LIFE	* *	5-10	$11,100	
Gypsum Board	10%	Now	$1,100	LIFE	* *	5	$1,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Equipment Room								
Plaster	10%	Now	$1,900	LIFE	* *	5	$800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Locker								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$8,900	2046	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot Gate, Low Fence At Ramp								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 167/ LADDER CO. 87
Asset # : 13097

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								
Retaining Walls								
Cast in Place Concrete	100%			2080	* *			
Other Observation, Extent : N/A, Area Affected : 15%								
Location : Side Yard								
Explanation : Air Shaft At Side Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
On-Site Walkways								
Cast in Place Concrete	84%			2049	* *			
Cast in Place Concrete	16%			2049	* *			
Parking/Driveway								
Asphalt	100%			2045	* *			

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%			2036	$65,000	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$65,000	5	$200	
Raceway								
Conduit	95%			2036	$35,000	1		
Conduit	5%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Enclosure Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Molded Case Bkrs	20%			2052	* *	5		
Molded Case Bkrs	75%			2035	$37,200	5	$200	
Wiring								
Thermoplastic	95%			2036	$31,600	1		
Thermoplastic	5%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Gasoline Meter Room								
Explanation : Water Main Pipe Grounded								
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. 167/ LADDER CO. 87
Asset # : 13097

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	$2,600	
Generators								
Diesel	100%			2039	* *	1	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 80 Kilovolt Ampere								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$300	
Fuel Storage								
Day Tank	100%			2044	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 60 Gallon								
Lighting								
Interior Lighting								
Fluorescent	60%	0-2	$8,700	2036	$43,700			
Not in Service, Extent : Severe, Area Affected : 20%								
Location : Basement And 2nd Floor								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement, 1st Floor, And Gymnasium								
LED	40%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Second Floor								
Explanation : LED Light								
Egress Lighting								
Emergency, Service	60%			2041	* *	1		
Exit, Service	40%			2041	* *	1		
Exterior Lighting								
LED	20%			2044	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2041	* *	1	$4,200	
Distribution								
Hot Wtr Piping/Pump	100%			2052	* *	4	$600	
Terminal Devices								
Convector/Radiator	80%			2049	* *	1	$2,200	
Fan Coil Unit/Heat	20%			2036	$41,600	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
ENGINE CO. 167/ LADDER CO. 87
Asset # : 13097

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								
Controls								
Electrical	100%			2034	$46,600			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Split Unit	20%			2041	* *			
Window/Wall Unit	50%			2034	$15,900	1		
No Component	30%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2041	* *	2	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Unit At The Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$4,400	
No Component	40%							
Exhaust Fans								
Interior	20%			2036	$7,400	2	$100	
Roof	80%			2036	$13,000	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	20%	Now	$1,100	2056	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Galvanized Steel	80%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar								
Explanation : Two 75 Gallon Water Heaters								
Sanitary Piping								
Cast Iron	100%	Now	$5,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Kitchen. Clogged Kitchen Sink Drain Piping								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2041	* *	4	$200	
Backflow Preventer								
No Component	80%							
Generic	20%			2041	* *	1	$100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Backflow Preventor For Boiler Only								

Note : 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. 167/ LADDER CO. 87
Asset # : 13097

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%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Bathroom								
Fire Suppression								
Chemical System								
Wet	100%			2034	$54,300	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression Over kitchen Hood, 4 Feet X 8 Feet Which Equals 32 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **30-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **7067** **Lot** : **252**	**BIN**	: **5851738**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$642,900
Electrical		$274,600
Mechanical	$168,800	
Total	**$168,800**	**$917,500**
Importance Code B	$168,800	$917,500
Total	**$168,800**	**$917,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$16,300		$12,600	
Interior Architecture	$119,600			$2,600
Electrical	$5,200	$1,400	$1,500	$1,400
Mechanical	$37,900	$1,500	$27,900	$1,500
Site Enclosure	$5,600			
Site Pavements	$46,600			
Total	**$231,200**	**$2,900**	**$42,000**	**$5,500**
Importance Code A	$17,300	$1,000	$13,600	$1,000
Importance Code B	$136,700	$1,900	$28,400	$4,500
Importance Code C	$77,200			
Total	**$231,200**	**$2,900**	**$42,000**	**$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. 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	1%			LIFE	* *	5	$200	
Masonry: Brick Cavity	6%	2-4	$2,600	LIFE	* *	5	$1,500	
Caulking Deteriorated, Extent : Moderate, Area Affected : 100%								
Location : Perimeter Windows								
Masonry: Brick Cavity	69%			LIFE	* *	5	$17,400	
Metal Panel	4%			2051	* *	5-10	$7,000	
Metal Coiling Doors	15%	4+	$8,100	2044	* *	5	$5,900	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Window Wall	5%			2051	* *	5	$4,700	
Windows								
Aluminum	100%			2047	* *	5	$600	
Parapets								
Metal Rail	60%			2044	* *	5-10	$32,100	
No Component	40%							
Roof								
Under Construction	100%							
Soffits								
Stucco Cement	100%	0-2	$5,200	2044	* *	5	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	40%	Now	$20,500	LIFE	* *	5	$26,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Ceramic Tile	10%			2040	* *	5	$3,000	
Sheet Vinyl/Rubber	20%	Now	$19,700	2036	$393,600	5	$4,500	
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Men's Locker Room								
Vinyl Tile	30%			2036	$249,300	3	$4,500	
Interior Walls								
Cast in Place Concrete	20%	Now	$18,100	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Foundation Wall								
Concrete Masonry Unit	68%	0-2	$30,300	LIFE	* *	5	$6,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement And Apparatus Area								
Gypsum Board	10%			LIFE	* *	5	$1,400	
Metal Panel	2%			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. 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
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%	0-2	$2,900	2044	* *	5	$3,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bunk Room								
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exposed Struc: Concrete	30%	0-2	$27,000	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement And Bulkhead								
Diagonal Cracks, Extent : Light, Area Affected : 10%								
Location : Basement Ceiling Throughout								
Exposed Struc: Steel	40%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$1,900	
Site Enclosure								
Fence/Gates								
Metal: Cage/Fence	100%	Now	$5,600	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Main Gate To Parking Lot								
Retaining Walls								
Cast in Place Concrete	100%			2066	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$23,400	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$700	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Walkway								
Parking/Driveway								
Asphalt	50%	2-4	$9,500	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Parking Lot								
Cast in Place Concrete	50%	Now	$13,000	2044	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Light, Area Affected : 5%								
Location : Driveway Apron								

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. 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%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Photovoltaic Panel(s)	25%			2040	* *	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%			2041	* *	5	$100	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5		
Molded Case Bkrs	95%			2047	* *	5	$500	
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$6,200	
Generators								
Diesel	100%			2034	$101,800	1	$7,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Rear Yard								
Explanation : Emergency Generator Rated At 80 Kilovolt-ampere								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Rear Yard								
Explanation : Within Generator Enclosure								
Fuel Storage								
Main Tank	100%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Rear Yard								
Explanation : 60 Gallons Rated Capacity								
Lighting								

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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
Lighting								
Interior Lighting								
Fluorescent	97%			2036	$169,300	10	$17,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2031	$3,500	10	$400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Staircase								
Fluorescent	1%	Now	$700	2041	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Some Of The Fixtures Are Broken								
Egress Lighting								
Emergency, Service	50%			2036	$6,200	1		
Exit, LED	50%			2059	* *	1		
Exterior Lighting								
HID	20%			2036	$18,800	10		
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Furnace	50%			2031	$31,300	1	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Package Units Controlled Offsite								
Hot Water Boiler	50%			2044	* *	1	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit Controlled Offsite								
Distribution								
Hot Wtr Piping/Pump	50%			2047	* *	4	$700	
No Component	50%							
Terminal Devices								
Convector/Radiator	10%			2044	* *	1	$700	
Unit Heater - Hot Water	40%	Now	$2,400	2031	$47,700			
Controller Not Working, Extent : Severe, Area Affected : 50%								
Location : Garage Area In The Rear								
No Component	50%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		

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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
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%	Now	$16,900	2027	$168,800	2	$500	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Controls Are Offsite Creating Many Temperature Control Problems								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 5 Package Units, Roof								
Split Unit	10%			2039	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units. R-410a, 1 Older Unit								
Window/Wall Unit	10%			2027	$7,600	1		
No Component	30%							
Distribution								
Ductwork/Diffusers	30%	4+	$3,700	LIFE	* *	2	$7,800	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Roof								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$6,700	
No Component	40%							
Exhaust Fans								
Roof	40%			2031	$15,600	2	$200	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar Mechanical Room								
Explanation : Two 75 Gallon Water Heaters								
Sanitary Piping								
Cast Iron	100%	Now	$5,100	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement Mechanical Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2031	$10,500	4	$1,200	
Backflow Preventer								
Generic	100%			2036	$9,000	1	$1,200	
Fixtures								
Generic	100%							
Fire Suppression								

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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	80%							
Generic	20%			2051	* *	1-2	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Sprinklers Are In The Basement								
Chemical System								
No Component	90%							
Generic	10%			2029	$5,800	1-10	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Unit								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 202/ LADDER CO. 101**		
Address	: **31 RICHARDS STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.202 / 13099**	**Yr Built/Renovated**	: **1959 /**
Area Sq Ft	: **9,048**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **19-Jan-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **505** **Lot** : **60**	**BIN**	: **3008224**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$187,700	
Mechanical		$74,000
Total	**$187,700**	**$74,000**
Importance Code A	$187,700	
Importance Code B		$74,000
Total	**$187,700**	**$74,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$15,800	$3,100		$16,300
Interior Architecture	$62,300	$800	$200	$4,100
Electrical	$1,000	$3,600	$1,000	$55,900
Mechanical	$41,700	$12,100	$1,100	$36,200
Site Enclosure	$1,800			
Total	**$122,500**	**$19,600**	**$2,400**	**$112,400**
Importance Code A	$16,200	$3,500	$400	$16,700
Importance Code B	$55,900	$16,100	$1,700	$95,700
Importance Code C	$50,400		$200	
Total	**$122,500**	**$19,600**	**$2,400**	**$112,400**

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FIRE DEPARTMENT - 057
ENGINE CO. 202/ LADDER CO. 101
Asset # : 13099

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	1%			LIFE	* *	5	$100	
Masonry: Brick	60%	Now	$187,700	LIFE	* *	5	$11,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Side Facade Of Lower Portion Of Building								
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : Above Rear Window At Lower Portion Of Building								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 30%								
Location : Side Facades								
Caulking Deteriorated, Extent : Moderate, Area Affected : 100%								
Location : All Masonry Control Joints								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Rear Addition								
Explanation : Rear Addition Is Pulling Away From Main Building								
Masonry: Limestone	20%	0-2	$6,000	LIFE	* *	5	$2,800	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 75%								
Location : Richards Street Elevation								
Granite Panels	1%			LIFE	* *	5	$100	
Stucco Cement	13%			2048	* *	5	$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Facade								
Explanation : Stucco And Paint On Rear Facade To Match Surrounding Decor Of Adjacent Hotel								
Wood Overhead Doors	5%			2040	* *	5	$4,700	
Windows								
Aluminum	100%	Now	$4,500	2043	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Bunk Room								

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FIRE DEPARTMENT - 057
ENGINE CO. 202/ LADDER CO. 101
Asset # : 13099

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								
Parapets								
Masonry: Brick	15%			LIFE	* *	5	$200	
Masonry: Limestone	10%	2-4	$3,000	LIFE	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Lower Rear Roof								
Metal Panel	15%			2055	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Explanation : Metal Coping Over Cast Stone Coping								
Wood Rail	10%	Now	$2,200	2040	* *	5	$900	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Rear Lower Roof								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 75%								
Location : 1st Floor Roof								
Worn/Erode, Extent : Severe, Area Affected : 100%								
Location : 1st Floor Roof								
No Component	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Upper Gable Roof								
Explanation : Roofing Material Raise Roof To Level Of Metal Coping, Parapet Not Visible								
Roof								
Modified Bitumen	90%			2040	* *	10	$11,400	
Traffic Topping	10%			2040	* *	10	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor Patio Roof At Rear Over 1st Floor								
Explanation : Wood Deck Construction								
Soffits								
Metal Panel	100%			2045	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	50%	Now	$11,500	LIFE	* *	5	$14,800	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Apparatus Floor And Cellar Stairs								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Telecommunication Cabinet And Boiler								
Mosaic Tile	5%			2048	* *	5	$1,700	
Quarry Tile	5%	0-2	$1,000	2040	* *	5	$500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Sheet Vinyl/Rubber	40%			2040	* *	5	$8,100	

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FIRE DEPARTMENT - 057
ENGINE CO. 202/ LADDER CO. 101
Asset # : 13099

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								
Cast in Place Concrete	15%	Now	$11,100	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 75%								
Location : Throughout Cellar								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Telecommunication Cabinet								
Ceramic Tile	5%			2044	* *	5	$500	
Gypsum Board	3%			LIFE	* *	5	$200	
Masonry: Brick	10%	Now	$18,600	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	30%	Now	$3,600	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stairwell At Basement								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Stairwell At Basement								
SGFT/Glazed Masonry	35%	Now	$15,400	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor Office								
Explanation : Vertical Cracks								
Wood	2%			LIFE	* *	5	$800	
Ceilings								
AcousTileSusp.Lay-In	10%	2-4	$1,100	2040	* *	5	$700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Gymnasium And Lounge								
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	50%			LIFE	* *	5	$1,100	
Plaster	40%			LIFE	* *	5	$3,400	
Site Enclosure								
Fence/Gates								
Chain Link	70%			2045	* *			
Wood	30%	2-4	$1,800	2036	$17,600			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Rear Lower Roof Patio								
Dry Rot/Decay, Extent : Moderate, Area Affected : 25%								
Location : Rear Lower Roof Patio								
Free Standing Walls								
Cast in Place Concrete	100%			2055	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 202/ LADDER CO. 101
Asset # : 13099

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%			2045	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Raceway								
Conduit	80%			2045	* *	1		
Conduit	20%			2061	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	50%			2034	$24,800	5	$100	
Molded Case Bkrs	25%			2043	* *	5	$100	
Molded Case Bkrs	20%			2051	* *	5		
Wiring								
Thermoplastic	80%			2045	* *	1		
Thermoplastic	20%			2055	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Connected To Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$2,800	
Generators								
Diesel	100%			2038	* *	1	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : Emergency Generator Rated At 81 Kilovolt Amperes.								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$300	
Fuel Storage								
Main Tank	100%			2050	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : 60 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	60%			2030	$47,200	10	$5,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement, First Floor								
Explanation : T-8 Lamps								
LED	40%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2030	$2,800	1		
Exit, Service	50%			2040	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 202/ LADDER CO. 101
Asset # : 13099

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								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2040	* *	1	$3,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front And Two Sides Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2061	* *	1		
Corroded, Extent : Light, Area Affected : 100%								
Location : Cellar								
Conversion Equipment								
Hot Water Boiler	100%			2052	* *	1	$4,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit.								
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	$700	
Terminal Devices								
Convector/Radiator	100%	0-2	$14,800	2033	$74,000	1	$2,600	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium. Leaking Radiator								
Not Energy Efficient, Extent : Moderate, Area Affected : 60%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 202/ LADDER CO. 101
Asset # : 13099

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	40%	0-2	$8,600	2040	* *			
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : One Unit Is Not Working In First Floor								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof And Side Wall.								
Explanation : R-410a								
Window/Wall Unit	30%	0-2	$1,000	2028	$10,300	1		
Broken, Extent : Moderate, Area Affected : 20%								
Location : Various Locations. Three Units Are Not Working								
Not Energy Efficient, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	40%	0-2	$3,900	2040	* *	1	$1,100	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Second Floor Locker Room								
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	40%			2040	* *	2	$2,500	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$1,500	
No Component	70%							
Exhaust Fans								
Interior	20%			2040	* *	2	$100	
Roof	20%	0-2	$400	2043	* *	2		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : Womens Bathroom								
Wall Unit	30%			2035	$1,200	2	$100	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallon								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 202/ LADDER CO. 101
Asset # : 13099

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	$11,400	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Basement, Apparatus Floor And Left Side Alley								
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Storm Drain Piping								
Cast Iron	5%	0-2	$1,000	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Cast Iron	95%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$300	4		$300
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar								
Explanation : Heavy Usage From Water Infiltration And Undersized								
Fixtures								
Generic	100%							
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Mens Bathroom								
Explanation : Damaged								
Fire Suppression								
Chemical System								
No Component	99%							
Generic	1%			2030	$600	1-10		$300
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Kitcken Hood 4 Feet X 6 Feet Which Equals 24 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 205/ LADDER CO. 118**		
Address	: **74 MIDDAGH STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.205 / 13101**	**Yr Built/Renovated**	: **1929 / 2009**
Area Sq Ft	: **6,128**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **25-Jan-2024**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **216** **Lot** : **22**	**BIN**	: **3001600**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$83,300
Mechanical		$141,100
Total		**$224,300**
Importance Code B		$224,300
Total		**$224,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$66,100	$1,600		
Interior Architecture	$73,100	$300		$1,500
Electrical	$200	$300	$200	$1,100
Mechanical	$16,000	$1,300	$1,100	$1,100
Site Enclosure	$800			
Total	**$156,200**	**$3,600**	**$1,300**	**$3,700**
Importance Code A	$66,700	$2,200	$600	$600
Importance Code B	$53,600	$1,100	$700	$3,100
Importance Code C	$35,900	$300		
Total	**$156,200**	**$3,600**	**$1,300**	**$3,700**

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

FIRE DEPARTMENT - 057
ENGINE CO. 205/ LADDER CO. 118
Asset # : 13101

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	$30,000	LIFE	* *	5	$16,600	
Spalling, Extent : Light, Area Affected : 1%								
Location : Over Side Entrance Door								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Stair To Basement And Offices								
Masonry: Granite	2%	0-2	$3,600	LIFE	* *	5	$300	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	13%	Now	$23,300	LIFE	* *	5	$2,000	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Sect. OHD	5%			2033	$41,300	5	$3,200	
Windows								
Aluminum	100%			2051	* *	5	$1,900	
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parapet								
Explanation : Brick Parapet Exterior								
Masonry: Limestone	8%			LIFE	* *	5	$300	
Pre-cast Concrete	12%	0-2	$600	LIFE	* *	5	$2,000	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : Parapet								
Stucco Cement	40%	0-2	$3,600	2048	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Parapet								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parapet								
Explanation : Brick Has Stucco Covering On Parapet Interior								
Roof								
Modified Bitumen	100%	Now	$5,100	2040	* *			
Blisters, Extent : Light, Area Affected : 10%								
Location : Roof								
Drains Clogged, Extent : Moderate, Area Affected : 5%								
Location : Rear Of Upper 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
ENGINE CO. 205/ LADDER CO. 118
Asset # : 13101

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%	2-4	$10,300	LIFE	* *	5	$12,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor								
Mosaic Tile	10%			2040	* *	5	$2,300	
Vinyl Tile	30%	Now	$8,300	2035	$83,300	3	$1,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Offices								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Offices								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Kitchen								
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *			
Ceramic Tile	5%			2038	* *	5	$600	
Gypsum Board	10%	Now	$900	LIFE	* *	5	$700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Locker								
Masonry: Brick	25%	Now	$31,000	LIFE	* *			
Spalling, Extent : Light, Area Affected : 2%								
Location : Stairwell At Basement Level								
Plaster	20%	Now	$3,200	LIFE	* *	5	$700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Front Offices								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	30%	Now	$2,500	2040	* *	5	$1,400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 2nd Floor And Basement								
Staining/Discoloring, Extent : Light, Area Affected : 25%								
Location : Kitchen								
Exposed Struc: Steel	30%	Now	$14,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Sidewalk Bilco Door								
Plaster	40%	4+	$2,400	LIFE	* *	5	$2,300	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Apparatus Ceiling								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$800	2045	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rear Yard								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Rear Yard								
Free Standing Walls								
Cast in Place Concrete	100%			2055	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 205/ LADDER CO. 118
Asset # : 13101

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%			2040	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2040	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2040	* *			

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%			2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	5	$200	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2043	* *	5		
Molded Case Bkrs	90%			2043	* *	5	$100	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	$20,000	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$700	
Exit, LED	50%			2063	* *	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor								
Explanation : Cameras Security 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.*

FIRE DEPARTMENT - 057
ENGINE CO. 205/ LADDER CO. 118
Asset # : 13101

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%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Natural Gasoline Steam Boiler								
Distribution								
Steam Piping/Pump	100%			2045	* *			
Terminal Devices								
Convector/Radiator	100%			2033	$54,900	1	$2,000	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	20%	0-2	$2,100	2036	$21,200	2	$100	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Package Unit Located In Basement Is Not Working.								
Split Unit	30%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units. R-410a								
Window/Wall Unit	20%	0-2	$3,100	2035	$5,100	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	30%			2043	* *	1	$600	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2040	* *	2	$1,300	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$1,000	
Ductwork/Diffusers	20%			LIFE	* *	2-5	$700	
No Component	50%							
Exhaust Fans								
Interior	30%			2040	* *	2	$100	
Roof	10%			2040	* *	2		
Wall Unit	10%	0-2	$100	2035	$300	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Area								
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. 205/ LADDER CO. 118
Asset # : 13101

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%	Now	$8,600	2035	$86,200	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor To Basement Leaking Slop Sink								
Water Heater With Tanks								
Gas Fired	100%			2034	$18,700	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One New 74 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$1,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Outside Alley								
Sump Pump(s)								
Submersible	100%	0-2	$100	2028	$200	4	$100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **08-Jul-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **2929** **Lot** : **53**	**BIN**	: **3070506**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$317,700	
Electrical	$101,800	
Mechanical	$58,100	$55,800
Total	**$477,700**	**$55,800**
Importance Code A	$317,700	
Importance Code B	$160,000	$55,800
Total	**$477,700**	**$55,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$11,000			
Interior Architecture	$65,200		$400	
Electrical	$800	$3,600	$700	$700
Mechanical	$24,000	$37,600	$4,100	$3,300
Site Pavements	$3,200			
Total	**$104,200**	**$41,200**	**$5,200**	**$4,000**
Importance Code A	$11,500	$600	$500	$500
Importance Code B	$75,700	$40,600	$4,700	$3,500
Importance Code C	$17,000			
Total	**$104,200**	**$41,200**	**$5,200**	**$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. 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%	Now	$317,700	LIFE	* *	5	$19,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Front Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Overhead Door Opening								
Wood Overhead Doors	10%			2046	* *	5	$10,700	
Windows								
Aluminum	100%	Now	$2,600	2049	* *	5	$300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Kitchen And Office								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Single Pane Windows								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$300	LIFE	* *	5	$600	
Caulking Deteriorated, Extent : Light, Area Affected : 15%								
Location : Parapet								
Concrete Masonry Unit	45%			LIFE	* *	5	$400	
Masonry: Brick	45%			LIFE	* *	5	$400	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Exterior Parapet								
Roof								
Modified Bitumen	100%	2-4	$8,200	2041	* *			
Blisters, Extent : Light, Area Affected : 10%								
Location : Throughout								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	40%	Now	$25,900	LIFE	* *	5	$13,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Ceramic Tile	35%			2042	* *	5	$5,300	
Quarry Tile	5%			2046	* *	5	$1,100	
Vinyl Tile	20%			2038	* *	3	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$900	2042	* *	5	$400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Slop Sink								
Concrete Masonry Unit	35%	Now	$13,000	LIFE	* *	5	$1,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Wall Between Apparatus And Gear Storage								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Gear Storage								
SGFT/Glazed Masonry	55%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	90%	Now	$22,800	2046	* *	5	$6,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 80%								
Location : Boiler Room								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Staining/Discoloring, Extent : Severe, Area Affected : 5%								
Location : Apparatus Room And Throughout								
Plaster	10%			LIFE	* *	5	$1,000	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$3,200	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Front Apron								

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%			2053	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	* *	5	$300	
Raceway								
Conduit	80%			2033	$29,500	1		
Conduit	20%			2053	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 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								
Panelboards								
Molded Case Bkrs	20%			2049	* *	5	$100	
Molded Case Bkrs	80%			2032	$39,700	5	$200	
Wiring								
Thermoplastic	80%			2033	$26,600	1		
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$13,200	1	$3,100	
Generators								
Diesel	100%			2029	$101,800	1	$3,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : No Available Nameplate Rating Capacity								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$400	
Fuel Storage								
Main Tank	100%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
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%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	$5,000	
Distribution								
Hot Wtr Piping/Pump	100%			2041	* *	4	$500	

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

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

Mechanical	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	75%			2038	* *	1	$2,500	
Unit Heater - Hot Water	25%			2028	$15,100			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	50%			2033	$55,800	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit, Roof								
Window/Wall Unit	50%	0-2	$5,800	2028	$19,300	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$3,400	
No Component	40%							
Exhaust Fans								
Roof	60%	0-2	$2,400	2033	$11,900	2	$100	
Not in Service, Extent : Moderate, Area Affected : 70%								
Location : Roof								
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2031	$8,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Utility Room								
Explanation : One 75 Gallon Unit								
Gas Fired	50%			2027	$8,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Utility Room								
Explanation : One 75 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2027	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: ENGINE CO. 209/ LADDER CO. 102		
Address	: 850 BEDFORD AVENUE BET MYRTLE AVE AND PARK AVE		
Borough	: BROOKLYN	**Agency's Number**	: N/A
Program / Asset #	: FIRSECO.209 / 13104	**Yr Built/Renovated**	: 1965 / 2012
Area Sq Ft	: 8,727	**Project Type**	: FIRE DEPARTMENT
Date of Survey	: 07-Feb-2024	**Landmark Status**	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 1900 **Lot** : 50	**BIN**	: 3054771

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$123,200
Electrical	$75,800	$65,000
Mechanical	$58,100	$92,700
Total	**$133,900**	**$281,000**
Importance Code A		$216,000
Importance Code B	$133,900	$65,000
Total	**$133,900**	**$281,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$51,900	$200		$100
Interior Architecture	$60,100	$1,100		$1,300
Electrical	$7,000	$400	$400	$33,000
Mechanical	$7,800	$24,200	$3,600	$16,700
Site Enclosure	$5,400			
Site Pavements	$11,600			
Total	**$143,700**	**$25,900**	**$4,000**	**$51,100**
Importance Code A	$52,300	$600	$400	$600
Importance Code B	$68,000	$24,400	$3,500	$50,600
Importance Code C	$23,400	$800		
Total	**$143,700**	**$25,900**	**$4,000**	**$51,100**

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. 209/ LADDER CO. 102
Asset # : 13104

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%	Now	$16,900	LIFE	* *	5	$4,100	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor Rear At Air Conditioner Opening								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Front Facade								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Rear Of Building								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor Rear At Air Conditioner Opening								
Explanation : Opening Cut In Brick Wall For Air Conditioner. Brick Missing And No Lintel Installed.								
Metal Sect. OHD	15%	4+	$4,500	2040	* *	5	$1,900	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Bottom Of Over Head Door								
Pre-cast Concrete	35%			LIFE	* *	5	$9,300	
Windows								
Aluminum	100%	0-2	$900	2043	* *	5	$500	
Caulking Deteriorated, Extent : Light, Area Affected : 15%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	35%	Now	$3,900	LIFE	* *	5	$8,300	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Low Roof Parapet								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Of Parapet								
Explanation : Cast Stone Coping And On Exterior Of Parapet								
Masonry: Brick	63%	0-2	$4,900	LIFE	* *	5	$1,900	
Efflorescence, Extent : Light, Area Affected : 25%								
Location : Back Faces Of Parapets								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Faces Of The Building Parapet								
Explanation : Parapet At Facade Is Precast Concrete								
Metal Panel	2%			2055	* *	5	$200	
Roof								
Asphalt Shingle	10%			2038	* *	10	$200	
Debris on Roof, Extent : Moderate, Area Affected : 15%								
Location : Rear Roof								
Modified Bitumen	90%	0-2	$6,200	2035	$123,200			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Upper Roof								
Soffits								
Cast in Place Concrete	100%	2-4	$14,700	LIFE	* *	5	$4,100	
Water Penetration, Extent : Moderate, Area Affected : 35%								
Location : Front Facade								
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. 209/ LADDER CO. 102
Asset # : 13104

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%	4+	$10,400	LIFE	* *	5	$13,400	
Loose/Delam Surface, Extent : Light, Area Affected : 5%								
Location : Basement Storage Room								
Mosaic Tile	5%			2040	* *	5	$1,500	
Quarry Tile	5%	Now	$2,300	2040	* *	5	$500	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Explanation : Substrate Rotted, Floor Has Noticable Deflection And Movement								
Vinyl Tile	38%	2-4	$25,700	2045	* *	3	$1,700	
Worn/Erode, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Wood	2%			2063	* *	5	$500	
Interior Walls								
Ceramic Tile	10%			2038	* *	5	$1,700	
Concrete Masonry Unit	30%			LIFE	* *	5	$2,000	
Masonry: Brick	5%	4+	$3,200	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Plaster	25%	4+	$2,000	LIFE	* *	5	$1,300	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
SGFT/Glazed Masonry	30%	Now	$9,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bunkroom, Throughout 1st Floor								
Ceilings								
AcousTileSusp.Lay-In	20%	Now	$800	2040	* *	5	$1,200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								
Exposed Struc: Concrete	45%			LIFE	* *	5	$900	
Plaster	35%	2-4	$6,500	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$5,400	2045	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 75%								
Location : Rear Yard On Retaining Wall								
Impact Damage, Extent : Light, Area Affected : 10%								
Location : Gate								
Retaining Walls								
Cast in Place Concrete	100%			2055	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 209/ LADDER CO. 102
Asset # : 13104

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	35%	Now	$2,800	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Side Driveway								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Side Driveway								
Explanation : Overgrown With Vegetation								
Asphalt	65%	Now	$900	2038	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rear Parking Lot								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Rear Parking Lot								
Explanation : Rodent Infestation In Holes At Parking Lot								
Activity Yard								
Asphalt	100%	Now	$7,900	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Rear Yard								
Potholes, Extent : Moderate, Area Affected : 25%								
Location : Rear Yard								

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%			2035	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$200	
Raceway								
Conduit	75%			2035	$27,600	1		
Conduit	25%			2045	* *	1		
Panelboards								
Molded Case Bkrs	25%			2043	* *	5	$100	
Molded Case Bkrs	75%			2034	$37,200	5	$200	
Wiring								
Braided Cloth	20%	2-4	$6,700	2060	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	80%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5	$100	
Ground								

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FIRE DEPARTMENT - 057
ENGINE CO. 209/ LADDER CO. 102
Asset # : 13104

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	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Beside Electrical Room								
Explanation : Connected To The Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	100%			2030	$75,800	10	$8,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Exterior Lighting								
HID	20%			2030	$8,100	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2030	$16,400	1	$3,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2045	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2033	$92,700	1	$4,300	
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Aged								
Terminal Devices								
Convector/Radiator	60%			2033	$42,800	1	$1,700	
Unit Heater - Hot Water	25%			2035	$12,900			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Apparatus Floor And Gymnasium								
Explanation : 4 Units								
No Component	15%							
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 209/ LADDER CO. 102
Asset # : 13104

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	20%			2035	$41,400			
Window/Wall Unit	40%	0-2	$700	2030	$13,200	1		
Broken, Extent : Moderate, Area Affected : 5%								
Location : Second Floor. Broken Seal Around The Window Air Condition								
Window/Wall Unit	20%	Now	$1,300	2033	$6,600	1		
Broken, Extent : Moderate, Area Affected : 100%								
Location : Second Floor								
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	20%			2035	$42,600	1	$600	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2035	$4,000	2	$1,200	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,000	
No Component	80%							
Exhaust Fans								
Interior	10%	Now	$800	2035	$3,900	2		
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Second Floor								
Explanation : Toilet Exhaust Is Not Working								
Roof	20%			2040	* *	2	$100	
Wall Unit	30%	0-2	$1,100	2045	* *	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor And Staircase								
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$300	2030	$300	4	$200	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
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. 209/ LADDER CO. 102
Asset # : 13104

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%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : 1 Set Fire Suppression On Kitchen Hood 4 Feet X 8 Feet Which Equals 32 Square Feet								

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

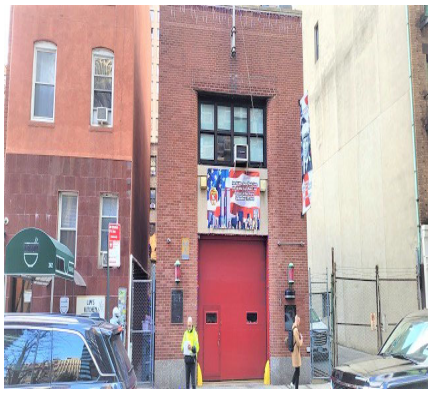
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 21**		
Address	: **238 EAST 40th STREET BTWN 2ND AVE. - 3RD AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.021 / 13015**	**Yr Built/Renovated**	: **1940 /**
Area Sq Ft	: **3,759**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **06-Dec-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **920** **Lot** : **42**	**BIN**	: **1020385**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$413,700	
Total	**$413,700**	
Importance Code B	$413,700	
Total	**$413,700**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$3,000	$800		$6,300
Interior Architecture	$10,100	$600	$400	
Electrical	$12,200			$1,200
Mechanical	$2,700	$500	$1,000	$45,600
Total	**$27,900**	**$2,000**	**$1,500**	**$53,000**
Importance Code A	$3,400	$1,200	$400	$6,600
Importance Code B	$21,200	$800	$700	$46,400
Importance Code C	$3,300		$400	
Total	**$27,900**	**$2,000**	**$1,500**	**$53,000**



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. 21
Asset # : 13015

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	$16,500	
Masonry: Granite	5%			LIFE	* *	5	$700	
Metal Sect. OHD	10%			2052	* *	5	$6,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Apparatus Overhead Door								
Explanation : Fiberglass Door								
Windows								
Aluminum	100%			2043	* *	5	$1,700	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$2,000	
Masonry: Limestone	10%			LIFE	* *	5	$300	
Roof								
Modified Bitumen	98%			2040	* *	10	$6,300	
Skylight, Metal/Glass	2%			2045	* *	10	$400	
Interior								
Floors								
Cast in Place Concrete	45%	Now	$232,000	LIFE	* *	5	$6,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Temporary Support Columns Installed Blow Apparatus Floor								
Ceramic Tile	10%			2048	* *	5	$600	
Vinyl Tile	45%			2040	* *	3	$1,000	
Interior Walls								
Ceramic Tile	10%			2044	* *	5	$800	
Gypsum Board	25%			LIFE	* *	5	$1,200	
Plaster	35%	Now	$3,300	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout And Stairwell To Basement								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout And Hose Tower								
SGFT/Glazed Masonry	30%			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. 21
Asset # : 13015

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%			2052	* *	5	$600	
Exposed Struc: Concrete	20%	Now	$181,700	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 10%								
Location : Hose Tower And Basement								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Apparatus Floor And Basement Ceiling								
Explanation : Structurally Insufficient, Temporary Support Columns Installed								
Plaster	70%	Now	$6,500	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stair Bulkhead, Hose Tower								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2045	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			

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%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Raceway								
Conduit	90%			2035	$33,100	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	3%			2034	$1,500	5		
Fused Disc Sw	2%			2043	* *	5		
Molded Case Bkrs	65%			2034	$32,300	5	$100	
Molded Case Bkrs	30%			2043	* *	5		
Wiring								
Thermoplastic	70%			2035	$23,300	1		
Thermoplastic	30%			2045	* *	1		
Ground								

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

FIRE DEPARTMENT - 057
ENGINE CO. 21
Asset # : 13015

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%	2-4	$10,400	LIFE	* *	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Water Basement								
Lighting								
Interior Lighting								
Fluorescent	2%			2030	$700	10	$100	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Crawl Space								
LED	98%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$500	
Exit, LED	50%			2063	* *	1		
Exterior Lighting								
HID	10%	0-2	$1,800	2045	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Exterior								
LED	10%			2040	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%			2045	* *			
Terminal Devices								
Convector/Radiator	100%			2040	* *	1	$1,200	
Controls								
Electrical	100%			2030	$20,900			
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	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. 21
Asset # : 13015

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								
Interior Pkg Unit - Cooling	10%			2036	$5,900	2		
Split Unit	30%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Locker And Bunker Room								
Explanation : R410a								
Window/Wall Unit	50%			2030	$7,100	1		
No Component	10%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2035	$9,800	2	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
Ventilation								
Exhaust Fans								
Wall Unit	100%			2035	$1,600	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar								
Explanation : Hard To Access For Maintenance								
Sanitary Piping								
Cast Iron	80%			LIFE	* *	1		
Cast Iron	20%	0-2	$900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : 1st And 2nd Floor Sink Blocked								
Storm Drain Piping								
Cast Iron	100%	Now	$700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement When It Rains And Alleyway Backup								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 210**		
Address	: **160 CARLTON AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.210 / 13105**	**Yr Built/Renovated**	: **1913 / 2003**
Area Sq Ft	: **6,780**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **07-Feb-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2072** **Lot** : **33**	**BIN**	: **3058296**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical	$58,100	$93,800
Total	**$58,100**	**$93,800**
Importance Code B	$58,100	$93,800
Total	**$58,100**	**$93,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$16,100	$13,100		$4,500
Interior Architecture	$58,600	$400		$1,300
Electrical		$100		$100
Mechanical	$27,600	$3,100	$3,500	$44,800
Site Pavements	$2,500			
Total	**$104,800**	**$16,700**	**$3,500**	**$50,700**
Importance Code A	$16,400	$13,500	$300	$4,900
Importance Code B	$85,000	$2,900	$3,200	$45,800
Importance Code C	$3,300	$400		
Total	**$104,800**	**$16,700**	**$3,500**	**$50,700**

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. 210
Asset # : 13105

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	$21,700	
Masonry: Limestone	10%			LIFE	* *	5	$2,200	
Metal Sect. OHD	10%			2040	* *	5	$9,000	
Granite Panels	5%			LIFE	* *	5	$1,100	
Windows								
Aluminum	100%	Now	$3,700	2043	* *	5	$400	
Hardware Missing, Extent : Moderate, Area Affected : 50%								
Location : 3rd Floor Cardio Room								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$1,700	
Masonry: Brick	35%			LIFE	* *	5	$800	
Metal Rail	55%			2048	* *	5-10	$21,600	
Roof								
Modified Bitumen	95%	4+	$7,400	2040	* *			
Blisters, Extent : Light, Area Affected : 10%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Roof Hatch								
Skylight, Metal/Glass	5%	Now	$5,000	2055	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Interior								
Floors								
Cast in Place Concrete	30%	Now	$13,200	LIFE	* *	5	$6,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Apparatus Floor And Basement Floor								
Ceramic Tile	5%	Now	$1,500	2038	* *	5	$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Mosaic Tile	10%			2040	* *	5	$2,600	
Wood	55%	2-4	$33,900	2050	* *	5	$5,300	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
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
ENGINE CO. 210
Asset # : 13105

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	$800	
Concrete Masonry Unit	25%			LIFE	* *	5	$1,600	
Gypsum Board	30%			LIFE	* *	5	$2,800	
Gypsum Board	7%	Now	$1,500	LIFE	* *	5	$700	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Kitchen Entry								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Back Wall								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Cementitious Panel								
Masonry: Brick	30%			LIFE	* *			
Metal Panel	3%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%	2-4	$200	2040	* *	5	$200	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Basement								
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	50%	Now	$4,300	LIFE	* *	5	$6,100	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Bunk Room And 3rd Floor Locker Room								
Metal Panel	25%	Now	$4,100	LIFE	* *	5	$3,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : Kitchen Sink								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$700	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Sidewalk Carlton Avenue								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$1,800	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Front Apron								

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
ENGINE CO. 210
Asset # : 13105

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%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5		
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	10%			2043	* *	5		
Molded Case Bkrs	90%			2043	* *	5	$200	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Electrical Room								
Explanation : Connected To The Main Water Pipe								
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Egress Lighting								
Emergency, Battery	50%			2043	* *	10	$800	
Exit, Battery	50%			2043	* *	10	$200	
Exterior Lighting								
LED	20%			2035	$7,300			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 210
Asset # : 13105

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%			2040	* *	1	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Package Units								
Hot Water Boiler	50%			2048	* *	1	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	50%			2051	* *	4	$300	
No Component	50%							
Terminal Devices								
Convector/Radiator	40%	0-2	$4,400	2048	* *	1	$800	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Second Floor Radiator Is Not Working								
Unit Heater - Hot Water	10%			2040	* *			
No Component	50%							
Controls								
Electrical	100%	0-2	$18,800	2030	$37,700			
Broken, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	45%			2040	* *	2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units, R-22 Refrigerant								
Ext Pkg Unit - Heating/Cooling	5%	0-2	$600	2040	* *	2		
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Thermostat								
Split Unit	5%	0-2	$400	2040	* *			
Broken, Extent : Moderate, Area Affected : 5%								
Location : Second Floor Locker Room								
Window/Wall Unit	10%			2033	$2,600	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$2,300	
No Component	40%							

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

FIRE DEPARTMENT - 057
ENGINE CO. 210
Asset # : 13105

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	60%			2040	* *	2	$100	
No Component	40%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Apparatus Room								
Explanation : Insufficient Ventilation In Building								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units 75 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	70%			2035	$1,000	4	$200	
Submersible	30%			2027	$100	4	$100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2035	$93,800	1-2	$1,900	
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression System 5 Feet X 8 Feet Which Equals 40 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **21-Oct-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4,5**		
Block	: **2203** **Lot** : **16**	**BIN**	: **3060298**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$593,900	$184,100
Interior Architecture	$491,200	
Electrical	$49,100	$301,500
Mechanical	$95,000	$231,300
Total	**$1,229,300**	**$716,800**
Importance Code A	$593,900	$184,100
Importance Code B	$635,400	$532,800
Total	**$1,229,300**	**$716,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$2,000		$12,000	
Interior Architecture	$52,500	$1,100	$1,000	$3,700
Electrical	$6,300	$3,000	$8,700	$3,100
Mechanical	$45,300	$2,500	$41,300	$3,200
Elevators/Escalators	$7,400	$7,400	$7,400	$7,400
Total	**$113,600**	**$14,100**	**$70,400**	**$17,500**
Importance Code A	$3,400	$1,400	$13,500	$1,400
Importance Code B	$80,400	$12,700	$57,000	$16,100
Importance Code C	$29,800			
Total	**$113,600**	**$14,100**	**$70,400**	**$17,500**

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. 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%			LIFE	* *	5	$12,500	
Stucco Cement	70%	Now	$593,900	2039	* *	5	$43,700	
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Left Side Facade At All Floors And Stairwells								
Wood Overhead Doors	5%			2039	* *	5	$12,500	
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Left Jamb At Middle Door								
Explanation : Misaligned And Broken								
Windows								
Aluminum	100%			2042	* *	5	$4,000	
Parapets								
Metal Panel	100%			2054	* *	5	$11,600	
Roof								
Modified Bitumen	100%			2034	$184,100	10	$16,800	
Soffits								
Wood	100%			2039	* *	5		
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$18,500	
Ceramic Tile	5%			2043	* *	5	$2,100	
Quarry Tile	3%			2039	* *	5	$1,900	
Terrazzo	2%			LIFE	* *	5	$700	
Vinyl Tile	70%	Now	$491,200	2042	* *	3	$11,100	
Broken/Missing Elements, Extent : Light, Area Affected : 50%								
Location : Various Locations Throughout								
Interior Walls								
Cast in Place Concrete	30%			LIFE	* *			
Ceramic Tile	5%	Now	$12,300	2037	* *	5	$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 60%								
Location : 3rd Floor Shower Area Adjacent To Gymnasium								
Concrete Masonry Unit	25%			LIFE	* *	5	$4,500	
Gypsum Board	15%			LIFE	* *	5	$4,000	
Plaster	10%	Now	$5,400	LIFE	* *	5	$1,300	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Left Side Of Building At Stairwell								
SGFT/Glazed Masonry	15%	Now	$12,100	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : 1st Floor In Apparatus Area By Overhead Doors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Interior								
Ceilings								
AcousTileSusp.Lay-In	50%	Now	$17,600	2039	* *	5	$10,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout Various Offices								
Exposed Struc: Concrete	30%			LIFE	* *	5	$2,000	
Plaster	20%	Now	$5,200	LIFE	* *	5	$5,300	
Paint Peeling, Extent : Light, Area Affected : 2%								
Location : 2nd Floor Locker Room								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : 2nd Floor Locker Room								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2044	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Front Of The Building								
On-Site Walkways								
Cast in Place Concrete	100%			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%			2054	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 400 Ampere Main Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2054	* *	5	$700	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	25%			2050	* *	5	$200	
Molded Case Bkrs	75%			2042	* *	5	$600	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
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. 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
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$8,700	
Generators								
Diesel	100%			2037	* *	1	$11,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior								
Explanation : 125 Watt Generator								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$1,000	
Fuel Storage								
Day Tank	100%			2042	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : 125 Gallon								
Lighting								
Interior Lighting								
Fluorescent	20%			2029	$49,100	10	$5,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	30%			2034	$73,700	10	$7,800	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : 4th And 5th Floors								
LED	50%			2034	$174,700			
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : 4th And 5th Floors								
Egress Lighting								
Emergency, Service	20%			2034	$3,500	1		
No Component	80%							
Exterior Lighting								
HID	20%			2034	$26,400	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2034	$53,100	1	$10,600	

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%			2054	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2047	* *	1	$14,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 1 Hot Water Boiler								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Heating								
Distribution								
Hot Wtr Piping/Pump	100%			2050	* *	4	$1,400	
Terminal Devices								
Convector/Radiator	100%			2032	$231,300	1	$9,100	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2029	$95,000	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Split Unit	5%			2029	$33,600			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : R 410a								
Window/Wall Unit	40%			2027	$42,900	1		
No Component	35%							
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$7,400	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$15,800	
Exhaust Fans								
Roof	70%			2034	$38,400	2	$600	
Wall Unit	30%			2034	$3,700	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2054	* *	1		
Galvanized Steel	50%			2039	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Two 75 Gallon Water Heaters And One Is An Instantaneous Heater.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 5th Floor								
Explanation : One Unit								
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2029	$1,200	1-10	$600	

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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 214**		
Address	: **495 HANCOCK STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.214 / 13108**	**Yr Built/Renovated**	: **1965 /**
Area Sq Ft	: **7,040**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **06-Mar-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1654** **Lot** : **45**	**BIN**	: **3045695**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$114,600	
Mechanical	$58,100	$51,800
Total	**$172,700**	**$51,800**
Importance Code A	$114,600	
Importance Code B	$58,100	$51,800
Total	**$172,700**	**$51,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$72,000	$3,300		
Interior Architecture	$26,800	$2,200		$400
Electrical	$300	$400	$300	$400
Mechanical	$14,400	$7,100	$3,300	$60,000
Site Enclosure	$1,800			
Total	**$115,200**	**$12,900**	**$3,600**	**$60,800**
Importance Code A	$72,300	$3,600	$300	$400
Importance Code B	$25,500	$8,900	$3,200	$60,500
Importance Code C	$17,400	$400		
Total	**$115,200**	**$12,900**	**$3,600**	**$60,800**

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. 214
Asset # : 13108

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	1%			2045	* *	10	$100	
Masonry: Brick	59%	Now	$48,600	LIFE	* *	5	$11,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : At North Exit								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 30%								
Location : Throughout Exterior Facades								
Masonry: Brick	20%	Now	$65,900	LIFE	* *	5	$4,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stair And Hose Tower								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Stair And Hose Tower								
Vertical Cracks, Extent : Severe, Area Affected : 10%								
Location : Stair And Hose Tower								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stair And Hose Tower								
Explanation : Newer Brick Material								
Masonry: Granite	5%	2-4	$23,600	LIFE	* *	5	$800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Adjacent To Over Head Door								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Over Head Door Header								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : Adjacent To Over Head Door								
Masonry: Limestone	5%	4+	$7,900	LIFE	* *	5	$800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Front Facade								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Metal Sect. OHD	10%			2048	* *	5	$6,300	
Windows								
Aluminum	100%	Now	$16,300	2043	* *	5	$900	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 5%								
Location : Basement Windows								
Parapets								
Masonry: Brick	90%	Now	$14,000	LIFE	* *	5	$2,200	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Masonry: Limestone	10%	Now	$1,500	LIFE	* *	5	$300	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Coping								

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FIRE DEPARTMENT - 057
ENGINE CO. 214
Asset # : 13108

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								
Asphalt Shingle	10%			2038	* *	10	$200	
Modified Bitumen	87%	Now	$8,600	2040	* *			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Main Roof And Hose Tower Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Skylight, Metal/Glass	3%			2045	* *	10	$900	
Interior								
Floors								
Cast in Place Concrete	55%			LIFE	* *	5	$12,300	
Mosaic Tile	10%			2048	* *	5	$2,600	
Quarry Tile	5%	4+	$800	2040	* *	5	$400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Worn/Erode, Extent : Light, Area Affected : 50%								
Location : Kitchen								
Vinyl Tile	30%	2-4	$4,200	2040	* *	3	$1,200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor								
Interior Walls								
Ceramic Tile	5%			2038	* *	5	$700	
Masonry: Brick	20%			LIFE	* *			
Plaster	35%	Now	$6,300	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Hose Tower, 2nd Floor Corridor And Stairwell								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Stairwell								
SGFT/Glazed Masonry	35%	4+	$9,300	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor								
Wood	5%			LIFE	* *	5	$3,000	
Ceilings								
AcousTileSusp.Lay-In	10%			2048	* *	5	$1,000	
Exposed Struc: Concrete	15%			LIFE	* *	5	$200	
Exposed Struc: Steel	35%			LIFE	* *			
Plaster	40%	Now	$6,200	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Hose Tower, Stairwell								
Site Enclosure								
Fence/Gates								
Chain Link	100%	4+	$1,800	2045	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Rear Yard								

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FIRE DEPARTMENT - 057
ENGINE CO. 214
Asset # : 13108

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								
Cast in Place Concrete	100%			2055	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2048	* *			

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%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	5	$200	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Molded Case Bkrs	100%			2043	* *	5	$200	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2035	$5,900	10	$900	
Exit, LED	50%			2063	* *	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior								
Explanation : CCTV System								

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

FIRE DEPARTMENT - 057
ENGINE CO. 214
Asset # : 13108

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%			2045	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cellar Boiler Room								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	$500	
Terminal Devices								
Convector/Radiator	90%	0-2	$2,600	2033	$51,800	1	$1,800	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Locker Room And Office								
Unit Heater - Steam	10%	4+	$1,200	2030	$4,000	4	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : On Extended Life Time								
Controls								
Electrical	100%			2030	$39,100			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	10%			2035	$16,700			
Window/Wall Unit	50%	0-2	$4,000	2030	$13,300	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2035	$12,900	1	$200	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2035	$1,200	2	$500	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$1,000	
No Component	75%							

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FIRE DEPARTMENT - 057
ENGINE CO. 214
Asset # : 13108

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	15%			2035	$2,000	2		
Wall Unit	16%	0-2	$500	2030	$500	2		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Explanation : Damaged								
No Component	69%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cellar								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	10%	Now	$2,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Water Backs Up In Basement And Apparatus Floor								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : 1 Set Covers 20 Square Feet								

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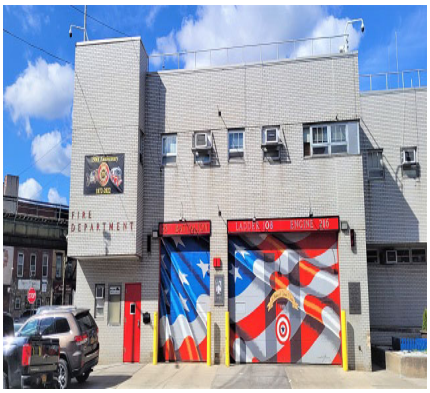
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 216/LADDER CO. 108 (COMBINED FACILITY) 76TH PCT**		
Address	: **187 UNION AVENUE @JOHNSON AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.216 / 13109**	**Yr Built/Renovated**	: **1971 /**
Area Sq Ft	: **8,880**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **18-Mar-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2465** **Lot** : **100**	**BIN**	: **3063633**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$120,500	
Interior Architecture	$183,700	$276,200
Mechanical	$58,100	
Total	**$362,300**	**$276,200**
Importance Code A	$120,500	
Importance Code B	$120,700	$276,200
Importance Code C	$121,100	
Total	**$362,300**	**$276,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$11,300	$4,700		$64,000
Interior Architecture	$46,800		$3,200	
Electrical	$300	$500	$300	$1,500
Mechanical	$8,000	$30,300	$2,900	$33,100
Total	**$66,500**	**$35,500**	**$6,400**	**$98,700**
Importance Code A	$11,300	$4,700		$64,000
Importance Code B	$55,200	$30,800	$4,500	$34,700
Importance Code C			$1,900	
Total	**$66,500**	**$35,500**	**$6,400**	**$98,700**



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. 216/LADDER CO. 108 (COMBINED FACILITY) 76TH PCT

Asset # : 13109

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	89%	0-2	$110,600	LIFE	* *	5	$26,900	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Relieving Angles At Front, Side And Back Facades								
Masonry: Brick	1%	Now	$9,900	LIFE	* *	5	$300	1
Vertical Cracks, Extent : Severe, Area Affected : 100%								
Location : Stairwell At Side Of Building								
Metal Sect. OHD	10%			2048	* *	5	$9,400	
Windows								
Aluminum	100%	Now	$11,300	2043	* *	5	$1,200	
Air Infiltration, Extent : Moderate, Area Affected : 10%								
Location : Chiefs Office								
Hardware Missing, Extent : Light, Area Affected : 30%								
Location : Throughout								
Parapets								
Concrete Masonry Unit	5%			LIFE	* *	5	$200	
Masonry: Brick	5%			LIFE	* *	5	$200	
Metal Cornice	20%			2050	* *	10	$2,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Parapet Coping								
Explanation : Metal Coping								
Metal Rail	70%			2040	* *	5-10	$53,900	
Roof								
Asphalt Shingle	5%			2044	* *	10	$300	
Built-Up (BUR)	95%			2040	* *	10	$28,600	
Interior								
Floors								
Cast in Place Concrete	50%	Now	$62,500	LIFE	* *	5	$32,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : First Floor Apparatus Area								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Basement And Water Meter								
Ceramic Tile	10%	Now	$8,300	2038	* *	5	$1,500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Showers								
Quarry Tile	1%	4+	$2,200	2040	* *	5	$200	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Kitchen And House Watch								
Terrazzo	5%	0-2	$27,500	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Dining Area								
Worn/Erode, Extent : Light, Area Affected : 30%								
Location : First Floor								
Vinyl Tile	34%			2035	$276,200	3	$3,800	
Worn/Erode, Extent : Moderate, Area Affected : 25%								
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

ENGINE CO. 216/LADDER CO. 108 (COMBINED FACILITY) 76TH PCT

Asset # : 13109

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%			2044	* *	5	$3,800	
Concrete Masonry Unit	39%	Now	$69,800	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Plaster	20%			LIFE	* *	5	$2,300	
Plywood/Hardboard	1%			LIFE	* *			
SGFT/Glazed Masonry	30%	Now	$51,300	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Stairwell								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Stairwell								
Explanation : Vertical Crack								
Ceilings								
AcousTileSusp.Lay-In	5%	4+	$500	2040	* *	5	$700	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Office And Eating Area								
Exposed Struc: Concrete	45%			LIFE	* *	5	$1,900	
Plaster	15%	Now	$2,500	LIFE	* *	5	$2,600	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : First Floor Apparatus Area								
Plaster	35%	Now	$5,900	LIFE	* *	5	$6,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor Slop Sink								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2045	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2040	* *			

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%			2055	* *	5	$200	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Molded Case Bkrs	100%			2043	* *	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. 216/LADDER CO. 108 (COMBINED FACILITY) 76TH PCT

Asset # : 13109

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%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$1,100	
Exit, LED	50%			2063	* *	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter Of The Building								
Explanation : CCTV Surveillance Cameras, The Monitors Are Located At The Other 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								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Located In Police Precinct Facility								
Conversion Equipment								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Water Boiler Is Located In Police Precinct Facility								
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	$700	
Terminal Devices								
Convector/Radiator	50%			2033	$36,300	1	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : There Is No Any Temperature Control In Fire Station. Temperature Controlled By Police Precinct.								
Unit Heater - Hot Water	30%			2030	$15,800			
No Component	20%							
Air Conditioning								

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

FIRE DEPARTMENT - 057

ENGINE CO. 216/LADDER CO. 108 (COMBINED FACILITY) 76TH PCT

Asset # : 13109

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%			2043	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	Now	$3,400	2035	$3,400	1		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Area And House Watch								
Window/Wall Unit	40%			2030	$13,500	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Is Either Too Hot Or Too Cold Because There Is No Temperature Control Device.								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$1,200	
No Component	75%							
Exhaust Fans								
Roof	15%			2035	$2,600	2		
Roof	10%	Now	$500	2035	$1,700	2		
Noisy/Vibrating, Extent : Severe, Area Affected : 100%								
Location : The Kitchen Hood								
Wall Unit	25%			2030	$1,000	2	$100	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	5%	0-2	$600	2045	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Brass/Copper	95%			2045	* *	1		
Water Heater With Tanks								
Electric	50%			2028	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 120 Gallon Unit								
Electric	50%			2033	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 120 Gallon Unit								
Sanitary Piping								
Cast Iron	90%			LIFE	* *	1		
Cast Iron	10%	Now	$600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Water Backs Up In Basement And Apparatus Floor								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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

FIRE DEPARTMENT - 057

ENGINE CO. 216/LADDER CO. 108 (COMBINED FACILITY) 76TH PCT

Asset # : 13109

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)								
Non-Submersible	100%			2035	$1,800	4	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Heavy Duty Duplex Pumps								
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
No Component	80%							
Generic	20%			2035	$8,200	1-5	$900	
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 25 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 217**		
Address	: **940 DEKALB AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.217 / 13110**	**Yr Built/Renovated**	: **1908 / 2002**
Area Sq Ft	: **5,298**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **13-Oct-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1601** **Lot** : **23**	**BIN**	: **3043215**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$388,300	
Mechanical	$58,100	$68,000
Total	**$446,400**	**$68,000**
Importance Code A	$388,300	
Importance Code B	$58,100	$68,000
Total	**$446,400**	**$68,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$14,100			$3,000
Interior Architecture	$43,200	$700		$2,200
Electrical	$200	$300	$200	$300
Mechanical	$11,400	$36,900	$3,400	$47,000
Total	**$68,800**	**$37,900**	**$3,700**	**$52,400**
Importance Code A	$14,600	$500	$500	$3,500
Importance Code B	$12,400	$37,400	$3,100	$48,900
Importance Code C	$41,800			
Total	**$68,800**	**$37,900**	**$3,700**	**$52,400**

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. 217
Asset # : 13110

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	5%			2045	* *	10	$400	
Masonry: Brick	70%	Now	$276,500	LIFE	* *	5	$16,800	1
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Graffiti, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Both East And West Facades								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Rear And Side Facades								
Masonry: Granite	2%			LIFE	* *	5	$400	
Masonry: Limestone	15%	Now	$56,700	LIFE	* *	5	$2,700	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood Overhead Doors	8%	Now	$55,100	2055	* *	5	$4,800	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Overhead Door								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Overhead Door								
Explanation : Age Of Mechanical Components Are Not Serviceable								
Windows								
Aluminum	100%	Now	$5,700	2043	* *	5	$300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 100%								
Location : Window Screens								
Unit Inoperable, Extent : Moderate, Area Affected : 15%								
Location : Third Floor Gymnasium								
Parapets								
Masonry: Brick	35%			LIFE	* *	5	$600	
Metal Panel	25%			2055	* *	5	$1,800	
Slate	15%	Now	$7,000	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Lower Roof Coping Stones								
Stucco Cement	25%	2-4	$600	2040	* *	5	$600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Upper Parapet								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Interior Parapet Upper Roof								
Explanation : Stucco Over Brick On Interior Parapet								

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

FIRE DEPARTMENT - 057
ENGINE CO. 217
Asset # : 13110

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								
Modified Bitumen	30%			2040	* *	10	$2,100	
Roll Roofing	68%			2031	$31,000	5	$8,000	
Wrinkling, Extent : Light, Area Affected : 10%								
Location : Upper Roof								
Skylight, Metal/Glass	2%	Now	$800	2055	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Roof Skylight								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	$9,200	
Ceramic Tile	10%			2038	* *	5	$800	
Quarry Tile	5%			2048	* *	5	$600	
Sheet Vinyl/Rubber	35%			2040	* *	5	$4,400	
Interior Walls								
Ceramic Tile	10%	Now	$700	2038	* *	5	$300	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 1%								
Location : Second And Third Floor Bathroom								
Concrete Masonry Unit	10%			LIFE	* *	5	$200	
Masonry: Brick	30%	Now	$34,700	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Basement Electric And Gymnasium								
Plaster	25%	Now	$3,700	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Hose Tower And Stairs								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Hall, Staircase And Hose Tower								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Captain Office								
SGFT/Glazed Masonry	25%	Now	$2,700	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Apparatus Room								
Diagonal Cracks, 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. Maintenance $ are aggregated over a ten-year period. 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. 217
Asset # : 13110

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	20%	Now	$1,400	2048	* *	5	$800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Second Floor Office And Kitchen								
Embossed Metal	40%			LIFE	* *	5	$1,500	
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$1,600	
Metal Panel	5%			LIFE	* *	5	$500	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2045	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			

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%			2045	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	5	$100	
Raceway								
Conduit	20%			2035	$7,400	1		
Conduit	80%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	75%			2043	* *	5	$100	
Molded Case Bkrs	20%			2034	$9,900	5		
Wiring								
Thermoplastic	80%			2045	* *	1		
Thermoplastic	20%			2035	$6,700	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5		
Ground								

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

FIRE DEPARTMENT - 057
ENGINE CO. 217
Asset # : 13110

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	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Metal Water Pipe								
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Battery	100%			2035	$8,900	10	$1,300	
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2035	$9,900	1	$2,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2040	* *	1	$5,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2035	$42,400			
Terminal Devices								
Convector/Radiator	100%			2033	$43,300	1	$1,700	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Explanation : Insufficient Heat								
Controls								
Electrical	100%			2028	$29,500			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	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. 217
Asset # : 13110

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%			2035	$12,600			
Split Unit	10%	Now	$600	2035	$12,600			
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Condensate Water Leaking To Lunch Area.								
Window/Wall Unit	40%	0-2	$4,000	2030	$8,000	1		
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Second And Third Floors								
Explanation : Second And Third Floors Are Too Hot, Need More Air Conditioning Units.								
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	20%			2035	$19,400	1	$300	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2035	$1,800	2	$700	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$400	
No Component	85%							
Exhaust Fans								
Roof	15%			2030	$1,500	2		
Wall Unit	5%	Now		2035	$100	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Third Floor Female Bathroom								
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	$68,000	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$3,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement, Second And Third Floor Bathrooms.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$200	4	$200	

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. 217
Asset # : 13110

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%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set. Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 218**		
Address	: **650 HART STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.218 / 13111**	**Yr Built/Renovated**	: **1887 / 2001**
Area Sq Ft	: **3,630**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **24-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3228** **Lot** : **13**	**BIN**	: **3073407**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$109,000	$61,400
Interior Architecture		$76,600
Electrical		$101,800
Site Pavements		$86,300
Total	**$109,000**	**$326,200**
Importance Code A	$109,000	$61,400
Importance Code B		$178,400
Importance Code C		$86,300
Total	**$109,000**	**$326,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$11,000			
Interior Architecture	$42,700		$200	$300
Electrical	$2,800	$300	$300	$300
Mechanical	$10,000	$500	$17,600	$500
Site Enclosure	$15,000			
Site Pavements				
Total	**$81,500**	**$800**	**$18,200**	**$1,000**
Importance Code A	$11,400	$400	$400	$400
Importance Code B	$30,100	$400	$17,600	$700
Importance Code C	$40,000		$200	
Total	**$81,500**	**$800**	**$18,200**	**$1,000**

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FIRE DEPARTMENT - 057
ENGINE CO. 218
Asset # : 13111

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%	Now	$109,000	LIFE	* *	5	$6,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Side Facades								
Graffiti, Extent : Moderate, Area Affected : 15%								
Location : East Facade								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 30%								
Location : Side And Rear Facades								
Paint Peeling, Extent : Moderate, Area Affected : 40%								
Location : Side And Rear Facades								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : East And Rear Facade								
Worn/Erode, Extent : Moderate, Area Affected : 30%								
Location : Side And Rear Facades								
Wood Overhead Doors	10%			2036	$21,100	5	$3,700	
Windows								
Aluminum	100%	4+	$5,100	2039	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$100	
Masonry: Brick	54%	2-4	$5,000	LIFE	* *	5	$100	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Throughout Parapet								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : Throughout Parapet								
Masonry: Brick	21%			LIFE	* *	5		
Metal Rail	10%			2036	$1,200	5-10	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Parapet								
Explanation : Decorative Rail								
Slate	5%	4+	$900	LIFE	* *	5		
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Front Of Building								
Roof								
Modified Bitumen	100%			2031	$61,400	10	$5,600	
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 218
Asset # : 13111

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	5%			2027	$5,200	3	$600	
Cast in Place Concrete	50%	Now	$5,000	LIFE	* *	5	$6,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Cellar								
Mosaic Tile	5%	4+	$1,400	2036	$27,500	5	$400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Quarry Tile	5%	4+	$1,100	2044	* *	5	$200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen Entry								
Sheet Vinyl/Rubber	20%			2036	$76,600	5	$1,800	
Vinyl Tile	15%	2-4	$1,200	2031	$24,300	3	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 2nd Floor								
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : 2nd Floor								
Interior Walls								
Ceramic Tile	5%			2034	$22,100	5	$400	
Gypsum Board	1%			LIFE	* *	5		
Masonry: Brick	15%	Now	$11,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	69%	Now	$13,500	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 35%								
Location : Throughout 2nd Floor								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor At Rear Of Building								
Wood	10%			LIFE	* *	5	$3,200	
Ceilings								
AcousTileSusp.Lay-In	10%	4+	$200	2036	$9,700	5	$300	
Staining/Discoloring, Extent : Light, Area Affected : 1%								
Location : Kitchen								
Embossed Metal	40%	Now	$3,500	LIFE	* *	5	$1,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Exposed Struc: Steel	20%			LIFE	* *			
Plaster	30%			LIFE	* *	5	$1,100	
Site Enclosure								

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FIRE DEPARTMENT - 057
ENGINE CO. 218
Asset # : 13111

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%	Now	$4,100	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Driveway Gate								
Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : Driveway Gate								
Free Standing Walls								
Masonry: Brick	100%	0-2	$10,900	2041	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 15%								
Location : Top Of Wall								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 40%								
Location : Back Yard								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Back Yard								
Explanation : Paint Peeling								
Site Pavements								
Public Sidewalk								
Asphalt	100%			2040	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2036	$4,700			
Parking/Driveway								
Cast in Place Concrete	100%			2036	$86,300			

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%			2041	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2041	* *	5	$100	
Raceway								
Conduit	100%			2041	* *	1		
Panelboards								
Molded Case Bkrs	100%			2039	* *	5	$100	
Wiring								
Thermoplastic	100%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								

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FIRE DEPARTMENT - 057
ENGINE CO. 218
Asset # : 13111

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	$13,200	1	$1,100	
Generators								
Diesel	100%			2034	$101,800	1	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 62 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$100	
Fuel Storage								
Main Tank	100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : 50 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	100%			2031	$31,500	10	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Service	50%			2031	$1,100	1		
Exit, Service	50%			2031	$800	1		
Exterior Lighting								
HID	30%			2031	$5,100	10		
No Component	70%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2031	$1,400	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front And Side Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2041	* *	1		
Conversion Equipment								
Steam Boiler	100%			2044	* *	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								

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FIRE DEPARTMENT - 057
ENGINE CO. 218
Asset # : 13111

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%			2031	$29,100			
Terminal Devices								
Convector/Radiator	100%	0-2	$600	2036	$29,700	1	$1,100	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Office Bathroom								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Apparatus Floor								
Explanation : Insufficient Heat								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$1,400	2027	$6,900	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$400	
No Component	80%							
Exhaust Fans								
Roof	20%			2031	$1,400	2		
Wall Unit	50%	0-2	$800	2041	* *	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus								
Explanation : On Extented Life Time, Inefficient Unit.								
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	$46,600	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 219/LADDER CO. 105**		
Address	: **494 DEAN STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.219 / 13112**	**Yr Built/Renovated**	: **1977 /**
Area Sq Ft	: **9,109**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **28-Sep-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1136** **Lot** : **11**	**BIN**	: **3027813**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$126,200	$112,500
Interior Architecture		$137,900
Electrical		$231,900
Mechanical	$108,800	
Total	**$235,000**	**$482,300**
Importance Code A	$126,200	$177,500
Importance Code B	$108,800	$304,800
Total	**$235,000**	**$482,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$23,400	$3,000		$4,200
Interior Architecture	$87,400	$2,800		$600
Electrical	$700	$3,300	$800	$13,700
Mechanical	$18,300	$7,600	$3,700	$44,100
Site Pavements	$6,600			
Total	**$136,400**	**$16,700**	**$4,400**	**$62,600**
Importance Code A	$23,900	$3,500	$500	$4,800
Importance Code B	$80,200	$12,300	$4,000	$57,800
Importance Code C	$32,300	$900		
Total	**$136,400**	**$16,700**	**$4,400**	**$62,600**

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FIRE DEPARTMENT - 057
ENGINE CO. 219/LADDER CO. 105
Asset # : 13112

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	$126,200	LIFE	* *	5	$15,300	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 100%								
Location : All Masonry Supporting Lintels								
Caulking Deteriorated, Extent : Moderate, Area Affected : 100%								
Location : All Masonry Control Joints								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Several Locations Along Rear And Side Facade								
Metal Panel	5%			2045	* *	5-10	$6,600	
Metal Sect. OHD	10%			2048	* *	5	$6,000	
Wood	5%			2040	* *	5	$4,800	
Windows								
Aluminum	95%	Now	$6,500	2043	* *	5	$700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Bunk Rooms								
Vinyl	5%			2048	* *	5	$100	
Parapets								
Metal Panel	5%			2045	* *	5	$100	
Pre-cast Concrete	95%	Now	$4,600	LIFE	* *	5	$3,500	
Miss/Damaged Copings, Extent : Severe, Area Affected : 5%								
Location : Missing Portion Of Coping At All Elevations								
Caulking Deteriorated, Extent : Moderate, Area Affected : 100%								
Location : All Coping Joints								
Roof								
Modified Bitumen	85%	0-2	$11,200	2035	$112,500			
Ponding, Extent : Moderate, Area Affected : 33%								
Location : Throughout								
Roll Roofing	15%	Now	$1,200	2031	$11,800	5	$1,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof								
Soffits								
Stucco Cement	100%			2040	* *	5		
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 219/LADDER CO. 105
Asset # : 13112

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%	2-4	$9,600	LIFE	* *	5	$12,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Ceramic Tile	10%	0-2	$14,100	2038	* *	5	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Showers								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout Bathrooms								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Bathroom Shower Area Ponding Near Radiator And Leaking To Below								
Quarry Tile	5%	2-4	$900	2040	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Vinyl Tile	40%	Now	$27,600	2035	$137,900	3	$1,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : Throughout 2nd Floor								
Interior Walls								
Ceramic Tile	11%			2038	* *	5	$1,900	
Concrete Masonry Unit	30%			LIFE	* *	5	$2,100	
Gypsum Board	6%			LIFE	* *	5	$600	
Plaster	5%	4+	$1,000	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor								
Plaster	13%			LIFE	* *	5	$700	
SGFT/Glazed Masonry	32%	2-4	$24,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Wood	3%			LIFE	* *	5	$2,100	

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FIRE DEPARTMENT - 057
ENGINE CO. 219/LADDER CO. 105
Asset # : 13112

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	$2,000	2040	* *	5	$800	
Broken/Missing Elements, Extent : Severe, Area Affected : 33%								
Location : 2nd Floor And Chief Office								
Worn/Erode, Extent : Severe, Area Affected : 50%								
Location : Throughout								
AcousTileSusp.Lay-In	30%			2048	* *	5	$3,700	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : 2nd Floor								
Exposed Struc: Concrete	10%			LIFE	* *	5	$200	
Metal Panel	5%	Now	$4,100	LIFE	* *	5	$800	
Bent/Warped Elements, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Bathrooms								
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Bathrooms								
Plaster	45%	Now	$3,400	LIFE	* *	5	$3,500	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 1st Floor Sitting Room And Stairs								
Site Enclosure								
Fence/Gates								
Aluminum Rail	15%			2040	* *	5-10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Guard Rail								
Chain Link	75%			2045	* *			
Iron Picket	10%			2055	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2070	* *			
Site Pavements								
Parking/Driveway								
Asphalt	50%	Now	$6,600	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 80%								
Location : Side Yard Driveway								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Driveway								
Potholes, Extent : Moderate, Area Affected : 10%								
Location : Driveway								
Cast in Place Concrete	50%			2052	* *			
Activity Yard								
Cast in Place Concrete	100%			2040	* *			

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. 219/LADDER CO. 105
Asset # : 13112

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%			2035	$65,000	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 250 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$200	
Raceway								
Conduit	100%			2035	$36,800	1		
Panelboards								
Molded Case Bkrs	100%			2034	$49,600	5	$200	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : The Water Main Is Grounded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2033	$13,200	1	$2,800	
Generators								
Diesel	100%			2031	$101,800	1	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 12 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$300	
Fuel Storage								
Day Tank	5%			2034	$1,300	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 10 Gallons Rated Capacity								
Main Tank	95%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Side Yard								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Service	100%			2040	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 219/LADDER CO. 105
Asset # : 13112

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	30%			2030	$12,800	10		
No Component	70%							
Alarm								
Security System								
No Component	90%							
Generic	10%			2035	$1,700	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Camera								

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%			2045	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2048	* *	1	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2034	$19,900	4	$400	
Terminal Devices								
Convector/Radiator	60%	0-2	$900	2033	$44,700	1	$1,600	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Offices								
Explanation : Inefficient Units								
Unit Heater - Steam	40%	Now	$2,100	2030	$20,700	4	$300	
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : 2 Units, Apparatus Floor								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Apparatus Floor And Basement								
Explanation : Unit Heaters								
Controls								
Electrical	100%			2028	$50,600			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 219/LADDER CO. 105
Asset # : 13112

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	10%	0-2	$3,500	2035	$3,500	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Gymnasium								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Gymnasium								
Window/Wall Unit	50%			2030	$17,300	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%	0-2	$4,800	LIFE	* *	2-5	$3,000	
Needs Cleaning, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor And Kitchen								
No Component	40%							
Exhaust Fans								
Roof	85%			2040	* *	2	$200	
Roof	15%	Now	$500	2030	$2,700	2		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Heaters								
Sanitary Piping								
Cast Iron	10%	Now	$3,400	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 30%								
Location : Basement And Apparatus Floor								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	10%	Now	$100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Outside Alley								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$300	4	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2035	$37,800	1-2	$800	

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. 219/LADDER CO. 105
Asset # : 13112

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%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 10 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 22/ LADDER CO.13/ BATTALION 10**		
Address	: **159 EAST 85th STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.022 / 13016**	**Yr Built/Renovated**	: **1961 /**
Area Sq Ft	: **8,256**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **14-Feb-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1514** **Lot** : **27**	**BIN**	: **1047937**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$53,500	$89,100
Mechanical		$125,900
Total	**$53,500**	**$215,100**
Importance Code A	$53,500	$89,100
Importance Code B		$125,900
Total	**$53,500**	**$215,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$83,300	$3,600		$1,100
Interior Architecture	$29,900	$500		$1,300
Electrical	$600	$3,300	$600	$4,500
Mechanical	$49,400	$1,400	$3,200	$78,700
Total	**$163,200**	**$8,600**	**$3,900**	**$85,600**
Importance Code A	$83,700	$4,000	$400	$1,500
Importance Code B	$76,700	$4,700	$3,500	$84,000
Importance Code C	$2,800			
Total	**$163,200**	**$8,600**	**$3,900**	**$85,600**

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. 22/ LADDER CO.13/ BATTALION 10
Asset # : 13016

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%	4+	$30,000	LIFE	* *	5	$18,200	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Front Facade								
Masonry: Limestone	10%	2-4	$3,600	LIFE	* *	5	$1,700	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 2%								
Location : Front Facade								
Metal Sect. OHD	10%			2048	* *	5	$7,100	
Windows								
Aluminum	100%	Now	$27,100	2060	* *	5	$300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 80%								
Location : Various Locations								
Water Penetration, Extent : Severe, Area Affected : 80%								
Location : Front Facades								
Parapets								
Cast Stone/Terra Cotta	15%	2-4	$4,800	LIFE	* *	5	$2,000	
Caulking Deteriorated, Extent : Moderate, Area Affected : 100%								
Location : Cast Stone Copings								
Masonry: Brick	80%	2-4	$17,800	LIFE	* *	5	$1,400	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Metal: Cage/Fence	5%			2040	* *	5-10	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lower Roof Parapet								
Explanation : Chain Link Fence								
Roof								
Modified Bitumen	5%			2040	* *	10	$700	
Roll Roofing	95%	Now	$53,500	2036	$89,100	5	$11,400	1
Water Penetration, Extent : Severe, Area Affected : 45%								
Location : Various Locations Second Floor Ceiling								
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$9,500	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Apparatus Floor								
Ceramic Tile	10%	Now	$1,600	2048	* *	5	$700	
Worn/Erode, Extent : Severe, Area Affected : 1%								
Location : Apparatus Floor Toilet Room								
Granite Panels	30%			LIFE	* *	5	$3,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Second Floor								
Explanation : Porcelain Tiles								
Quarry Tile	5%			2040	* *	5	$1,100	
Vinyl Tile	25%			2040	* *	3	$1,400	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 22/ LADDER CO.13/ BATTALION 10
Asset # : 13016

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								
Cast in Place Concrete	5%			LIFE	* *			
Spalling, Extent : Light, Area Affected : 2%								
Location : Cellar And Stairwell To Cellar								
Ceramic Tile	5%	Now	$600	2048	* *	5	$300	
Worn/Erode, Extent : Severe, Area Affected : 1%								
Location : Apparatus Floor Toilet								
Concrete Masonry Unit	5%			LIFE	* *	5	$200	
Plaster	40%	Now	$2,200	LIFE	* *	5	$1,300	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Apparatus Floor								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Over Window In Engine Office								
SGFT/Glazed Masonry	45%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2040	* *	5	$1,400	
Exposed Struc: Concrete	30%			LIFE	* *	5	$700	
Metal Panel	2%			LIFE	* *	5	$400	
Plaster	58%	Now	$25,500	LIFE	* *	5	$5,200	
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Second Floor Dormitory And Front Offices								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2055	* *			
Retaining Walls								
Cast in Place Concrete	100%			2070	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			

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%			2035	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : No Available Nameplate Rating Capacity								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5		
Raceway								
Conduit	60%			2035	$22,100	1		
Conduit	40%			2045	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 22/ LADDER CO.13/ BATTALION 10
Asset # : 13016

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								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	45%			2043	* *	5	$100	
Molded Case Bkrs	50%			2034	$24,800	5	$100	
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$2,500	
Generators								
Diesel	100%			2038	* *	1	$3,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 40 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$300	
Fuel Storage								
Day Tank	10%			2043	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Area								
Explanation : 50 Gallons Rated Capacity								
Main Tank	90%			2038	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Egress Lighting								
Emergency, Service	50%			2043	* *	1		
Exit, LED	50%			2070	* *	1		
Exterior Lighting								
HID	10%			2030	$3,900	10		
LED	10%			2043	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2055	* *	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. 22/ LADDER CO.13/ BATTALION 10
Asset # : 13016

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%			2048	* *	1	$4,100	
Distribution								
Hot Wtr Piping/Pump	50%			2043	* *	4	$300	
Hot Wtr Piping/Pump	50%			2051	* *	4	$300	
Terminal Devices								
Convector/Radiator	90%			2040	* *	1	$2,400	
Unit Heater - Steam	10%			2035	$4,700	4	$100	
Controls								
Electrical	100%	0-2	$22,900	2030	$45,900			
Broken, Extent : Moderate, Area Affected : 100%								
Location : Throughout. Defective Thermostat Heating Control								
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	15%			2036	$19,600	2	$100	
Exterior Pkg Unit - Cooling	30%	2-4	$16,300	2045	* *	2	$100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : Split Unit Serves Second Floor								
Split Unit	15%			2035	$29,400			
Window/Wall Unit	40%			2030	$12,500	1		
Distribution								
Ductwork/Diffusers	65%			LIFE	* *	2	$7,000	
No Component	35%							
Terminal Devices								
Fan Coil - 2 Pipe	50%			2035	$125,900	1	$1,300	
No Component	50%							
Heat Rejection								
Dry Cooler	50%			2030	$18,900	2	$2,900	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,600	
Exhaust Fans								
Interior	45%	0-2	$6,600	2040	* *	2	$100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus And Locker Room								
Explanation : No Ventilation In Apparatus And Locker Room								
Roof	50%			2035	$8,000	2	$100	
Wall Unit	5%			2035	$200	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	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. 22/ LADDER CO.13/ BATTALION 10
Asset # : 13016

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 With Tanks								
Gas Fired	100%			2033	$34,200	2		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Basement							
	Explanation : Two 75 Gallon Units							
Sanitary Piping								
Cast Iron	80%			LIFE	* *	1		
Cast Iron	10%			LIFE	* *	1		
Cast Iron	10%	Now	$1,000	LIFE	* *	1		
	Broken, Extent : Severe, Area Affected : 100%							
	Location : Basement. Broken Waste Piping							
Storm Drain Piping								
Cast Iron	80%			LIFE	* *	1		
Cast Iron	20%	0-2	$1,200	LIFE	* *	1		
	Blockage /Clogged, Extent : Moderate, Area Affected : 100%							
	Location : Occasional Sewer Backup In Apparatus Room							
Sump Pump(s)								
Submersible	100%			2027	$300	4	$300	
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 220/LADDER CO. 122**		
Address	: **530 11th STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSLAD.122 / 13224**	**Yr Built/Renovated**	: **1865 / 1988**
Area Sq Ft	: **4,508**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **14-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1096** **Lot** : **25**	**BIN**	: **3026278**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$54,500	
Interior Architecture	$60,400	
Mechanical	$58,100	
Total	**$173,000**	
Importance Code A	$54,500	
Importance Code B	$118,500	
Total	**$173,000**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$53,800	$9,800		
Interior Architecture	$44,200			$300
Electrical	$10,400	$5,300		
Mechanical	$14,600	$7,200	$3,300	$3,000
Site Enclosure	$27,800			
Site Pavements	$4,700			
Total	**$155,500**	**$22,300**	**$3,300**	**$3,300**
Importance Code A	$54,100	$10,100	$200	$200
Importance Code B	$58,500	$12,200	$3,100	$3,100
Importance Code C	$43,000			
Total	**$155,500**	**$22,300**	**$3,300**	**$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. 220/LADDER CO. 122
Asset # : 13224

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	$2,300	LIFE	* *	5	$1,900	1
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Rear Facade								
Masonry: Brick	35%	Now	$54,500	LIFE	* *	5	$6,600	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Rear Facade								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Rear Facade								
Masonry: Limestone	50%	Now	$37,200	LIFE	* *	5	$7,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Metal Panel	5%			2053	* *	5-10	$6,500	
Wood	3%	Now	$4,900	2038	* *	5	$1,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Upper Left Corner Of Front Facade								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Elevation Of Ladder 122								
Explanation : Wood Framed Cornice								
Wood Overhead Doors	5%			2038	* *	5	$4,700	
Windows								
Aluminum	100%	Now	$1,700	2049	* *	5	$400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Ladder Company Side								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Masonry: Brick	55%	Now	$6,100	LIFE	* *	5	$500	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 15%								
Location : Throughout								
Masonry: Limestone	20%			LIFE	* *	5	$200	
Metal Rail	10%			2046	* *	5-10	$1,600	
Slate	5%	0-2	$1,700	LIFE	* *	5		
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 2 Story Roof								
Roof								
Copper/Terne	5%			2061	* *	10	$800	
Modified Bitumen	90%			2038	* *	10	$5,700	
Skylight, Metal/Glass	4%			2053	* *	10	$800	
Skylight, Plastic	1%			2038	* *	1		
Other Observation, Extent : Light, Area Affected : 25%								
Location : Engine Company Side								
Explanation : Two Skylights Have Been Sealed								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 220/LADDER CO. 122
Asset # : 13224

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%	4+	$11,500	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Ceramic Tile	10%	Now	$800	2036	$38,000	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Laundry Room								
Vinyl Tile	35%	Now	$13,000	2038	* *	3	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Locker Room								
Worn/Erode, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Wood	15%	Now	$60,400	2073	* *	5	$900	
Deteriorated Finish, Extent : Severe, Area Affected : 60%								
Location : Engine Company Side								
Loose Units, Extent : Moderate, Area Affected : 15%								
Location : Engine Company Side								
Split/Cracked, Extent : Moderate, Area Affected : 30%								
Location : Engine Company Side								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2036	$25,500	5	$500	
Concrete Masonry Unit	5%			LIFE	* *	5	$200	
Gypsum Board	31%			LIFE	* *	5	$1,700	
Masonry: Brick	5%	Now	$4,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Gymnasium								
Granite Panels	3%	Now	$2,500	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								
Plaster	31%	Now	$3,500	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Under Sealed Skylights								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairwell								
SGFT/Glazed Masonry	15%			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. 220/LADDER CO. 122
Asset # : 13224

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%	Now	$3,400	2046	* *	5	$500	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Basement Gymnasium								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Embossed Metal	10%	Now	$2,000	LIFE	* *	5	$300	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor Engine Company								
Paint Peeling, Extent : Moderate, Area Affected : 60%								
Location : Apparatus Floor Engine Company								
Exposed Struc: Steel	15%			LIFE	* *			
Gypsum Board	30%			LIFE	* *	5	$2,500	
Plaster	30%	Now	$3,100	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stairway And Under Skylight								
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%	Now	$27,800	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$4,700	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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 : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	* *	5		

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FIRE DEPARTMENT - 057
ENGINE CO. 220/LADDER CO. 122
Asset # : 13224

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	30%			2043	* *	1		
Conduit	70%			2033	$25,800	1		
Panelboards								
Fused Disc Sw	10%			2032	$5,000	5		
Molded Case Bkrs	90%			2041	* *	5	$100	
Wiring								
Thermoplastic	30%			2043	* *	1		
Thermoplastic	70%			2033	$23,300	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5		
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2028	$3,800	10	$500	
Exit, Service	50%			2028	$1,000	1		
Exterior Lighting								
HID	30%			2033	$6,300	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%			2053	* *	1		
Conversion Equipment								
Furnace	40%			2041	* *	1	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Rooftop Package Units								
Hot Water Boiler	60%			2050	* *	1	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	60%			2041	* *	4	$100	
No Component	40%							

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. 220/LADDER CO. 122
Asset # : 13224

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	40%			2038	* *	1	$600	
Unit Heater - Steam	20%			2033	$5,100	4	$100	
No Component	40%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2041	* *	2	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Rooftop Package Units. 1 Condemned Unit In Engine Side Courtyard								
Window/Wall Unit	25%			2028	$4,300	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	75%			LIFE	* *	2-5	$1,900	
No Component	25%							
Exhaust Fans								
Roof	100%			2038	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	5%	0-2	$1,700	2053	* *	1		
Corroded, Extent : Moderate, Area Affected : 60%								
Location : Water Main Valve								
Brass/Copper	95%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	0-2	$5,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Front Of The Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$100	4	$100	
Sewage Ejector(s)								
Electric	100%			2038	* *	4	$200	
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
ENGINE CO. 220/LADDER CO. 122
Asset # : 13224

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%			2043	* *	1-2	$1,300	
Chemical System								
Generic	100%			2027	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 25 Square Feet								

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

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 221/LADDER CO. 104**		
Address	: **161 SOUTH SECOND STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.221 / 13114**	**Yr Built/Renovated**	: **1932 / 2007**
Area Sq Ft	: **6,128**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **01-Feb-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2406** **Lot** : **35**	**BIN**	: **3062972**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$68,800	
Interior Architecture	$210,600	
Mechanical		$50,100
Total	**$279,400**	**$50,100**
Importance Code A	$68,800	
Importance Code B	$210,600	$50,100
Total	**$279,400**	**$50,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$45,300	$600		$11,700
Interior Architecture	$79,300	$1,700		
Electrical	$200	$300	$200	$300
Mechanical	$9,300	$34,900	$1,200	$40,900
Total	**$134,100**	**$37,600**	**$1,400**	**$52,900**
Importance Code A	$45,900	$1,200	$600	$12,300
Importance Code B	$59,000	$35,700	$800	$40,600
Importance Code C	$29,200	$700		
Total	**$134,100**	**$37,600**	**$1,400**	**$52,900**

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. 221/LADDER CO. 104
Asset # : 13114

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%	0-2	$68,800	LIFE	* *	5	$16,700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Various Locations								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Rear And Side Facades								
Masonry: Granite	2%	0-2	$700	LIFE	* *	5	$300	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 2%								
Location : Front Facade At Over Head Door And Driveway								
Masonry: Limestone	10%	0-2	$3,300	LIFE	* *	5	$1,600	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 20%								
Location : Front Facade								
Wood Overhead Doors	8%			2040	* *	5	$8,400	
Windows								
Aluminum	100%			2043	* *	5	$1,200	
Parapets								
Masonry: Brick	70%	0-2	$40,300	LIFE	* *	5	$1,600	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Front Of Building								
Paint Peeling, Extent : Moderate, Area Affected : 100%								
Location : Interior Of Parapet								
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$300	
Metal Panel	5%			2055	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 15%								
Location : Parapet At Front Of Building								
Explanation : Metal Cap On Top Of Limestone Parapet								
Slate	15%			LIFE	* *	5	$300	
Roof								
Asphalt Shingle	18%			2044	* *	10	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear And Sides								
Explanation : Lower Roofs								
Modified Bitumen	80%			2040	* *	10	$7,300	
Skylight, Metal/Glass	2%	0-2	$1,000	2045	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 221/LADDER CO. 104
Asset # : 13114

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	$210,600	LIFE	* *	5	$9,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Apparatus Floor								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Room								
Explanation : Steel Columns And Beams In Basement Are Shoring Up Floor. When Fire Truck Rolls In, Floor Vibrates. Subject For Area Of Concern.								
Ceramic Tile	5%	Now	$500	2038	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Second Floor Bathroom								
Quarry Tile	5%	0-2	$3,400	2048	* *	5	$300	
Broken/Missing Elements, Extent : Light, Area Affected : 15%								
Location : Kitchen								
Vinyl Tile	45%			2040	* *	3	$1,500	
Interior Walls								
Cast in Place Concrete	20%	0-2	$21,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	10%			2038	* *	5	$1,400	
Gypsum Board	15%			LIFE	* *	5	$1,300	
Masonry: Brick	15%			LIFE	* *			
Plaster	30%	Now	$5,200	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Roof Access, Wall Near Entrance, Second Floor Miscellaneous Areas								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Roof Access, Second Floor								
SGFT/Glazed Masonry	10%	4+	$2,500	LIFE	* *			
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 1%								
Location : Apparatus Floor								
Ceilings								
AcousTileSusp.Lay-In	10%			2048	* *	5	$1,000	
Exposed Struc: Concrete	15%	Now	$46,200	LIFE	* *	5	$200	
Exposed Reinforcement, Extent : Moderate, Area Affected : 15%								
Location : Basement Under Apparatus Floor								
Spalling, Extent : Severe, Area Affected : 15%								
Location : Basement Under Apparatus Floor								
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Basement								
Explanation : Structurally Insufficient And Supported By Temporary Steel Columns. When Fire Truck Rolls In, Floor Vibrates And Chucks Of Concrete Falls At Times. Subject For Area Of Concern.								
Plaster	75%			LIFE	* *	5	$4,800	
Site Enclosure								

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FIRE DEPARTMENT - 057
ENGINE CO. 221/LADDER CO. 104
Asset # : 13114

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	95%			2055	* *			
Iron Picket	5%			2070	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			

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%			2045	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	5	$200	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	20%			2043	* *	5		
Molded Case Bkrs	80%			2043	* *	5	$100	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Egress Lighting								
Exit, Service	100%			2035	$2,600	1		
Exterior Lighting								
HID	20%			2043	* *	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2035	$11,500	1	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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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. 221/LADDER CO. 104
Asset # : 13114

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%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$6,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit In Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	5%	0-2	$200	2035	$2,500			
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Steam Piping/Pump	95%			2035	$46,600			
Terminal Devices								
Convector/Radiator	100%			2033	$50,100	1	$2,000	
Controls								
Electrical	100%			2028	$34,100			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	30%	Now	$2,200	2035	$43,700			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Second Floor Bunker Room								
Window/Wall Unit	10%	0-2	$2,300	2035	$2,300	1		
Broken, Extent : Severe, Area Affected : 50%								
Location : Second Floor								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Second Floor								
Window/Wall Unit	20%			2030	$4,600	1		
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	30%			2035	$33,700	1	$600	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2035	$3,200	2	$1,300	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%	Now	$800	LIFE	* *	2-5	$500	
Broken, Extent : Severe, Area Affected : 5%								
Location : Kitchen Exhaust Connection. Kitchen Roof								
No Component	85%							

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FIRE DEPARTMENT - 057
ENGINE CO. 221/LADDER CO. 104
Asset # : 13114

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	15%			2035	$1,800	2		
Wall Unit	20%			2030	$500	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Apparatus Floor.								
Explanation : 1 Unit								
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	5%	Now	$800	2045	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 30%								
Location : Hot Water Piping In Basement								
Brass/Copper	95%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallons Units								
Sanitary Piping								
Cast Iron	30%	Now	$1,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$700	2030	$700	4	$100	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							

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Print Date : 06-Oct-2025

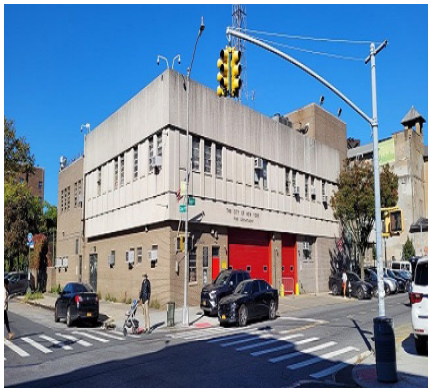
FIRE DEPARTMENT - FY 2026

Asset Name : **ENGINE CO. 222/BATTALION 37/ COMBINED FACILITY 81ST PCT**
Address : **32 RALPH AVENUE**
Borough : **BROOKLYN**
Program / Asset # : **FIRSECO.222 / 13115**
Area Sq Ft : **9,206**
Date of Survey : **13-Oct-2023**
Areas Surveyed : **Roof, Floors 1,2**
Block : **1633** **Lot** : **39**

Agency's Number : **N/A**
Yr Built/Renovated : **1973 /**
Project Type : **FIRE DEPARTMENT**
Landmark Status : **NONE**
BIN : **3044596**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$175,900	$50,800
Interior Architecture		$114,200
Mechanical	$176,400	$52,700
Total	**$352,200**	**$217,600**
Importance Code A	$175,900	$50,800
Importance Code B	$176,400	$166,900
Total	**$352,200**	**$217,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$8,700	$1,100		$12,200
Interior Architecture	$25,200	$700		$500
Electrical	$300	$500	$300	$300
Mechanical	$11,300	$2,900	$3,500	$42,500
Site Enclosure	$12,600			
Site Pavements	$50,300			
Total	**$108,500**	**$5,200**	**$3,800**	**$55,600**
Importance Code A	$8,700	$1,100		$12,200
Importance Code B	$42,300	$3,400	$3,800	$43,400
Importance Code C	$57,400	$700		
Total	**$108,500**	**$5,200**	**$3,800**	**$55,600**



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. 222/BATTALION 37/ COMBINED FACILITY 81ST PCT

Asset # : 13115

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%	Now	$8,700	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Chimney								
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Rear Facade								
Metal Sect. OHD	10%			2040	* *	5	$3,300	
Pre-cast Concrete	40%			LIFE	* *	5	$13,700	
Windows								
Aluminum	100%	Now	$52,800	2060	* *	5	$600	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Corrosion/Rusting, Extent : Severe, Area Affected : 60%								
Location : Window Lintels At Multiple Unit Windows								
Parapets								
Pre-cast Concrete	30%			LIFE	* *	5	$2,200	
Stucco Cement	70%			2033	$50,800	5	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Upper Roof								
Explanation : Stucco Parged Over Brick								
Roof								
Built-Up (BUR)	100%			2030	$123,100	10	$10,500	
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Roof								
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	$13,600	
Mosaic Tile	10%	Now	$6,500	2040	* *	5	$1,700	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Terrazzo	15%	4+	$9,700	LIFE	* *	5	$1,600	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Stairwell								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Stairwell And Kitchen								
Vinyl Tile	30%	2-4	$5,700	2035	$114,200	3	$1,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Second Floor Lockers And Weight Room								
Worn/Erode, Extent : Light, Area Affected : 40%								
Location : Throughout Second 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

ENGINE CO. 222/BATTALION 37/ COMBINED FACILITY 81ST PCT

Asset # : 13115

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%			2038	* *	5	$1,500	
Gypsum Board	10%			LIFE	* *	5	$900	
Plaster	25%	Now	$1,800	LIFE	* *	5	$1,100	
Spalling, Extent : Severe, Area Affected : 15%								
Location : Second Floor Weight Room, Corridor By Suana								
Plywood/Hardboard	5%			LIFE	* *			
SGFT/Glazed Masonry	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	45%	4+	$1,600	2040	* *	5	$2,400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Kitchen, Office And Gymnasium								
Exposed Struc: Concrete	40%			LIFE	* *	5	$700	
Gypsum Board	5%			LIFE	* *	5	$700	
Plaster	10%			LIFE	* *	5	$700	
Site Enclosure								
Fence/Gates								
Chain Link	50%	Now	$4,100	2045	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Side Rear Yard								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Side Rear Yard Entry								
Chain Link	10%	0-2	$300	2045	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Roof Rear								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Guardrail								
Masonry: Brick	40%	2-4	$2,200	2045	* *			
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 10%								
Location : Side Rear Yard								
Free Standing Walls								
Masonry: Brick	100%	2-4	$6,000	2045	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Rear Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			

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. 222/BATTALION 37/ COMBINED FACILITY 81ST PCT

Asset # : 13115

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	100%	Now	$43,000	2038	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Parking Lot								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Parking Lot								
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Parking Lot								
Activity Yard								
Cast in Place Concrete	100%	Now	$7,300	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Rear Yard								
Ponding, Extent : Moderate, Area Affected : 20%								
Location : Rear Yard								
Tripping Hazard, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								

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%			2045	* *	1		
Panelboards								
Fused Disc Sw	50%			2043	* *	5	$100	
Molded Case Bkrs	50%			2043	* *	5	$100	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Egress Lighting								
Exit, Service	100%			2035	$4,000	1		
Exterior Lighting								
LED	30%			2043	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2040	* *	1	$3,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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.
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FIRE DEPARTMENT - 057

ENGINE CO. 222/BATTALION 37/ COMBINED FACILITY 81ST PCT

Asset # : 13115

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 :								
Explanation : Heating Hot Water Provided By Next Portion Of The Building								
Conversion Equipment								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Heating Hot Water Provided By Next Portion Of The Building								
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	$700	
Terminal Devices								
Convector/Radiator	70%			2033	$52,700	1	$2,100	
Unit Heater - Hot Water	30%	Now	$1,600	2030	$16,400			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	10%			2035	$21,900			
Window/Wall Unit	50%			2030	$17,400	1		
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2035	$16,900	1	$300	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2035	$1,600	2	$600	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$3,100	
No Component	40%							
Exhaust Fans								
Roof	10%	0-2	$400	2035	$1,800	2		
Dented, Extent : Moderate, Area Affected : 20%								
Location : Roof Kitchen Fan								
Roof	50%			2035	$8,900	2	$100	
Wall Unit	10%			2030	$400	2		
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		

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FIRE DEPARTMENT - 057

ENGINE CO. 222/BATTALION 37/ COMBINED FACILITY 81ST PCT

Asset # : 13115

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 With Tanks								
Electric	100%			2030	$118,200	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor								
Explanation : One 120 Gallon Unit, One 150 Gallon Unit.								
Sanitary Piping								
Cast Iron	100%	Now	$5,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 15%								
Location : Front Entrance Of Apparatus Floor And Back Yard								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2045	* *	1-5	$4,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stair								
Explanation : Connections At First And Second Floors								
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set. Covers 25 Square Feet								

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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 224**		
Address	: **274 HICKS STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.224 / 13116**	**Yr Built/Renovated**	: **1903 /**
Area Sq Ft	: **5,328**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **25-Jan-2024**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **260** **Lot** : **36**	**BIN**	: **3002336**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical		$63,700
Total		**$63,700**
Importance Code B		$63,700
Total		**$63,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$24,200			$3,300
Interior Architecture	$4,700	$1,000		$2,800
Electrical	$400	$400	$400	$8,800
Mechanical	$4,200	$2,900	$2,900	$9,800
Total	**$33,500**	**$4,300**	**$3,300**	**$24,800**
Importance Code A	$24,500	$300	$300	$3,600
Importance Code B	$5,900	$3,400	$3,000	$21,200
Importance Code C	$3,200	$600		
Total	**$33,500**	**$4,300**	**$3,300**	**$24,800**

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. 224
Asset # : 13116

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	$16,000	
Masonry: Granite	5%			LIFE	* *	5	$1,000	
Masonry: Limestone	10%			LIFE	* *	5	$2,000	
Masonry: Limestone	20%			LIFE	* *	5	$4,000	
Wood Overhead Doors	5%			2040	* *	5	$6,700	
Windows								
Aluminum	100%	Now	$1,400	2051	* *	5	$600	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 5%								
Location : Offices								
Parapets								
Masonry: Brick	85%	Now	$5,300	LIFE	* *	5	$1,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bunk And Locker Room								
Pre-cast Concrete	15%			LIFE	* *	5	$2,100	
Roof								
Copper/Terne	15%	Now	$8,000	2050	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Offices								
Modified Bitumen	80%			2043	* *	10	$5,000	
Skylight, Metal/Glass	5%	4+	$9,500	2055	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Roof Skylight								
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	$8,500	
Ceramic Tile	10%			2048	* *	5	$900	
Quarry Tile	10%			2052	* *	5	$1,300	
Wood	35%			2050	* *	5	$5,700	
Interior Walls								
Ceramic Tile	10%			2048	* *	5	$1,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$500	
Gypsum Board	20%			LIFE	* *	5	$1,400	
Masonry: Brick	10%			LIFE	* *			
Masonry: Fieldstone	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Base Of Wall Throughout								
Explanation : Diamond Plate Wall Covering								
Plaster	20%	Now	$3,200	LIFE	* *	5	$700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Offices								
SGFT/Glazed Masonry	20%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Painted Surfaces								

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FIRE DEPARTMENT - 057
ENGINE CO. 224
Asset # : 13116

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	20%			2052	* *	5	$1,700	
Embossed Metal	50%			LIFE	* *	5	$2,000	
Exposed Struc: Steel	25%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$500	
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%			2045	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2052	* *			

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%			2065	* *	5		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2065	* *	5	$100	
Raceway								
Conduit	100%			2065	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Panelboards								
Fused Disc Sw	5%			2060	* *	5		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Molded Case Bkrs	95%			2060	* *	5	$100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Wiring								
Thermoplastic	100%			2065	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Motor Controllers								
Locally Mounted	100%			2055	* *	5		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								

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FIRE DEPARTMENT - 057
ENGINE CO. 224
Asset # : 13116

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	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main In Basement								
Explanation : Recently Install								
Stand-by Power								
Transfer Switches								
Automatic	100%			2055	* *	1	$1,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Generators								
Natural Gas	100%			2050	* *	1	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : Recently Install								
Batteries								
Lead/Acid	100%			2030	$2,700	5	$200	
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Egress Lighting								
Emergency, Service	50%			2043	* *	1		
Exit, Service	50%			2043	* *	1		
Exterior Lighting								
HID	20%			2030	$5,400	10		
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2052	* *	1	$2,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Distribution								
Hot Wtr Piping/Pump	100%			2051	* *	4	$400	
Terminal Devices								
Convector/Radiator	80%			2052	* *	1	$1,400	
Unit Heater - Hot Water	20%			2030	$6,900			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Apparatus Room								
Explanation : Radiant Heat On Apparatus Floor								

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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. 224
Asset # : 13116

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								
Controls								
Electrical	100%			2034	$32,400			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	40%			2043	* *			
Recent Installation, Extent : N/A, Area Affected : 20%								
Location : Various Locations. 4 Units								
Window/Wall Unit	40%	0-2	$900	2033	$8,800	1		
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Second Floor								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	$200	
No Component	95%							
Exhaust Fans								
Roof	15%	0-2	$100	2035	$1,700	2		
Broken, Extent : Moderate, Area Affected : 20%								
Location : Second Floor Officer Bathroom Exhaust Fan Broken								
No Component	85%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2045	* *	1		
Galvanized Steel	20%			2048	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$37,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2033	$63,700	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression On Hood 4 Feet X 6 Feet Which Equals 24 Square Feet								

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

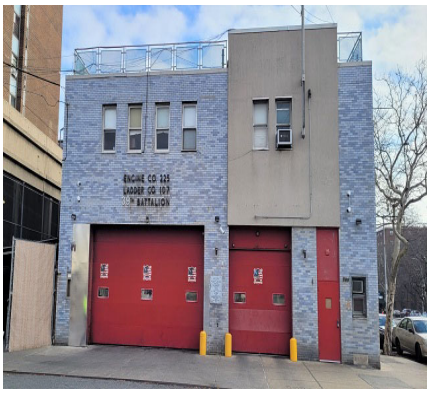
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 225 / LADDER 107 / BATTALION 39**		
Address	: **799 LINCOLN AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.225 / 13117**	**Yr Built/Renovated**	: **1970 /**
Area Sq Ft	: **8,320**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **31-Jan-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **4271** **Lot** : **75**	**BIN**	: **3095894**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$97,700	
Electrical		$101,800
Mechanical	$58,100	$40,800
Total	**$155,900**	**$142,700**
Importance Code A	$97,700	
Importance Code B	$58,100	$142,700
Total	**$155,900**	**$142,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$31,900			$4,100
Interior Architecture	$44,400	$2,000		$300
Electrical	$3,500	$1,000	$900	$1,000
Mechanical	$14,200	$14,200	$3,300	$4,400
Site Enclosure	$1,300			
Total	**$95,300**	**$17,200**	**$4,200**	**$9,700**
Importance Code A	$32,300	$400	$400	$4,500
Importance Code B	$42,700	$15,800	$3,800	$5,200
Importance Code C	$20,400	$1,000		
Total	**$95,300**	**$17,200**	**$4,200**	**$9,700**



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

FIRE DEPARTMENT - 057
ENGINE CO. 225 / LADDER 107 / BATTALION 39
Asset # : 13117

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	5%			LIFE	* *	5	$900	
Masonry: Brick Cavity	55%	4+	$16,900	LIFE	* *	5	$9,700	
Graffiti, Extent : Light, Area Affected : 10%								
Location : Rear Facade								
Metal Sect. OHD	10%			2040	* *	5	$5,500	
Stucco Cement	30%	4+	$6,000	2048	* *	5	$6,600	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Exterior Soffit At Side Entrance Of Building								
Windows								
Aluminum	100%	Now	$97,700	2060	* *	5	$1,000	
Air Infiltration, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Thermally Inefficient								
Parapets								
Metal Panel	10%			2045	* *	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Roof Parapet								
Explanation : Metal Coping								
Metal Rail	60%	4+	$1,800	2040	* *	5	$9,600	
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Front Of Building								
Stucco Cement	30%			2040	* *	5	$1,800	
Roof								
Modified Bitumen	100%	Now	$6,400	2043	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Lounge								
Soffits								
Stucco Cement	100%	Now	$800	2048	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Side Entrance								
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. 225 / LADDER 107 / BATTALION 39
Asset # : 13117

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	57%	Now	$12,100	LIFE	* *	5	$15,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Apparatus Room								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Room								
Worn/Erode, Extent : Severe, Area Affected : 5%								
Location : Apparatus Room								
Ceramic Tile	10%			2038	* *	5	$1,200	
Quarry Tile	3%			2040	* *	5	$600	
Terrazzo	5%			LIFE	* *	5	$500	
Vinyl Tile	25%			2040	* *	3	$1,200	
Interior Walls								
Cast in Place Concrete	10%	Now	$7,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Oil Tank Room								
Ceramic Tile	10%			2038	* *	5	$1,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$400	
Masonry: Brick	2%			LIFE	* *			
Plaster	35%	0-2	$8,200	LIFE	* *	5	$2,000	
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Stairwell								
Worn/Erode, Extent : Severe, Area Affected : 20%								
Location : Stairwell								
SGFT/Glazed Masonry	25%			LIFE	* *			
SGFT/Glazed Masonry	10%	0-2	$3,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Adjacent Overhead Door								
Wood	3%			LIFE	* *	5	$2,300	
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$200	2040	* *	5	$300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Lounge								
Exposed Struc: Concrete	20%	2-4	$7,500	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Basement								
Plaster	75%	Now	$5,700	LIFE	* *	5	$5,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Gymnasium								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Stairwell Roof Hatch								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Lounge And Chief Office								
Site Enclosure								

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

FIRE DEPARTMENT - 057
ENGINE CO. 225 / LADDER 107 / BATTALION 39
Asset # : 13117

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%	Now	$1,300	2055	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Driveway Gate								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			
Parking/Driveway								
Asphalt	20%			2038	* *			
Cast in Place Concrete	80%			2040	* *			

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%			2045	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	5	$200	
Raceway								
Conduit	85%			2045	* *	1		
Conduit	15%			2055	* *	1		
Panelboards								
Molded Case Bkrs	85%			2043	* *	5	$200	
Molded Case Bkrs	15%			2051	* *	5		
Wiring								
Thermoplastic	85%			2045	* *	1		
Thermoplastic	15%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Gasoline Meter Room								
Explanation : Connected To Water Main Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2033	$13,200	1	$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. 225 / LADDER 107 / BATTALION 39
Asset # : 13117

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%			2031	$101,800	1	$3,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : 81 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$300	
Fuel Storage								
Day Tank	10%			2034	$2,600	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : 60 Gallons Rated Capacity								
Main Tank	90%			2038	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Cameras Security 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								
Natural Gas	100%			2055	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2048	* *	1	$4,100	
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	$600	
Terminal Devices								
Convector/Radiator	60%			2033	$40,800	1	$1,600	
Convector/Radiator	20%			2048	* *	1	$500	
Unit Heater - Hot Water	20%			2035	$9,900			

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. 225 / LADDER 107 / BATTALION 39
Asset # : 13117

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								
Controls								
Electrical	100%			2033	$46,300			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	15%			2035	$13,700	2	$100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	20%			2028	$6,300	1		
Window/Wall Unit	25%			2033	$7,900	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	25%	2-4	$9,100	LIFE	* *	2-5	$1,200	
Corroded, Extent : Moderate, Area Affected : 15%								
Location : Kitchen Hood Exhaust Duct								
No Component	75%							
Exhaust Fans								
Interior	10%			2035	$3,700	2		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Kitchen. Kitchen Exhaust Fan Is Not Working								
Roof	25%			2043	* *	2	$100	
Wall Unit	40%	0-2	$1,400	2045	* *	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : 2 Units, On Extended Life Time								
No Component	25%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	70%			2030	$1,200	4	$100	
Submersible	30%	0-2	$200	2028	$800	4	$100	
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : Gymnasium In Basement								

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. 225 / LADDER 107 / BATTALION 39
Asset # : 13117

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%			2040	* *	1		
Fixtures								
Generic	100%							
Leaking Connections, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Slop Sink Is Leaking								
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Kitchen Exhaust On Hood 4 Feet X 6 Feet Which Equals 24 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future 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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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 226**		
Address	: **409 STATE STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.226 / 13118**	**Yr Built/Renovated**	: **1889 /**
Area Sq Ft	: **3,718**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **28-Mar-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **172** **Lot** : **48**	**BIN**	: **3000562**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$226,400	
Interior Architecture	$327,700	$70,600
Total	**$554,100**	**$70,600**
Importance Code A	$226,400	
Importance Code B	$268,300	$70,600
Importance Code C	$59,500	
Total	**$554,100**	**$70,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$5,100	$100		$9,700
Interior Architecture	$16,000			$1,000
Electrical	$300	$2,800	$300	$300
Mechanical	$800	$21,200	$700	$37,500
Site Enclosure	$26,300			
Total	**$48,500**	**$24,100**	**$1,000**	**$48,500**
Importance Code A	$5,500	$500	$400	$10,100
Importance Code B	$16,700	$23,600	$600	$38,400
Importance Code C	$26,300			
Total	**$48,500**	**$24,100**	**$1,000**	**$48,500**

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

FIRE DEPARTMENT - 057
ENGINE CO. 226
Asset # : 13118

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	$226,400	LIFE	* *	5	$13,700	1
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : North Facade								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : North And South Facades								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Painted Surfaces, Extent : Moderate, Area Affected : 25%								
Location : South Facade								
Masonry: Limestone	10%			LIFE	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Cornice At South Facade								
Explanation : Painted Surface								
Wood Overhead Doors	5%	0-2	$500	2040	* *	5	$2,000	
Worn/Erode, Extent : Light, Area Affected : 5%								
Location : Front Face Of Door								
Windows								
Aluminum	100%	4+	$4,700	2043	* *	5	$500	
Broken/Missing Elements, Extent : Light, Area Affected : 50%								
Location : North And South Facades								
Parapets								
Masonry: Brick	50%			LIFE	* *	5	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parapets All Sides								
Explanation : Roofing Runs All The Way To Bottom Of Coping								
Metal Panel	25%			2055	* *	5	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parapets All Sides								
Explanation : Roof Copings								
Metal Rail	20%			2040	* *	5-10	$6,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : South Parapet								
Explanation : Ornamental Cast Iron								
Pre-cast Concrete	5%			LIFE	* *	5	$600	
Roof								
Asphalt Shingle	10%			2038	* *	10	$100	
Debris Present, Extent : Light, Area Affected : 5%								
Location : North Side								
Modified Bitumen	90%			2040	* *	10	$4,900	
Debris Present, Extent : Light, Area Affected : 5%								
Location : North Side								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 226
Asset # : 13118

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								
Soffits								
Exposed Struc: Wood	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : North Yard								
Explanation : One Storey Wooden Structure Attached To Building.								
Interior								
Floors								
Cast in Place Concrete	45%	Now	$156,500	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Apparatus Floor Supported By Temporary Steel Columns And I-beams, Vibration Felt When Truck Rolling.								
Mosaic Tile	10%			2040	* *	5	$1,400	
Vinyl Tile	45%	0-2	$14,100	2035	$70,600	3	$1,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor Hallways								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor Staff Room								
Interior Walls								
Masonry: Brick	20%	0-2	$59,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	70%			LIFE	* *	5	$1,600	
Wood	10%			LIFE	* *	5	$3,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Second Floor								
Explanation : Panelling At Bunkroom								
Ceilings								
AcousTileSusp.Lay-In	10%	4+	$1,900	2040	* *	5	$300	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Bunkroom And Office								
Worn/Erode, Extent : Moderate, Area Affected : 15%								
Location : Bunkroom And Office								
Embossed Metal	55%			LIFE	* *	5	$1,400	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Exposed Struc: Concrete	35%	Now	$111,700	LIFE	* *	5	$300	
Corrosion/Rusting, Extent : Severe, Area Affected : 30%								
Location : Basement Steel Beams								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement Ceiling								
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Basement								
Explanation : Apparatus Floor Supported By Steel Columns And I-beams.								
Site Enclosure								

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

FIRE DEPARTMENT - 057
ENGINE CO. 226
Asset # : 13118

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%	Now	$26,300	2055	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Rear Or North Yard								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								
Spalling, Extent : Severe, Area Affected : 20%								
Location : Rear Yard								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard								
Explanation : Painted Surfaces, Paint Peeling								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2048	* *			

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%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Raceway								
Conduit	50%			2045	* *	1		
Conduit	50%			2045	* *	1		
Panelboards								
Molded Case Bkrs	50%			2043	* *	5		
Molded Case Bkrs	50%			2043	* *	5		
Wiring								
Thermoplastic	100%			2045	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 226
Asset # : 13118

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	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Backyard								
Explanation : Emergency Generator Rated At 60 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$100	
Fuel Storage								
Main Tank	100%			2050	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Backyard								
Explanation : 50 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Egress Lighting								
Emergency, Service	100%			2040	* *	1		
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	5%	0-2	$100	2035	$1,500			
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Steam Piping/Pump	95%			2035	$28,300			
Terminal Devices								
Convector/Radiator	70%			2033	$21,300	1	$800	
Convector/Radiator	30%			2048	* *	1	$400	
Controls								
Electrical	100%			2028	$20,700			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 226
Asset # : 13118

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								
Exterior Pkg Unit - Cooling	30%			2035	$12,200	2	$100	
Other Observation, Extent : N/A, Area Affected : 100% *Location : Roof* *Explanation : 1 Unit. R-410a*								
Split Unit	10%			2035	$8,800			
Window/Wall Unit	20%			2030	$2,800	1		
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2035	$6,800	1	$100	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2035	$600	2	$300	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$1,000	
No Component	50%							
Exhaust Fans								
Roof	50%			2035	$3,600	2	$100	
Wall Unit	10%			2035	$200	2		
Other Observation, Extent : N/A, Area Affected : 100% *Location : Kitchen Hood* *Explanation : 1 Set*								
No Component	40%							
Other Observation, Extent : Light, Area Affected : 0% *Location : Apparatus Floor* *Explanation : No Exhaust Fan, Poor Air Circulation.*								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100% *Location : Basement* *Explanation : Two 75 Gallon Units*								
Sanitary Piping								
Cast Iron	5%	Now	$100	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 5% *Location : Basement* *Explanation : Opened Plugs*								
Cast Iron	95%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 226
Asset # : 13118

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%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 5%								
Location : Second Floor Bathroom And 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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 227**		
Address	: **423 RALPH AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.227 / 13119**	**Yr Built/Renovated**	: **1907 /**
Area Sq Ft	: **8,440**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **24-Oct-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1445** **Lot** : **2**	**BIN**	: **3038838**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical		$168,300
Total		**$168,300**
Importance Code A		$58,900
Importance Code B		$109,500
Total		**$168,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$14,500	$1,100		
Interior Architecture	$28,800		$500	$1,600
Electrical	$1,000	$700	$600	$600
Mechanical	$5,600	$4,300	$5,300	$4,100
Total	**$50,000**	**$6,200**	**$6,300**	**$6,200**
Importance Code A	$15,200	$2,000	$700	$800
Importance Code B	$32,300	$4,200	$5,200	$5,400
Importance Code C	$2,500		$500	
Total	**$50,000**	**$6,200**	**$6,300**	**$6,200**

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. 227
Asset # : 13119

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	$14,600	
Masonry: Granite	2%			LIFE	* *	5	$300	
Masonry: Limestone	10%			LIFE	* *	5	$1,400	
Metal Sect. OHD	8%			2053	* *	5	$2,300	
Windows								
Aluminum	100%	Now	$1,400	2044	* *	5	$200	
Air Infiltration, Extent : Moderate, Area Affected : 30%								
Location : Front And Rear Windows								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Office								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$1,100	
Masonry: Brick	75%			LIFE	* *	5-10	$2,000	
Metal Cornice	15%			2064	* *	10	$200	
Roof								
Modified Bitumen	100%	Now	$2,500	2044	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Roof Drain Into 3rd Floor Bunk Room								
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Roof								
Explanation : Solar Hot Water Heater Installed								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	$28,000	
Ceramic Tile	25%			2045	* *	5	$3,200	
Wood	25%			2071	* *	5	$6,000	
Interior Walls								
Ceramic Tile	25%			2049	* *	5	$900	
Gypsum Board	20%	4+	$200	LIFE	* *	5	$400	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Bunk Room								
Masonry: Brick	15%			LIFE	* *	10	$200	
Plaster	15%			LIFE	* *	5-10	$500	
SGFT/Glazed Masonry	15%			LIFE	* *	10	$300	
Wood	10%			LIFE	* *	5	$3,000	
Ceilings								
AcousTileSusp.Lay-In	10%	Now	$400	2049	* *	5	$700	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Embossed Metal	15%			LIFE	* *	5	$1,800	
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$4,200	
Exposed Struc: Concrete	5%			LIFE	* *	5-10	$800	
Plaster	45%			LIFE	* *	5-10	$10,400	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 227
Asset # : 13119

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%			2062	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2053	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2049	* *			

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%			2062	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2062	* *	5	$200	
Raceway								
Conduit	100%			2062	* *	1		
Panelboards								
Molded Case Bkrs	100%			2058	* *	5	$200	
Wiring								
Thermoplastic	100%			2062	* *	1		
Motor Controllers								
Locally Mounted	100%			2053	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2053	* *	1	$2,600	
Generators								
Diesel	100%			2049	* *	1	$3,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 60 Kilowatts								
Batteries								
Lead/Acid	100%			2031	$2,500	5	$300	

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. 227
Asset # : 13119

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	5%			2058	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 25 Gallons Rated Capacity								
Main Tank	95%			2071	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 600 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2044	* *			
Egress Lighting								
Emergency, Service	50%			2044	* *	1		
Exit, Service	50%			2044	* *	1		
Exterior Lighting								
LED	10%			2044	* *			
No Component	90%							

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	80%			2056	* *	1		
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Basement: Recently Repaired Gas Line								
Solar Panels	20%			2062	* *	2	$100	
Recent Installation, Extent : N/A, Area Affected : 20%								
Location : First Floor: First Floor Has Solar Radiant Heating								
Conversion Equipment								
Radiant Heater	20%			2046	* *	2	$800	
Steam Boiler	80%			2034	$58,900	1	$6,700	
Distribution								
Steam Piping/Pump	80%			2046	* *			
No Component	20%							
Terminal Devices								
Convector/Radiator	80%			2034	$55,200	1	$2,200	
Unit Heater - Steam	20%			2036	$9,600	4	$200	
Controls								
Electrical	100%			2031	$46,900			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		

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
ENGINE CO. 227
Asset # : 13119

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								
Interior Pkg Unit - Cooling	20%			2037	* *	2	$100	
Split Unit	20%			2041	* *			
Window/Wall Unit	60%			2031	$19,200	1		
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2	$6,900	
No Component	50%							
Terminal Devices								
Air Handler/Cool/Ht	50%			2041	* *	1	$2,600	
No Component	50%							
Ventilation								
Exhaust Fans								
Interior	50%			2031	$18,700	2	$100	
Roof	50%			2036	$8,200	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
No Water Meter, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 35%								
Location : 3rd Floor Bathroom Leaking To 2nd Floor								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$300	4	$300	
Backflow Preventer								
Generic	100%			2044	* *	1	$500	
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$4,300	
Chemical System								
Wet	100%			2034	$54,300	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression System On Hood 3 Feet X 5 Feet Which Equals 15 Square Feet.								

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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 228**		
Address	: **436 39th STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.228 / 13120**	**Yr Built/Renovated**	: **1897 /**
Area Sq Ft	: **3,519**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **21-Dec-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **709** **Lot** : **19**	**BIN**	: **3010534**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$54,000
Mechanical	$58,100	
Total	**$58,100**	**$54,000**
Importance Code A		$54,000
Importance Code B	$58,100	
Total	**$58,100**	**$54,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$122,300	$200		$5,300
Interior Architecture	$29,800	$400	$200	$700
Electrical	$100	$200	$100	$1,000
Mechanical	$11,700	$6,900	$2,800	$23,900
Total	**$163,900**	**$7,700**	**$3,200**	**$30,900**
Importance Code A	$122,500	$400	$200	$5,500
Importance Code B	$19,100	$6,900	$3,000	$25,400
Importance Code C	$22,400	$400		
Total	**$163,900**	**$7,700**	**$3,200**	**$30,900**

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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. 228
Asset # : 13120

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%	0-2	$22,600	LIFE	* *	5	$13,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Rear Facade								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : East, South And West Facades Along Top								
Masonry: Sandstone	10%	Now	$23,800	LIFE	* *	5	$1,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Above Over Head Door								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Over Head Door Surround								
Spalling, Extent : Light, Area Affected : 15%								
Location : Top Of Front Facade								
Wood Overhead Doors	10%			2040	* *	5	$8,600	
Windows								
Aluminum	25%	Now	$300	2051	* *	5	$100	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Offices								
Metal/Detention Type	25%	Now	$48,600	2065	* *	5	$200	
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Clerestory Windows At Rear Of Building								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Clerestory Windows At Rear Of Building								
Caulking Deteriorated, Extent : Severe, Area Affected : 100%								
Location : Clerestory Windows At Rear Of Building								
Wood	50%	Now	$10,800	2060	* *	5	$1,300	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor								
Parapets								
Masonry: Brick	40%			LIFE	* *	5	$500	
Masonry: Sandstone	15%			LIFE	* *	5	$200	
Metal Panel	45%			2045	* *	5	$2,000	
Roof								
Asphalt Shingle	20%			2038	* *	10	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Back Yard								
Explanation : Shed Roof								
Modified Bitumen	80%	Now	$16,200	2035	$54,000			
Blisters, Extent : Moderate, Area Affected : 15%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Lower Roof Into 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. 228
Asset # : 13120

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%	0-2	$6,100	LIFE	* *	5	$7,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor, Weight Room In Cellar								
Quarry Tile	15%			2040	* *	5	$1,300	
Vinyl Tile	25%			2035	$41,100	3	$600	
Interior Walls								
Ceramic Tile	10%			2038	* *	5	$800	
Gypsum Board	10%			LIFE	* *	5	$500	
Masonry: Brick	30%	0-2	$22,400	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 35%								
Location : Basement Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Throughout Basement								
Plaster	50%			LIFE	* *	5	$1,200	
Ceilings								
AcousTileSusp.Lay-In	2%	Now	$200	2048	* *	5	$100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Sink								
Embossed Metal	33%	0-2	$1,200	LIFE	* *	5	$900	
Deformed/Dented, Extent : Light, Area Affected : 2%								
Location : Throughout								
Exposed Struc: Concrete	30%			LIFE	* *	5	$300	
Metal Panel	5%			LIFE	* *	5	$400	
Plaster	30%			LIFE	* *	5	$1,100	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			

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%			2035	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	5	$100	
Raceway								
Conduit	100%			2035	$36,800	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. 228
Asset # : 13120

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								
Fused Disc Sw	10%			2043	* *	5		
Molded Case Bkrs	90%			2043	* *	5	$100	
Wiring								
Thermoplastic	100%			2045	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Battery	100%			2040	* *	10	$800	
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : Cameras Security 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								
Natural Gas	100%			2055	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2048	* *	1	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2034	$7,700	4	$200	
Terminal Devices								
Convector/Radiator	100%			2033	$28,800	1	$1,100	
Controls								
Electrical	100%			2030	$19,600			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 228
Asset # : 13120

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	15%			2040	* *			
Window/Wall Unit	30%	0-2	$4,000	2035	$4,000	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Window/Wall Unit	10%			2030	$1,300	1		
No Component	45%							
Terminal Devices								
Fan Coil - 2 Pipe	15%			2040	* *	1	$200	
No Component	85%							
Heat Rejection								
Evaporative Condenser	15%			2040	* *	2	$400	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$200	
No Component	90%							
Exhaust Fans								
Roof	20%	Now	$1,400	2045	* *	2		
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Roof								
Roof	5%			2040	* *	2		
Wall Unit	50%	Now	$800	2045	* *	2		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : On Extended Life Time And Making Noisy.								
No Component	25%							
Plumbing								
H/C Water Piping								
Brass/Copper	10%	0-2	$500	2045	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Brass/Copper	90%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	10%	0-2	$900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Bathroom And Front Entrance								
Cast Iron	90%			LIFE	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 228
Asset # : 13120

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	10%	0-2	$1,200	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Roof								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$100	4	$100	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 229/LADDER 146**		
Address	: **75 RICHARDSON STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.229 / 13121**	**Yr Built/Renovated**	: **1913 /**
Area Sq Ft	: **8,184**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **01-Feb-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2722** **Lot** : **28**	**BIN**	: **3067898**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$324,500	$111,400
Interior Architecture	$643,700	
Mechanical		$190,600
Total	**$968,200**	**$302,000**
Importance Code A	$324,500	$111,400
Importance Code B	$473,200	$190,600
Importance Code C	$170,500	
Total	**$968,200**	**$302,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$40,400			$4,600
Interior Architecture	$118,800	$1,400		$1,600
Electrical	$300	$400	$400	$500
Mechanical	$12,500	$49,200	$3,700	$16,100
Site Enclosure	$4,400			
Total	**$176,400**	**$51,000**	**$4,100**	**$22,900**
Importance Code A	$41,900	$800	$800	$5,500
Importance Code B	$79,200	$49,400	$3,300	$17,400
Importance Code C	$55,300	$700		
Total	**$176,400**	**$51,000**	**$4,100**	**$22,900**

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. 229/LADDER 146
Asset # : 13121

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	$324,500	LIFE	* *	5	$19,700	
Painted Surfaces, Extent : Moderate, Area Affected : 60%								
Location : Side And Rear Facades								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Side Facades								
Masonry: Granite	2%	0-2	$3,700	LIFE	* *	5	$300	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Front Facade								
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 1%								
Location : Front Facade								
Masonry: Limestone	5%			LIFE	* *	5	$900	
Wood Overhead Doors	8%			2040	* *	5	$9,300	
Windows								
Aluminum	100%	Now	$1,300	2060	* *	5		
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Various Locations								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$1,600	
Masonry: Brick	80%	2-4	$2,100	LIFE	* *	5	$800	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Front Parapet Wall And Lower Roof Parapet								
Roof								
Modified Bitumen	100%	Now	$33,400	2035	$111,400			
Blisters, Extent : Light, Area Affected : 5%								
Location : Main Roof And Roof Hatch								
Ponding, Extent : Moderate, Area Affected : 3%								
Location : First Floor Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Above 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. 229/LADDER 146
Asset # : 13121

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	$47,100	LIFE	* *	5	$12,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Temporary Shoring Columns And Beams In Basement.								
Mosaic Tile	5%			2040	* *	5	$1,700	
Terrazzo	5%	Now	$12,900	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stairs								
Vinyl Tile	45%	0-2	$3,400	2040	* *	3	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Wood	5%			2063	* *	5	$1,300	
Interior Walls								
Ceramic Tile	10%			2038	* *	5	$1,500	
Ceramic Tile	20%	2-4	$32,800	2044	* *	5	$1,500	
Staining/Discoloring, Extent : Moderate, Area Affected : 75%								
Location : Apparatus Floor								
Worn/Erode, Extent : Moderate, Area Affected : 75%								
Location : Apparatus Floor								
Masonry: Brick	20%	Now	$170,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Basement								
Plaster	50%	0-2	$18,100	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Water Penetration, Extent : Light, Area Affected : 2%								
Location : Stairwell At Second Floor And Basement								
Worn/Erode, Extent : Light, Area Affected : 100%								
Location : Various 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. 229/LADDER 146
Asset # : 13121

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%	2-4	$500	2048	* *	5	$800	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Office And Bunk Room								
Staining/Discoloring, Extent : Light, Area Affected : 1%								
Location : Office And Bunk Room								
Exposed Struc: Concrete	50%	Now	$473,200	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 35%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Temporary Steel Shoring And Beams Supporting Apparatus Floor.								
Plaster	40%	2-4	$3,800	LIFE	* *	5	$3,900	
Water Penetration, Extent : Light, Area Affected : 1%								
Location : Stairwell At Second Floor, And Kitchen Pantry								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$4,400	2045	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Both Side Alley								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Both Side Alley								
Explanation : Leaning								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			

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%			2045	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	5	$200	
Raceway								
Conduit	80%			2035	$29,500	1		
Conduit	20%			2045	* *	1		
Panelboards								
Molded Case Bkrs	50%			2034	$24,800	5	$100	
Molded Case Bkrs	50%			2043	* *	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
ENGINE CO. 229/LADDER 146
Asset # : 13121

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%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2040	* *	1	$3,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$1,400	2048	* *	1	$7,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit. Defective Water Refill Control System.								
Distribution								
Steam Piping/Pump	100%	0-2	$3,300	2035	$65,500			
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Terminal Devices								
Convector/Radiator	100%			2033	$66,900	1	$2,600	
Controls								
Electrical	100%			2028	$45,500			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 229/LADDER 146
Asset # : 13121

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%			2040	* *			
Window/Wall Unit	40%			2030	$12,400	1		
No Component	50%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2040	* *	1	$300	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2040	* *	2	$600	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$700	
No Component	85%							
Exhaust Fans								
Wall Unit	15%			2043	* *	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : 1 New Hood Exhaust								
Wall Unit	20%	Now	$700	2045	* *	2		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : The Exhaust Fan Has Not Been Reinstalled Back To The Apparatus Floor Causing Air Circulation Issue.								
No Component	65%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : There Is No Exhaust Fan For All Bathrooms								
Plumbing								
H/C Water Piping								
Brass/Copper	20%	0-2	$400	2045	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Brass/Copper	80%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	20%	Now	$2,100	LIFE	* *	1		
Damaged, Extent : Severe, Area Affected : 100%								
Location : Causing Serious Flooding At Basment And The Back Yard.								
Cast Iron	80%			LIFE	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 229/LADDER 146
Asset # : 13121

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%	2-4	$1,400	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Sump Pump(s)								
Submersible	100%			2027	$300	4	$300	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Fire Suppression								
Chemical System								
Generic	100%			2034	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 23**		
Address	: **215 WEST 58th STREET @ 7TH AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.023 / 13017**	**Yr Built/Renovated**	: **1906 /**
Area Sq Ft	: **6,108**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **29-Dec-2023**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1030** **Lot** : **23**	**BIN**	: **1024915**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$128,900	
Mechanical		$274,400
Total	**$128,900**	**$274,400**
Importance Code A	$128,900	
Importance Code B		$274,400
Total	**$128,900**	**$274,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$59,500			$7,200
Interior Architecture	$33,800	$7,000		
Electrical	$300	$200	$200	$1,000
Mechanical	$14,000	$3,900	$5,400	$3,800
Site Pavements	$300			
Total	**$107,900**	**$11,000**	**$5,600**	**$12,000**
Importance Code A	$59,800	$300	$300	$7,500
Importance Code B	$14,300	$10,100	$5,300	$4,500
Importance Code C	$33,800	$600		
Total	**$107,900**	**$11,000**	**$5,600**	**$12,000**

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. 23
Asset # : 13017

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	$22,900	
Masonry: Limestone	15%			LIFE	* *	5	$3,400	
Wood Overhead Doors	10%	4+	$4,800	2048	* *	5	$7,600	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Apparatus Door								
Explanation : Air Infiltration At Base Of Door								
Windows								
Aluminum	50%	Now	$29,700	2060	* *	5	$300	
Air Infiltration, Extent : Severe, Area Affected : 50%								
Location : Windows Missing Gaskets, Rear Of Building								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Rear Of Building								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Rear Of Building								
Wood	50%	Now	$25,000	2060	* *	5	$2,800	
Air Infiltration, Extent : Severe, Area Affected : 50%								
Location : Second Floor								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 10%								
Location : Third Floor Front Facade								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 2%								
Location : Officers Office								
Parapets								
Masonry: Limestone	20%			LIFE	* *	5	$500	
Metal Panel	20%			2055	* *	5	$1,600	
Slate	60%	Now	$128,900	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Various Locations On Coping Stones								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 100%								
Location : Caulk Joints Failing Throughout								
Miss/Damaged Copings, Extent : Severe, Area Affected : 75%								
Location : Copings Are Damaged And Not Level								
Roof								
Modified Bitumen	100%			2040	* *	10	$6,500	
Interior								
Floors								
Carpet	5%			2031	$9,100	3	$700	
Cast in Place Concrete	40%			LIFE	* *	5	$8,200	
Ceramic Tile	5%			2038	* *	5	$500	
Panel/Paver: Cer/Brk	5%			2043	* *	5	$1,100	
Quarry Tile	10%			2048	* *	5	$1,400	
Vinyl Tile	5%			2043	* *	3	$200	
Wood	30%			2063	* *	5	$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. 23
Asset # : 13017

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%			2038	* *	5	$1,300	
Concrete Masonry Unit	10%			LIFE	* *	5	$500	
Gypsum Board	5%			LIFE	* *	5	$400	
Masonry: Brick	25%	0-2	$33,800	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Plaster	35%			LIFE	* *	5	$1,400	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	40%			2048	* *	5	$3,800	
Embossed Metal	20%			LIFE	* *	5	$800	
Exposed Struc: Concrete	20%			LIFE	* *	5	$300	
Exposed Struc: Steel	5%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$1,200	
Plaster	5%			LIFE	* *	5	$300	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$300	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Apron In Front Of Fire Station								

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%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electrical Area								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2061	* *	5		
Raceway								
Conduit	100%			2061	* *	1		
Panelboards								
Fused Disc Sw	4%			2057	* *	5		
Fused Disc Sw	1%			2034	$500	5		
Molded Case Bkrs	95%			2057	* *	5	$200	
Wiring								
Thermoplastic	90%			2061	* *	1		
Thermoplastic	10%			2035	$3,600	1		
Motor Controllers								
Locally Mounted	30%			2052	* *	5		
Variable Frequency Drive	70%			2052	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 23
Asset # : 13017

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	$100	
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$700	
Exit, LED	50%			2063	* *	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Only								
Explanation : Cameras Security 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								
Natural Gas	100%			2055	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2055	* *	1	$3,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two New Hot Water Boilers								
Distribution								
Hot Wtr Piping/Pump	100%			2051	* *	4	$500	
Terminal Devices								
Convector/Radiator	90%			2040	* *	1	$1,800	
Unit Heater - Steam	10%			2040	* *	4	$100	
Other Observation, Extent : Light, Area Affected : 10%								
Location : First Floor								
Explanation : Apparatus Floor								
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Split Unit	100%			2035	$158,900			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$7,900	

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. 23
Asset # : 13017

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								
Dry Cooler	100%			2040	* *	2	$4,300	
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$700	
No Component	80%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : No Ventilation In Basement								
Exhaust Fans								
Interior	100%			2043	* *	2	$200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2052	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$56,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two New 116 Gallon Units								
Sanitary Piping								
Cast Iron	100%	0-2	$8,400	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Bathroom Leaking Sink								
Storm Drain Piping								
Cast Iron	100%	Now	$2,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Basement. Occasional Sewer Backups At Basement								
Sump Pump(s)								
Submersible	100%			2029	$200	4	$100	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	100%			2033	$59,400	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 5%								
Location : First Floor								
Explanation : Over Kitchen Hood								

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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 230**		
Address	: **701 PARK AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.230 / 13122**	**Yr Built/Renovated**	: **1949 /**
Area Sq Ft	: **4,500**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **15-Feb-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1730** **Lot** : **49**	**BIN**	: **3048373**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$52,600	$59,200
Interior Architecture	$608,300	$50,500
Mechanical	$58,100	
Total	**$718,900**	**$109,800**
Importance Code A	$52,600	$59,200
Importance Code B	$666,400	$50,500
Total	**$718,900**	**$109,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$12,100	$3,500		$400
Interior Architecture	$13,600	$600		$200
Electrical	$200	$200	$200	$9,400
Mechanical	$10,000	$7,300	$3,200	$70,000
Site Enclosure	$300			
Site Pavements	$20,400			
Total	**$56,500**	**$11,600**	**$3,500**	**$79,900**
Importance Code A	$12,500	$3,900	$400	$800
Importance Code B	$21,800	$7,000	$3,000	$79,100
Importance Code C	$22,200	$600		
Total	**$56,500**	**$11,600**	**$3,500**	**$79,900**

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. 230
Asset # : 13122

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	$52,600	LIFE	* *	5	$12,800	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : Hose Tower								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : 2nd Floor Exercise Room								
Masonry: Granite	5%			LIFE	* *	5	$600	
Metal Sect. OHD	10%			2048	* *	5	$5,000	
Stucco Cement	5%			2048	* *	5	$2,000	
Windows								
Aluminum	100%	Now	$1,800	2051	* *	5	$400	
Unit Inoperable, Extent : Moderate, Area Affected : 15%								
Location : Office And Bunk Room								
Weather Strip Missing, Extent : Light, Area Affected : 5%								
Location : At Windows With Air Conditioning Units								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$800	
Masonry: Brick	40%			LIFE	* *	5	$200	
Metal Panel	40%			2045	* *	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parapet Interior								
Explanation : Parapet Interior Brick Covered By Metal Panel								
Roof								
Asphalt Shingle	15%			2044	* *	10	$200	
Built-Up (BUR)	80%	Now	$1,200	2035	$59,200			
Reflective Surface, Extent : Light, Area Affected : 100%								
Location : Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Roof Above 2nd Floor Office								
Skylight, Metal/Glass	5%	4+	$8,900	2045	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Skylight								
Soffits								
Metal Panel	100%	Now	$200	2045	* *	5	$300	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 5%								
Location : Canopy								
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. 230
Asset # : 13122

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	55%	Now	$285,100	LIFE	* *	5	$7,300	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Structurally Insufficient, Support With Temporary Columns								
Ceramic Tile	10%	0-2	$700	2038	* *	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Bunk Room								
Terrazzo	5%			LIFE	* *	5	$200	
Vinyl Tile	30%	Now	$5,100	2035	$50,500	3	$700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor And Officer Office								
Worn/Erode, Extent : Light, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	30%			LIFE	* *			
Ceramic Tile	10%			2038	* *	5	$1,200	
Plaster	30%	Now	$4,200	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : 2nd Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Office And Bunk Room								
SGFT/Glazed Masonry	30%			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. 230
Asset # : 13122

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%	Now	$400	2040	* *	5	$600	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Basement								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Locker Room								
Exposed Struc: Concrete	51%	Now	$323,100	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus And Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Apparatus Floor Supported By Temporary Columns								
Gypsum Board	7%			LIFE	* *	5	$700	
Metal Panel	2%			LIFE	* *	5	$200	
Plaster	25%	Now	$3,200	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Bathroom								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Dining Room								
Site Enclosure								
Fence/Gates								
Chain Link	100%	2-4	$300	2045	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Side Alley								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$2,700	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Sidewalk								
On-Site Walkways								
Cast in Place Concrete	100%			2040	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$17,700	2055	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Driveway								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Driveway								
Potholes, Extent : Severe, Area Affected : 20%								
Location : Driveway								
Other Observation, Extent : N/A, Area Affected : 25%								
Location : Driveway								
Explanation : Asphalt Patching								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 230
Asset # : 13122

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%			2035	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 100 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2061	* *	5	$100	
Raceway								
Conduit	80%			2035	$29,500	1		
Conduit	20%			2045	* *	1		
Panelboards								
Molded Case Bkrs	80%			2034	$39,700	5	$100	
Molded Case Bkrs	20%			2043	* *	5		
Wiring								
Thermoplastic	80%			2035	$26,600	1		
Thermoplastic	20%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	20%			2030	$7,800	10	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	80%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$500	
Exit, LED	50%			2070	* *	1		
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2040	* *	1	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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.
Maintenance $ are aggregated over a ten-year period. 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. 230
Asset # : 13122

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%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2052	* *	1	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	5%	Now		2045	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Steam Piping/Pump	95%			2035	$34,200			
Terminal Devices								
Convector/Radiator	100%			2040	* *	1	$1,500	
Controls								
Electrical	100%			2030	$25,000			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	10%			2035	$10,700			
Window/Wall Unit	45%			2030	$7,700	1		
No Component	45%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2035	$7,600	1	$200	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2035	$700	2	$300	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$500	
No Component	80%							
Exhaust Fans								
Interior	20%	Now	$4,000	2045	* *	2		
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Wall Unit	15%			2035	$300	2		
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	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. 230
Asset # : 13122

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 With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$2,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Apparatus Floor, Kitchen And Back Yard.								
Broken, Extent : Severe, Area Affected : 10%								
Location : Kitchen And Back Yard								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$100	4	$100	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 231/LADDER 120**		
Address	: **107 WATKINS STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.231 / 13123**	**Yr Built/Renovated**	: **1905 / 2002**
Area Sq Ft	: **9,700**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **16-Oct-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3507** **Lot** : **5**	**BIN**	: **3000000**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$59,900	
Mechanical		$261,100
Total	**$59,900**	**$261,100**
Importance Code A	$59,900	
Importance Code B		$261,100
Total	**$59,900**	**$261,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$63,600		$400	
Interior Architecture	$61,500			$2,300
Electrical	$3,900	$1,000	$3,600	$1,000
Mechanical	$16,600	$3,900	$3,900	$3,900
Site Enclosure	$35,800			
Site Pavements	$12,400			
Total	**$193,700**	**$5,000**	**$8,000**	**$7,200**
Importance Code A	$64,600	$1,000	$1,400	$1,000
Importance Code B	$93,300	$4,000	$6,600	$5,400
Importance Code C	$35,900			$900
Total	**$193,700**	**$5,000**	**$8,000**	**$7,200**

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FIRE DEPARTMENT - 057
ENGINE CO. 231/LADDER 120
Asset # : 13123

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	55%	Now	$59,900	LIFE	* *	5	$14,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Scuttle Ladder To Activity Area								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 5%								
Location : South Facade								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : South Facade								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : South Facade 2nd Floor								
Masonry: Granite	5%			LIFE	* *	5	$2,000	
Masonry: Limestone	8%	Now	$16,700	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Around Bay Doors								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Metal Panel	5%			2046	* *	5-10	$9,100	
Stucco Cement	20%	Now	$29,900	2041	* *	5	$6,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Ground Level East And West Facade								
Wood Overhead Doors	7%			2041	* *	5	$9,300	
Windows								
Aluminum	100%	Now	$6,300	2044	* *	5	$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$2,800	
Masonry: Brick	40%			LIFE	* *	5-10	$2,600	
Metal: Cage/Fence	10%			2049	* *	5-10	$700	
Stucco Cement	40%			2041	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout Parapet								
Roof								
Modified Bitumen	100%	Now	$5,400	2041	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Bunk								
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 231/LADDER 120
Asset # : 13123

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%	Now	$7,400	LIFE	* *	5	$9,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Into Basement								
Ceramic Tile	10%			2045	* *	5	$1,200	
Sheet Vinyl/Rubber	5%			2041	* *	5	$900	
Vinyl Tile	50%	Now	$17,200	2041	* *	3	$2,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement And 2nd Floor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Uneven Substrate, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor								
Interior Walls								
Ceramic Tile	10%			2045	* *	5	$1,800	
Concrete Masonry Unit	10%			LIFE	* *	5	$1,500	
Gypsum Board	10%	Now	$500	LIFE	* *	5	$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement, Base Of Wall								
Repairs in Progress, Extent : N/A, Area Affected : 5%								
Location : Basement								
Masonry: Brick	10%	Now	$6,900	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Plaster	35%	Now	$7,700	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Bunk Room								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Corridor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Bunk Room								
SGFT/Glazed Masonry	20%	0-2	$6,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Appratus Floor								
Wood	5%			LIFE	* *	5	$7,300	

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FIRE DEPARTMENT - 057
ENGINE CO. 231/LADDER 120
Asset # : 13123

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	$1,000	2049	* *	5	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement And Bathrooms								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Basement, Kitchen								
Embossed Metal	80%	Now	$6,000	LIFE	* *	5	$4,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Bunk Room								
Paint Peeling, Extent : Light, Area Affected : 30%								
Location : 1st And 2nd Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor								
Exposed Struc: Concrete	10%	Now	$3,700	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Site Enclosure								
Fence/Gates								
Chain Link	70%	Now	$8,900	2046	* *			
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								
Masonry: Brick	30%			2046	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Parking Lot								
Retaining Walls								
Masonry: Brick	100%	Now	$26,900	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$10,900	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Of Parking Lot								

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FIRE DEPARTMENT - 057
ENGINE CO. 231/LADDER 120
Asset # : 13123

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								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$900	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Rear Yard								
Parking/Driveway								
Cast in Place Concrete	100%			2049	* *			
Activity Yard								
Asphalt	100%	0-2	$600	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Sunken Activity Yard								

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Electrical Room								
Explanation : One 200 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2036	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	95%			2044	* *	5	$200	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$3,000	
Generators								
Diesel	100%			2039	* *	1	$3,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : Emergency Generator Rated At 75 Kilovolt Amperes.								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$400	

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FIRE DEPARTMENT - 057
ENGINE CO. 231/LADDER 120
Asset # : 13123

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	18%			2044	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 125 Gallons								
Main Tank	82%			2051	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallons								
Lighting								
Interior Lighting								
Fluorescent	30%			2031	$25,300	10	$2,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement, 3rd Floor Locker Room And Offices								
Explanation : T-12 Lamps								
Fluorescent	20%			2036	$16,900	10	$1,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	50%			2044	* *			
Egress Lighting								
Emergency, Service	100%			2036	$6,000	1		
Exterior Lighting								
LED	20%			2044	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2044	* *	1	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor								
Explanation : CCTV 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								
Natural Gas	100%			2046	* *	1		
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Total House								
Conversion Equipment								
Steam Boiler	100%			2049	* *	1	$9,600	

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FIRE DEPARTMENT - 057
ENGINE CO. 231/LADDER 120
Asset # : 13123

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%			2036	$77,700			
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Thoughout, The Steam And Condensate Return Piping Are Beyond Their Useful Life Cycle Rating								
Terminal Devices								
Convector/Radiator	90%			2034	$71,400	1	$2,800	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout, The Radiators Are Beyond Their Useful Life Cycle Rating								
Unit Heater - Steam	10%			2036	$5,500	4	$100	
Controls								
Electrical	100%			2031	$53,900			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Split Unit	25%			2041	* *			
Window/Wall Unit	50%			2031	$18,400	1		
No Component	25%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2036	$2,100	2	$700	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,700	
No Component	80%							
Exhaust Fans								
Interior	20%			2041	* *	2	$100	
Wall Unit	10%			2031	$400	2		
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
No Water Meter, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units Each								

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FIRE DEPARTMENT - 057
ENGINE CO. 231/LADDER 120
Asset # : 13123

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%	0-2	$6,100	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Bathroom Leaking								
Cast Iron	50%			LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Kitchen. Drain Piping Blockage And Overflow								
Storm Drain Piping								
Cast Iron	50%	0-2	$1,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement. Sewage Backing Up During Heavy Rain								
Cast Iron	50%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$300	4	$300	
Backflow Preventer								
No Component	95%							
Generic	5%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Total House								
Fire Suppression								
Chemical System								
Generic	100%			2031	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression System 5 Feet X 6 Feet Which Equals 30 Square Feet								

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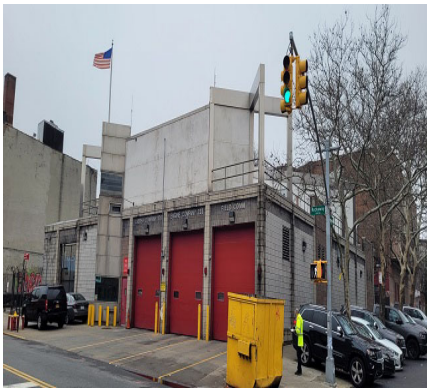
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **06-Mar-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Mez**		
Block	: **1512** **Lot** : **1**	**BIN**	: **3040990**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$227,100	$230,100
Interior Architecture		$248,100
Electrical		$231,900
Mechanical	$124,800	$148,800
Total	**$352,000**	**$858,800**
Importance Code A	$227,100	$295,100
Importance Code B	$124,800	$563,700
Total	**$352,000**	**$858,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$62,400	$1,400		$4,600
Interior Architecture	$68,500	$800		$1,800
Electrical	$1,600	$900	$3,700	$4,800
Mechanical	$29,800	$3,400	$4,100	$87,500
Site Enclosure	$8,400			
Site Pavements	$16,400			
Total	**$187,100**	**$6,500**	**$7,700**	**$98,800**
Importance Code A	$63,000	$2,000	$600	$5,400
Importance Code B	$67,500	$4,100	$7,200	$93,400
Importance Code C	$56,600	$400		
Total	**$187,100**	**$6,500**	**$7,700**	**$98,800**



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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	$158,100	LIFE	* *	5	$6,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Side Alley								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Entry Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Above Overhead Doors In Main Facade								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vertical Cracks, Extent : Moderate, Area Affected : 20%								
Location : Street Facades And Side Lot Entrance								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : North Facade At 1st Floor Offices And Foundation Wall Below								
Metal Panel	10%	Now	$2,900	2045	* *	5	$4,100	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : House Watch At Main Facade								
Metal Sect. OHD	10%			2040	* *	5	$6,800	
Pre-cast Concrete	25%			LIFE	* *	5	$17,800	
Stucco Cement	5%			2048	* *	5	$2,700	
Window Wall	5%	Now	$33,200	2065	* *	5	$2,000	1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : House Watch In Main Entrance, 1st And 2nd Floor								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 5%								
Location : House Watch								
Windows								
Aluminum	97%	Now	$26,300	2060	* *	5	$300	
Air Infiltration, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Metal Louvers	3%			2044	* *	10	$100	
Parapets								
Cast in Place Concrete	45%			LIFE	* *	5	$3,800	
Concrete Masonry Unit	25%			LIFE	* *	5	$200	
Metal Panel	20%			2045	* *	5	$600	
Metal Rail	10%			2040	* *	5-10	$1,500	

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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								
Roof								
Modified Bitumen	100%	Now	$69,000	2035	$230,100			
Alligatoring, Extent : Moderate, Area Affected : 20%								
Location : Lower Roofs								
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Lower Roofs								
Debris Present, Extent : Light, Area Affected : 10%								
Location : Lower Roofs								
Seams Open/Split, Extent : Moderate, Area Affected : 20%								
Location : Lower Roofs								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Above Kitchen And 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Lower Roofs								
Interior								
Floors								
Cast in Place Concrete	40%	2-4	$12,200	LIFE	* *	5	$15,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Various Locations In Apparatus Room								
Ceramic Tile	5%			2038	* *	5	$900	
Quarry Tile	5%			2040	* *	5	$1,300	
Vinyl Tile	50%	Now	$12,400	2035	$248,100	3	$3,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Sitting Area, Mezzanine Office And 2nd Floor Laundry Room								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Lockers								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2038	* *	5	$800	
Concrete Masonry Unit	45%	Now	$31,800	LIFE	* *	5	$2,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Adjacent Parking Lot Entry								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Various Locations Throughout								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stairwell, Bunk Room And Mezzanine Office								
Gypsum Board	10%			LIFE	* *	5	$900	
SGFT/Glazed Masonry	30%			LIFE	* *			

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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
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%	Now	$9,000	2040	* *	5	$1,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
Location : Kitchen, Offices, And Sitting Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Exposed Struc: Concrete	35%			LIFE	* *	5	$1,000	
Gypsum Board	50%	Now	$3,100	LIFE	* *	5	$11,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Lounge								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Lounge								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2045	* *			
Metal, Corrugated	90%	0-2	$3,100	LIFE	* *	1		
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Parking Lot Fence								
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot Fence								
Free Standing Walls								
Cast in Place Concrete	60%			2055	* *			
Concrete Masonry Unit	40%	0-2	$5,300	2045	* *			
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 10%								
Location : Side Yard								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Top Of Gate Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			
Parking/Driveway								
Asphalt	100%	Now	$16,400	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Parking Lot								
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Driveway								
Ponding, Extent : Light, Area Affected : 10%								
Location : Driveway								

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.
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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%			2035	$65,000	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$300	
Raceway								
Conduit	100%			2035	$36,800	1		
Panelboards								
Molded Case Bkrs	100%			2034	$49,600	5	$300	
Enclosure Corroded, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Wiring								
Thermoplastic	100%			2035	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Connected To The Water Main Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$3,700	
Generators								
Diesel	100%			2031	$101,800	1	$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : Emergency Generator Rated At 50 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$400	
Fuel Storage								
Day Tank	20%			2034	$5,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 50 Gallons Rated Capacity								
Main Tank	80%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Side Yard								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2040	* *			

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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								
Emergency, Service	50%			2030	$3,700	1		
Exit, Service	50%	Now	$800	2045	* *	1		
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Hallways								
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2055	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2048	* *	1	$5,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	5%	0-2	$700	2043	* *	4		
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Hot Wtr Piping/Pump	95%			2043	* *	4	$800	
Terminal Devices								
Convector/Radiator	10%			2033	$9,800	1	$400	
Fan Coil Unit/Heat	50%	Now	$14,900	2035	$148,800	1	$1,700	
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : 6 Of Them Have Mechanical Defects. Various Locations								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : 15 Units.								
Unit Heater - Hot Water	40%			2030	$28,500			
Controls								
Electrical	100%			2030	$66,700			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

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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
Air Conditioning								
Conversion Equipment								
Split Unit	10%			2035	$28,500			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : For Locker Room								
Explanation : 1 Unit. R-410a.								
Window/Wall Unit	35%			2030	$15,900	1		
Window/Wall Unit	15%	0-2	$6,800	2035	$6,800	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 70%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2035	$22,000	1	$400	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2035	$2,100	2	$800	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$3,300	
No Component	50%							
Exhaust Fans								
Roof	50%			2035	$11,600	2	$200	
Wall Unit	30%			2030	$1,600	2	$100	
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$1,700	2030	$34,200	2		
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : 1 Unit In Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	10%	Now	$1,500	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Apparatus Floor And 1st Floor Sitting Room								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Boiler Room								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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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								
Sump Pump(s)								
Submersible	100%			2027	$400	4	$400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	$16,600	1-2	$300	
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : In Kitchen								
Explanation : 1 Unit Covers 60 Square Feet								

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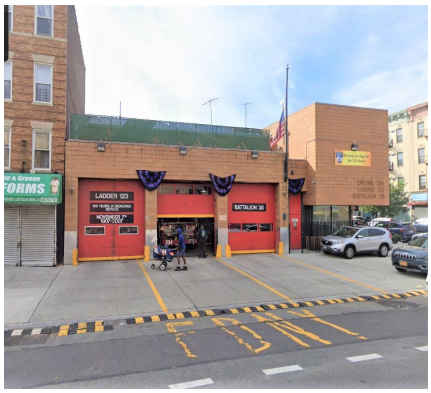
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **01-Dec-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1384** **Lot** : **8**	**BIN**	: **3037055**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$309,000	$154,600
Electrical		$231,900
Mechanical	$115,700	
Total	**$424,700**	**$386,500**
Importance Code A	$309,000	$219,600
Importance Code B	$115,700	$166,900
Total	**$424,700**	**$386,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$71,600			$5,300
Interior Architecture	$98,800			$800
Electrical	$30,600	$3,800	$1,200	$1,400
Mechanical	$25,400	$7,700	$3,600	$13,500
Site Enclosure	$700			$300
Site Pavements	$18,100			
Total	**$245,000**	**$11,400**	**$4,800**	**$21,200**
Importance Code A	$72,000	$500	$500	$6,000
Importance Code B	$150,200	$10,900	$4,300	$15,000
Importance Code C	$22,800			$300
Total	**$245,000**	**$11,400**	**$4,800**	**$21,200**



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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
Exterior								
Exterior Walls								
Concrete Masonry Unit	90%	Now	$309,000	LIFE	* *	5	$12,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : On Both Sides Of Overhead Door And West Facade								
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Entry Facade								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 50%								
Location : All Facades								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Underside Of Soffits								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : At Duct Penetrations Along Side Elevation								
Wood Overhead Doors	10%			2040	* *	5	$10,700	
Windows								
Aluminum	100%	Now	$25,400	2060	* *	5	$300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Locker Room And Kitchen								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	15%	Now	$8,700	LIFE	* *	5	$1,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Upper And Lower Roofs								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Upper And Lower Roofs								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Upper And Lower Roofs								
Caulking Deteriorated, Extent : Moderate, Area Affected : 15%								
Location : Upper And Lower Roofs								
Masonry: Brick	40%	2-4	$16,200	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Exterior Of Parapets Throughout								
Metal: Cage/Fence	5%	4+	$200	2040	* *	5	$300	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Lower Roof								
Stucco Cement	40%	Now	$4,000	2048	* *	5	$800	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Upper And Lower Roofs								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Parapets								
Explanation : Stucco Cover Concrete Masony Unit On Interior Of Parapets								

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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
Exterior								
Roof								
Modified Bitumen	100%	Now	$15,500	2035	$154,600			
Debris Present, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Ponding, Extent : Light, Area Affected : 5%								
Location : Upper And Lower Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Lower Roofs								
Soffits								
Cement - Fiber Panel	100%	2-4	$1,600	2035	$32,400			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Corner Of Building								
Staining/Discoloring, Extent : Severe, Area Affected : 75%								
Location : Corner Of Building And Rear Parking Lot								
Interior								
Floors								
Cast in Place Concrete	50%	Now	$12,800	LIFE	* *	5	$16,500	
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Apparatus Room								
Mosaic Tile	5%	Now	$3,500	2040	* *	5	$900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Second Floor Bathrooms And Officers Bathrooms								
Quarry Tile	5%	4+	$5,600	2040	* *	5	$600	
Worn/Erode, Extent : Light, Area Affected : 20%								
Location : Kitchen								
Vinyl Tile	40%	Now	$33,300	2045	* *	3	$2,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Second Floor								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout Second Floor								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	10%	Now	$8,100	2038	* *	5	$700	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : First Floor Bathroom								
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : First Floor And Second Floor Bathrooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Second Floor Showers								
Concrete Masonry Unit	14%			LIFE	* *	5	$800	
Gypsum Board	30%			LIFE	* *	5	$2,600	
Metal Panel	1%	0-2	$400	LIFE	* *			
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Kitchen								
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								
AcousTileSusp.Lay-In	15%	Now	$800	2040	* *	5	$1,100	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Exposed Struc: Concrete	20%			LIFE	* *	5	$500	
Gypsum Board	65%	Now	$34,300	LIFE	* *	5	$12,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Second Floor Office And Officer Bunk Room								
Loose/Delam Surface, Extent : Moderate, Area Affected : 2%								
Location : Apparatus Floor								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Second Floor Chiefs Office								
Site Enclosure								
Fence/Gates								
Aluminum Rail	10%			2040	* *	5-10	$400	
Deteriorated Finish, Extent : Moderate, Area Affected : 75%								
Location : Roof Guard Rail								
Chain Link	45%	4+	$300	2045	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Rear Parking Lot								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Parking Lot								
Explanation : Chain Link Fence Covered With Corrugated Metal Sheet								
Iron Picket	45%	4+	$300	2055	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Corner Of Building								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$4,400	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Along Schenectady Avenue								
On-Site Walkways								
Cast in Place Concrete	100%			2040	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$13,700	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Front Apron								

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. 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
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2035	$65,000	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 300 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$300	
Raceway								
Conduit	100%			2035	$36,800	1		
Panelboards								
Molded Case Bkrs	100%			2034	$49,600	5	$300	
Wiring								
Thermoplastic	100%			2035	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$200	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Stand-by Power								
Transfer Switches								
Automatic	100%			2033	$13,200	1	$3,200	
Generators								
Diesel	100%			2031	$101,800	1	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 37.5 Kilovolt Amperes, 30 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$400	
Fuel Storage								
Day Tank	3%			2034	$800	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 30 Gallons Rated Capacity								
Main Tank	97%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground								
Explanation : 1,000 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	20%			2035	$18,000	10	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	80%			2043	* *			

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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
Lighting								
Egress Lighting								
Emergency, Service	100%			2043	* *	1		
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%	Now	$19,400	2045	* *	1	$3,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras Not Functional								

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%			2045	* *	1		
Natural Gas	95%			2045	* *	1		
Conversion Equipment								
Hot Water Boiler	95%			2040	* *	1	$4,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Radiant Heater	5%			2040	* *	2	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Office And House Watch								
Explanation : 3 Units								
Distribution								
Hot Wtr Piping/Pump	95%			2034	$21,500	4	$500	
No Component	5%							
Terminal Devices								
Convector/Radiator	55%			2033	$46,600	1	$1,800	
Unit Heater - Hot Water	30%	Now	$11,100	2045	* *			
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Aged Units On Apparatus Floor Ceiling								
No Component	15%							
Controls								
Electrical	100%			2030	$57,600			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

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

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

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								
Exterior Pkg Unit - Cooling	35%			2035	$39,700	2	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 1 Rooftop Unit. R-410a								
Window/Wall Unit	25%	0-2	$5,900	2030	$9,800	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Obsolete Equipment, Extent : Severe, Area Affected : 30%								
Location : Various Locations								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$2,300	
No Component	60%							
Exhaust Fans								
Roof	50%			2035	$10,000	2	$200	
Wall Unit	5%			2030	$200	2		
No Component	45%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units.								
Sanitary Piping								
Cast Iron	10%	Now	$5,200	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Back Of The Apparatus Floor And Parking Lot.								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Office Ceiling								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$300	4	$300	
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. 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%							
Generic	5%			2035	$7,200	1-2	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Limited Coverage								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 10 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 235 / BATTALION 57**		
Address	: **206 MONROE STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.235 / 13126**	**Yr Built/Renovated**	: **1895 /**
Area Sq Ft	: **4,733**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **15-Jul-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1817** **Lot** : **48**	**BIN**	: **3051323**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical		$101,800
Mechanical	$58,100	
Total	**$58,100**	**$101,800**
Importance Code B	$58,100	$101,800
Total	**$58,100**	**$101,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$24,700	$6,800	$300	
Interior Architecture	$25,900	$300	$500	
Electrical	$2,900	$400	$400	$300
Mechanical	$9,100	$12,100	$3,100	$3,100
Site Pavements	$11,200			
Total	**$73,800**	**$19,600**	**$4,300**	**$3,400**
Importance Code A	$25,100	$7,300	$800	$500
Importance Code B	$11,700	$12,300	$3,500	$3,000
Importance Code C	$37,000			
Total	**$73,800**	**$19,600**	**$4,300**	**$3,400**

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

FIRE DEPARTMENT - 057
ENGINE CO. 235 / BATTALION 57
Asset # : 13126

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	$21,900	
Masonry: Limestone	10%			LIFE	* *	5	$2,100	
Wood Overhead Doors	10%			2038	* *	5	$13,700	
Windows								
Aluminum	100%			2049	* *	5	$700	
Parapets								
Masonry: Brick	90%	Now	$21,200	LIFE	* *	5	$800	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	10%	Now	$3,500	LIFE	* *	5	$100	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 60%								
Location : Coping								
Roof								
Copper/Terne	15%			2061	* *	10	$2,900	
Modified Bitumen	80%			2041	* *	10	$6,100	
Skylight, Metal/Glass	5%			2053	* *	10	$1,300	
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	$6,500	
Ceramic Tile	5%			2042	* *	5	$400	
Quarry Tile	5%			2038	* *	5	$600	
Worn/Erode, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Vinyl Tile	50%			2038	* *	3	$1,400	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$900	
Concrete Masonry Unit	5%			LIFE	* *	5	$400	
Masonry: Brick	15%	4+	$25,300	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Basement								
Masonry: Fieldstone	10%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$3,200	
Wood	5%			LIFE	* *	5	$3,500	
Ceilings								
AcousTileSusp.Lay-In	5%			2046	* *	5	$400	
Embossed Metal	35%			LIFE	* *	5	$1,200	
Exposed Struc: Steel	25%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$1,600	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2063	* *			
Free Standing Walls								
Masonry: Brick	100%			2053	* *			
Site Pavements								

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

FIRE DEPARTMENT - 057
ENGINE CO. 235 / BATTALION 57
Asset # : 13126

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%			2046	* *			
Parking/Driveway								
Asphalt	60%	2-4	$11,200	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Cast in Place Concrete	40%			2046	* *			

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%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	* *	5	$100	
Raceway								
Conduit	80%			2033	$29,500	1		
Conduit	20%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$100	
Wiring								
Thermoplastic	80%			2053	* *	1		
Thermoplastic	20%			2033	$6,700	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$1,500	
Generators								
Diesel	100%			2036	$101,800	1	$1,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 81 Kilovolt Amperes.								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : 60 Gallons Rated Capacity								
Lighting								

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

FIRE DEPARTMENT - 057
ENGINE CO. 235 / BATTALION 57
Asset # : 13126

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	5%			2033	$2,100	10	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Dining Area								
Explanation : Compact Flourescent Lights								
LED	95%			2038	* *			
Egress Lighting								
Emergency, Service	100%			2038	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
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%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$4,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	90%			2031	$34,800	1	$1,400	
Unit Heater - Steam	10%			2033	$2,700	4		
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	10%	0-2	$1,800	2033	$1,800	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Window/Wall Unit	50%			2028	$9,000	1		
No Component	40%							
Ventilation								
Exhaust Fans								
Roof	20%			2033	$1,800	2		
No Component	80%							
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. 235 / BATTALION 57
Asset # : 13126

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 With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$100	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2027	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 236**		
Address	: **998 LIBERTY AVENUE @ S. CONDUIT BLVD.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.236 / 13127**	**Yr Built/Renovated**	: **1895 / 2010**
Area Sq Ft	: **4,761**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **16-Oct-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4194** **Lot** : **20**	**BIN**	: **3094289**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$73,400	
Interior Architecture		$97,200
Electrical		$65,000
Mechanical		$58,100
Total	**$73,400**	**$220,300**
Importance Code A	$73,400	
Importance Code B		$220,300
Total	**$73,400**	**$220,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$18,200	$2,600	$3,000	
Interior Architecture	$82,800	$300		$2,500
Electrical	$2,400	$200	$200	$200
Mechanical	$3,600	$3,100	$3,300	$3,300
Site Pavements	$48,300			
Total	**$155,400**	**$6,200**	**$6,400**	**$6,000**
Importance Code A	$18,700	$3,100	$3,400	$500
Importance Code B	$100,800	$3,100	$3,000	$4,100
Importance Code C	$35,900			$1,400
Total	**$155,400**	**$6,200**	**$6,400**	**$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. 236
Asset # : 13127

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	$73,400	LIFE	* *	5	$17,800	
Spalling, Extent : Moderate, Area Affected : 15%								
Location : East Facade								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : East Facade								
Masonry: Granite	3%			LIFE	* *	5	$1,100	
Masonry: Limestone	10%			LIFE	* *	5	$3,600	
Metal Coiling Doors	7%			2053	* *	5	$5,200	
Wood	5%			2049	* *	5	$5,900	
Windows								
Aluminum	100%			2052	* *	5	$1,200	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$5,500	
Masonry: Brick	90%			LIFE	* *	5-10	$12,000	
Roof								
Asphalt Shingle	10%			2045	* *	10	$100	
Copper/Terne	5%			2064	* *	10	$700	
Modified Bitumen	85%	Now	$1,000	2041	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Bunk Room								
Interior								
Floors								
Cast in Place Concrete	35%	0-2	$4,700	LIFE	* *	5	$6,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : At Basement								
Ceramic Tile	15%			2045	* *	5	$1,200	
Quarry Tile	5%			2053	* *	5	$600	
Vinyl Tile	45%	Now	$19,400	2036	$97,200	3	$1,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 2nd And 3rd Floors								
Worn/Erode, Extent : Severe, Area Affected : 50%								
Location : 2nd Floor								
Interior Walls								
Cast in Place Concrete	3%	0-2	$1,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	25%			2045	* *	5	$2,900	
Concrete Masonry Unit	2%			LIFE	* *	5	$200	
Gypsum Board	20%			LIFE	* *	5-10	$3,900	
Masonry: Brick	20%			LIFE	* *	10	$700	
Plaster	25%			LIFE	* *	5-10	$2,500	
SGFT/Glazed Masonry	5%	Now	$5,200	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Garage And Lockers								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 236
Asset # : 13127

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%	0-2	$2,600	2041	* *	5	$400	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Office								
Embossed Metal	20%	4+	$900	LIFE	* *	5	$700	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : First Floor								
Exposed Struc: Steel	20%	Now	$37,600	LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Above Battery Energy Storage								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Basement								
Explanation : Temporary Support Installed Adjacent To Corroded Steel Column								
Gypsum Board	10%	Now	$2,700	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : First And Second Floor								
Metal Panel	5%			LIFE	* *	5	$1,000	
Plaster	35%			LIFE	* *	5-10	$4,700	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2056	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$23,800	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Liberty Avenue								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Sidewalk								
Explanation : Water Penetration Into Basement								
On-Site Walkways								
Cast in Place Concrete	100%			2041	* *			
Parking/Driveway								
Asphalt	100%	2-4	$24,500	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Parking Area At 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								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 236
Asset # : 13127

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	90%			2036	$13,600	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Photovoltaic Panel(s)	10%			2049	* *	1		
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$65,000	5		$100
Raceway								
Conduit	70%	2-4	$1,300	2046	* *	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Basement								
Conduit	30%			2062	* *	1		
Panelboards								
Molded Case Bkrs	100%			2035	$49,600	5		$100
Wiring								
Thermoplastic	100%			2036	$33,300	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5		$100
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main Pipe Grounded								
Lighting								
Interior Lighting								
Fluorescent	20%			2031	$8,300	10		$900
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	80%			2044	* *			
Egress Lighting								
Exit/Emergency Light Combo	100%			2044	* *			
Exterior Lighting								
LED	20%			2044	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2044	* *	1		$1,800
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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. 236
Asset # : 13127

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								
Steam Boiler	100%			2049	* *	1	$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Natural Gasoline Fired Steam Boiler								
Distribution								
Steam Piping/Pump	100%			2036	$38,100			
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout, The Steam And Condensate Return Piping Are Beyond Their Useful Life Cycle Rating								
Terminal Devices								
Convector/Radiator	100%			2034	$38,900	1	$1,500	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout, The Radiators Are Beyond Their Useful Life Cycle Rating								
Controls								
Electrical	100%			2034	$26,500			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Split Unit	10%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Unit, R-410a								
Window/Wall Unit	50%			2031	$9,000	1		
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2041	* *	1	$200	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2041	* *	2	$300	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$400	
No Component	90%							
Exhaust Fans								
Roof	10%	0-2	$100	2036	$900	2		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Wall Unit	25%			2031	$500	2		
Broken, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Room Broken Exhaust Fan								
No Component	65%							

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
ENGINE CO. 236
Asset # : 13127

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 With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units 74 Gallons Each								
Sanitary Piping								
Cast Iron	80%			LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement. Main Drain Piping Blockage And Backups. Drain By Grill Flooding								
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement. Corroded Drain Piping								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement. Main Drain Piping								
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout, The Sanitary Piping Are Beyond Their Useful Life Cycle Rating								
Cast Iron	20%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout, The Storm Drain Piping Are Beyond Their Useful Life Cycle Rating								
Sump Pump(s)								
Submersible	100%	0-2	$100	2030	$100	4	$100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement, Defective Submersible Pump								
Backflow Preventer								
No Component	90%							
Generic	10%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Back Flow Preventer Observed On Boiler Make Up Water Intake								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2034	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Kitchen Hood 6 Feet X 10 Feet Which 60 Square Feet								

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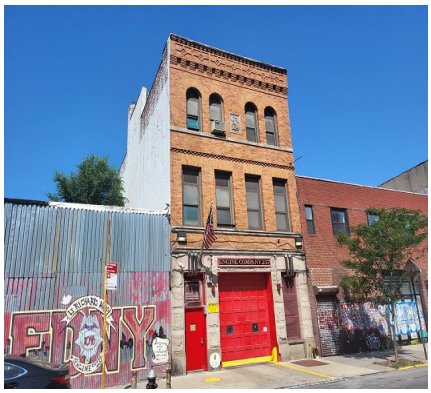
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 237**		
Address	: **43 MORGAN AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.237 / 13128**	**Yr Built/Renovated**	: **1894 /**
Area Sq Ft	: **5,810**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **12-Jul-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3102** **Lot** : **23**	**BIN**	: **3071494**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$73,000
Mechanical		$444,900
Total		**$517,900**
Importance Code A		$73,000
Importance Code B		$444,900
Total		**$517,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture			$700	$800
Interior Architecture		$4,800		$2,300
Electrical	$600	$3,200	$700	$700
Mechanical	$4,800	$3,300	$4,200	$3,100
Site Enclosure	$13,400			
Site Pavements	$44,200	$100	$100	$500
Total	**$62,900**	**$11,400**	**$5,600**	**$7,400**
Importance Code A	$300	$200	$1,000	$1,100
Importance Code B	$5,100	$11,100	$4,600	$5,800
Importance Code C	$57,500	$100	$100	$500
Total	**$62,900**	**$11,400**	**$5,600**	**$7,400**



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. 237
Asset # : 13128

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	$19,100	
Masonry: Granite	3%			LIFE	* *	5	$600	
Masonry: Limestone	10%			LIFE	* *	5	$1,900	
Metal, Corrugated	2%			2059	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stair Bulkhead								
Explanation : New Installation								
Wood Overhead Doors	10%			2031	$73,000	5	$12,700	
Worn/Erode, Extent : Severe, Area Affected : 20%								
Location : Exterior Surface								
Windows								
Aluminum	100%			2049	* *	5	$1,300	
Parapets								
Masonry: Bluestone	10%			LIFE	* *	5	$3,400	
Masonry: Brick	80%			LIFE	* *	5	$1,200	
Metal Rail	5%			2050	* *	5-10	$1,400	
No Component	5%							
Roof								
Modified Bitumen	100%			2041	* *	10	$7,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : All Roofs								
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$4,700	
Recent Replace Evident, Extent : N/A, Area Affected : 60%								
Location : Apparatus Floor And Basement								
Ceramic Tile	10%			2046	* *	5	$900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Bathrooms, Laundry								
Quarry Tile	5%			2050	* *	5	$600	
Wood	60%			2068	* *	5	$9,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 2nd And 3rd Floors								
Interior Walls								
Ceramic Tile	15%			2046	* *	5	$1,800	
Recent Replace Evident, Extent : N/A, Area Affected : 40%								
Location : Bathrooms, Kitchen								
Concrete Masonry Unit	15%			LIFE	* *	5	$700	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Basement								
Gypsum Board	55%			LIFE	* *	5	$3,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 2nd And 3rd Floors								
Masonry: Brick	10%			LIFE	* *			
SGFT/Glazed Masonry	5%			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.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

FIRE DEPARTMENT - 057
ENGINE CO. 237
Asset # : 13128

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%			2050	* *	5	$3,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Kitchen, 3rd Floor, Bathrooms								
Embossed Metal	15%			LIFE	* *	5	$600	
Exposed Struc: Steel	15%			LIFE	* *			
Exposed Struc: Wood	25%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Wood	100%	Now	$13,400	2038	* *			
Dry Rot/Decay, Extent : Severe, Area Affected : 80%								
Location : Rear Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Wood	100%	Now	$44,200	2033	$44,200	1-3	$2,000	
Missing Connections, Extent : Severe, Area Affected : 15%								
Location : Rear Yard Deck								
Rotting/Splitting, Extent : Severe, Area Affected : 80%								
Location : Rear Yard Deck								

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%			2059	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2059	* *	5	$200	
Raceway								
Conduit	100%			2059	* *	1		
Panelboards								
Molded Case Bkrs	100%			2055	* *	5	$200	
Wiring								
Thermoplastic	100%			2059	* *	1		
Motor Controllers								
Locally Mounted	100%			2050	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								

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FIRE DEPARTMENT - 057
ENGINE CO. 237
Asset # : 13128

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%			2050	* *	1	$1,800	
Generators								
Diesel	100%			2046	* *	1	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 60 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$200	
Fuel Storage								
Day Tank	5%			2055	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 26 Gallons Rated Capacity								
Main Tank	95%			2068	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Exit, LED	50%			2068	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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%			2059	* *	1		
Natural Gas	80%			2059	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 237
Asset # : 13128

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 Air Sourced	20%			2037	* *	2	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units								
Hot Water Boiler	80%			2050	* *	1	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	80%	0-2	$1,000	2055	* *	4	$200	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor								
Explanation : Lack Of Heat								
No Component	20%							
Terminal Devices								
Convector/Radiator	60%			2050	* *	1	$1,100	
Fan Coil Unit/Heat	40%			2041	* *	1	$800	
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		
Conversion Equipment								
Heat Pump Air Sourced	50%			2037	* *	2	$200	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units, Roof								
Split Unit	15%			2041	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units, Roof								
No Component	35%							
Terminal Devices								
Fan Coil - 2 Pipe	65%			2041	* *	1	$1,200	
No Component	35%							
Heat Rejection								
Air Cooled Condenser Unit	65%			2041	* *	2	$2,600	
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,200	
Exhaust Fans								
Roof	50%			2041	* *	2	$100	
Wall Unit	20%			2033	$500	2		
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2059	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 237
Asset # : 13128

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 With Tanks								
Gas Fired	80%			2032	$68,300	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Solar	20%			2032	$318,500	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof And Basement								
Explanation : 2 Sets With Two 120 Gallon Storage Tanks.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$200	4	$200	
Backflow Preventer								
Generic	100%			2041	* *	1	$400	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2031	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 25 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **25-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2560** **Lot** : **50**	**BIN**	: **3064786**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$114,900	$247,100
Interior Architecture		$377,400
Electrical		$336,100
Mechanical		$119,700
Site Pavements		$248,800
Total	**$114,900**	**$1,329,100**
Importance Code A	$114,900	$312,200
Importance Code B		$848,400
Importance Code C		$168,500
Total	**$114,900**	**$1,329,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$57,600			
Interior Architecture	$53,700		$800	$2,300
Electrical	$3,400	$700	$700	$50,500
Mechanical	$36,600	$1,200	$18,300	$1,200
Site Enclosure	$12,200			
Site Pavements	$38,200			
Total	**$201,700**	**$1,900**	**$19,800**	**$54,000**
Importance Code A	$58,100	$500	$500	$500
Importance Code B	$81,100	$1,400	$19,300	$52,400
Importance Code C	$62,400			$1,100
Total	**$201,700**	**$1,900**	**$19,800**	**$54,000**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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FIRE DEPARTMENT - 057
ENGINE CO. 238/LADDER CO. 106
Asset # : 13129

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	$12,200	
Masonry: Brick Cavity	85%			LIFE	* *	5	$20,800	
Metal Sect. OHD	5%	Now	$4,400	2044	* *	5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Right Metal Overhead Door								
Explanation : Does Not Reach The Ground When Closed								
Windows								
Aluminum	100%	2-4	$114,900	2056	* *	5	$1,200	2
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Misaligned/Bulging, Extent : Severe, Area Affected : 25%								
Location : 2nd Floor Windows								
Unit Inoperable, Extent : Severe, Area Affected : 10%								
Location : Various Locations Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$1,000	
Masonry: Brick	30%	Now	$2,000	LIFE	* *	5	$800	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Corner Adjacent To Gas Station								
Metal Rail	5%			2036	$8,900	5-10	$2,400	
Stucco Cement	50%	2-4	$1,600	2036	$82,200	5	$1,700	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Upper Roof Parapet								
No Component	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Lower Roof								
Explanation : No Parapet								
Roof								
Modified Bitumen	100%	Now	$49,500	2031	$165,000			
Alligatoring, Extent : Moderate, Area Affected : 20%								
Location : Throughout Both Roofs								
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof								
Ridging, Extent : Moderate, Area Affected : 10%								
Location : Throughout Both Roofs								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Lower Roof Where Kitchen Abuts Garage And Bunk Room								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$11,900	
Interior								

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

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%	0-2	$7,800	LIFE	* *	5	$10,100	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Through Slab In Basement Tank Room								
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Basement Slab Throughout								
Ceramic Tile	10%			2040	* *	5	$1,500	
Sheet Vinyl/Rubber	27%			2031	$271,300	5	$6,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor								
Explanation : Rubber Flooring								
Terrazzo	8%			LIFE	* *	5	$1,000	
Vinyl Tile	25%			2036	$106,100	3	$1,900	
Interior Walls								
Cast in Place Concrete	10%	Now	$16,100	LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout Basement								
Ceramic Tile	10%			2040	* *	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	35%	0-2	$8,700	2048	* *	5	$3,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Locker And Bunk Room								
AcousTileSusp.Lay-In	10%			2044	* *	5	$1,500	
Exposed Struc: Concrete	45%	Now	$20,700	LIFE	* *	5	$1,100	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Plaster	10%			LIFE	* *	5	$1,000	
Site Enclosure								
Fence/Gates								
Chain Link	80%	Now	$9,600	2041	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Gas Station Side								
Iron Picket	20%	Now	$2,600	2051	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Gas Station Side								
Site Pavements								

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

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

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%	Now	$4,000	2036	$80,300			
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Front Of Building								
On-Site Walkways								
Asphalt	100%	4+	$500	2034	$10,400			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Side Yard Adjacent Gas Station								
Parking/Driveway								
Asphalt	100%	Now	$33,700	2034	$168,500			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Driveway And Parking Lot								
Potholes, Extent : Moderate, Area Affected : 15%								
Location : Driveway And Parking Lot								
Sinking/Subsiding, Extent : Severe, Area Affected : 10%								
Location : Parking 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								
Molded Case Bkrs	100%			2031	$65,000	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2031	$65,000	5	$300	
Raceway								
Conduit	100%			2031	$36,800	1		
Panelboards								
Molded Case Bkrs	100%			2030	$49,600	5	$300	
Wiring								
Thermoplastic	100%			2031	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2036	$18,200	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Basement								
Explanation : Connected To Metal Water Pipe. Point Of Contact Not Visible Covered With Insulation								
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	$13,200	1	$3,200	

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. 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
Stand-by Power								
Generators								
Diesel	100%			2034	$101,800	1	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 55 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$400	
Fuel Storage								
Main Tank	100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	60%			2031	$53,500	10	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And First Floor								
Explanation : T-8 Lamps								
LED	40%			2036	$50,700			
Egress Lighting								
Emergency, Service	60%			2031	$3,800	1		
Exit, LED	40%			2046	* *	1		
Exterior Lighting								
HID	30%			2031	$14,400	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%			2041	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2044	* *	1	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2039	* *	4	$800	
Terminal Devices								
Convector/Radiator	70%			2036	$58,700	1	$2,300	
Unit Heater - Steam	30%			2027	$17,500	4	$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
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
Air Conditioning								
Conversion Equipment								
Exterior Pkg Unit - Cooling	15%			2031	$16,900	2	$100	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Split Unit	25%			2036	$60,900			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R-410a Refrigerant								
Window/Wall Unit	20%	0-2	$1,600	2027	$7,800	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 60%								
Location : Various Locations								
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	25%			2036	$47,000	1	$800	
No Component	75%							
Heat Rejection								
Air Cooled Condenser Unit	25%			2036	$4,500	2	$1,800	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$2,900	
No Component	50%							
Exhaust Fans								
Roof	60%			2036	$11,900	2	$200	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$6,500	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 30%								
Location : Water Backs Up In Basement, Apparatus Floor And Parking Lot Badly. 2nd Floor Bathroom Sink.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 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
Plumbing								
Sump Pump(s)								
Non-Submersible	100%	Now	$2,100	2041	* *	4	$200	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 239**		
Address	: **395 4th AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.239 / 13130**	**Yr Built/Renovated**	: **1895 / 2008**
Area Sq Ft	: **4,600**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **17-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **993** **Lot** : **5**	**BIN**	: **3021578**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical		$54,300
Total		**$54,300**
Importance Code B		$54,300
Total		**$54,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$50,300		$300	$1,000
Interior Architecture	$7,700			
Electrical	$3,000	$600	$600	$500
Mechanical	$8,400	$3,000	$3,400	$3,000
Total	**$69,300**	**$3,600**	**$4,200**	**$4,500**
Importance Code A	$50,500	$200	$500	$1,200
Importance Code B	$17,100	$3,400	$3,700	$3,300
Importance Code C	$1,700			
Total	**$69,300**	**$3,600**	**$4,200**	**$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
ENGINE CO. 239
Asset # : 13130

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	$18,900	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal/Glass Curt Wall	10%	Now	$39,900	LIFE	* *	5	$4,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor								
Metal Sect. OHD	5%			2046	* *	5	$3,700	
Windows								
Aluminum	100%			2055	* *	5	$700	
Parapets								
Masonry: Brick	70%			LIFE	* *	5	$1,100	
Masonry: Limestone	10%			LIFE	* *	5	$200	
Metal Panel	10%			2059	* *	5	$600	
Metal: Cage/Fence	10%			2050	* *	5-10	$1,200	
Roof								
Modified Bitumen	90%			2041	* *	10	$6,700	
Plaza Roof: Stone Panels	5%			2059	* *			
Skylight, Metal/Glass	5%	Now	$10,400	2059	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Lower Roof								
Interior								
Floors								
Cast in Place Concrete	75%			LIFE	* *	5	$13,200	
Ceramic Tile	5%			2046	* *	5	$400	
Wood	20%	Now	$1,900	2068	* *	5	$1,500	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Roof Entry Door								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2046	* *	5	$600	
Concrete Masonry Unit	10%			LIFE	* *	5	$400	
Glass: Single Pane	5%			LIFE	* *	5	$400	
Gypsum Board	55%	Now	$1,700	LIFE	* *	5	$3,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
SGFT/Glazed Masonry	15%			LIFE	* *			
Wood	5%			LIFE	* *	5	$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.*

FIRE DEPARTMENT - 057
ENGINE CO. 239
Asset # : 13130

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%	Now	$3,300	2050	* *	5	$2,000	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Bathroom 3rd Floor								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Embossed Metal	20%			LIFE	* *	5	$700	
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	10%	Now	$700	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Weight Room								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Site Enclosure								
Fence/Gates								
Aluminum Rail	100%			2046	* *	5-10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Roof Rail								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Transformers								
Dry Type	100%			2046	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : 75 Kilovolt Amperes, 208 Volts Primary, 120 Volts Secondary								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	* *	5	$100	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	20%			2049	* *	5		
Molded Case Bkrs	80%			2049	* *	5	$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. 239
Asset # : 13130

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%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$1,400	
Generators								
Diesel	100%			2042	* *	1	$1,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 180 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	
Fuel Storage								
Day Tank	15%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 50 Gallons Rated Capacity								
Main Tank	85%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 350 Gallons Rated Capcity								
Lighting								
Interior Lighting								
LED	100%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
LED	10%			2038	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Only								
Explanation : CCTV Surveillance Cameras								

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								

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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. 239
Asset # : 13130

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%			2059	* *	1		
Conversion Equipment								
Furnace	65%			2038	* *	1	$1,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 3 Rooftop Air Conditioning Units With Gasoline Fired Furnaces								
Hot Water Boiler	35%			2046	* *	1	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Natural Gasoline Fired Hot Water Boiler								
Distribution								
Hot Wtr Piping/Pump	35%			2055	* *	4	$100	
No Component	65%							
Terminal Devices								
Convector/Radiator	15%			2046	* *	1	$200	
Fan Coil Unit/Heat	20%			2038	* *	1	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Unit Heaters Serve Apparatus Floor								
No Component	65%							
Air Conditioning								
Energy Source								
Electricity	100%			2055	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2038	* *	2	$100	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units On Roof								
Split Unit	10%			2038	* *			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2038	* *	1	$200	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2038	* *	2	$300	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$2,600	
Exhaust Fans								
Roof	100%			2038	* *	2	$100	
Plumbing								

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

FIRE DEPARTMENT - 057
ENGINE CO. 239
Asset # : 13130

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%			2059	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2031	$8,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Gas Fired	50%	0-2	$5,100	2033	$8,500	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : One 75 Gallon Unit. Basement								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$100	4	$100	
Backflow Preventer								
Generic	100%			2041	* *	1	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2059	* *	1-2	$1,300	
Chemical System								
Wet	100%			2031	$54,300	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set, Covers 25 Square Feet In 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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 24/ LADDER CO. 5**		
Address	: **227 AVENUE OF THE AMERICAS**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.024 / 13018**	**Yr Built/Renovated**	: **1975 /**
Area Sq Ft	: **9,376**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **13-Dec-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **520** **Lot** : **37**	**BIN**	: **1080044**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$95,200	
Mechanical	$58,100	$61,300
Total	**$153,300**	**$61,300**
Importance Code A	$95,200	
Importance Code B	$58,100	$61,300
Total	**$153,300**	**$61,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$102,200		$6,000	
Interior Architecture	$90,500		$4,200	
Electrical	$1,300	$1,000	$3,500	$1,100
Mechanical	$11,800	$3,600	$7,700	$3,600
Site Pavements	$4,800			
Total	**$210,600**	**$4,600**	**$21,300**	**$4,700**
Importance Code A	$102,700	$500	$6,400	$500
Importance Code B	$55,000	$4,200	$14,900	$4,300
Importance Code C	$53,000			
Total	**$210,600**	**$4,600**	**$21,300**	**$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. 24/ LADDER CO. 5
Asset # : 13018

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	$35,300	LIFE	* *	5	$21,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Front And Rear Facade On The Right								
Expansion Joint Failure, Extent : Moderate, Area Affected : 5%								
Location : North And South Property Lines								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Wood Overhead Doors	10%			2049	* *	5	$11,900	
Windows								
Aluminum	100%	Now	$30,400	2044	* *	5	$800	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout All Facades								
Parapets								
Cast Stone/Terra Cotta	15%	Now	$19,100	LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Masonry: Brick	85%			LIFE	* *	5-10	$20,400	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 30%								
Location : South Wall Of Parapet								
Roof								
Modified Bitumen	100%	Now	$95,200	2041	* *			
Alligatoring, Extent : Moderate, Area Affected : 5%								
Location : Throughout Middle Area								
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Throughout Middle Area								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout								
Soffits								
Cement - Fiber Panel	100%			2036		10		
Staining/Discoloring, Extent : Light, Area Affected : 50%								
Location : Front Facade								
Interior								

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. 24/ LADDER CO. 5
Asset # : 13018

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%	2-4	$23,900	LIFE	* *	5	$12,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Apparatus And Basement Floor								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Flooding During Heavy Rain, Sewer Backs Up								
Ceramic Tile	35%	2-4	$5,500	2045	* *	5	$2,500	
Worn/Erode, Extent : Light, Area Affected : 25%								
Location : Throughout								
Quarry Tile	5%	2-4	$1,000	2049	* *	5	$500	
Worn/Erode, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Vinyl Tile	20%			2041	* *	3	$1,100	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Second Floor								
Interior Walls								
Concrete Masonry Unit	20%			LIFE	* *	5	$3,600	
Recent Repair Evident, Extent : N/A, Area Affected : 80%								
Location : Second Floor								
Concrete Masonry Unit	10%	Now	$42,800	LIFE	* *	5	$900	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Basement								
Explanation : Ground Water Penetration								
Gypsum Board	5%	Now	$300	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lounge								
Plaster	15%			LIFE	* *	5-10	$2,900	
Recent Repair Evident, Extent : N/A, Area Affected : 60%								
Location : Second Floor								
Plywood/Hardboard	10%			LIFE	* *	10	$200	
SGFT/Glazed Masonry	40%			LIFE	* *	10	$4,600	
Ceilings								
AcousTileSusp.Lay-In	55%			2049	* *	5	$7,700	
Exposed Struc: Concrete	35%			LIFE	* *	5-10	$6,100	
Gypsum Board	10%			LIFE	* *	5-10	$4,800	
Recent Repair Evident, Extent : N/A, Area Affected : 60%								
Location : Second Floor								
Site Enclosure								

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FIRE DEPARTMENT - 057
ENGINE CO. 24/ LADDER CO. 5
Asset # : 13018

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%			2056	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2071	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$200	2049	* *			
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Steps To Rear Yard								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$1,200	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Front Ramp								
Activity Yard								
Cast in Place Concrete	100%	0-2	$3,400	2049	* *			
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Rear Yard								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Rear Yard								
Explanation : Floods During Heavy Rain								

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%			2056	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 300 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2056	* *	5	$200	
Raceway								
Conduit	90%			2036	$33,100	1		
Conduit	10%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	85%			2035	$42,200	5	$200	
Molded Case Bkrs	10%			2052	* *	5		
Wiring								
Thermoplastic	90%			2036	$30,000	1		
Thermoplastic	10%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5	$100	

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FIRE DEPARTMENT - 057
ENGINE CO. 24/ LADDER CO. 5
Asset # : 13018

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%			2034	$13,200	1	$2,900	
Generators								
Diesel	100%			2039	* *	1	$3,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Back Yard								
Explanation : Emergency Generator Rated At 40 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$300	
Fuel Storage								
Day Tank	5%			2044	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Backyard								
Explanation : 50 Gallons Rated Capacity								
Main Tank	95%			2039	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Underground								
Explanation : 1,000 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	50%			2036	$40,700	10	$4,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor, Basement								
Explanation : T-8 Lamps								
LED	50%			2044	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor								
Explanation : LED Lamps								
Egress Lighting								
Emergency, Service	50%			2036	$2,900	1		
Exit, Service	50%			2036	$2,000	1		
Exterior Lighting								
LED	5%			2041	* *			
No Component	95%							
Alarm								
Security System								
Generic	100%			2044	* *	1	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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FIRE DEPARTMENT - 057
ENGINE CO. 24/ LADDER CO. 5
Asset # : 13018

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	100%			2041	* *	1	$4,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : One Unit								
Distribution								
Hot Wtr Piping/Pump	100%	Now	$1,000	2044	* *	4	$500	
Leak Evident, Extent : Light, Area Affected : 2%								
Location : Basement - Boiler Room								
Terminal Devices								
Convector/Radiator	80%			2034	$61,300	1	$2,400	
Unit Heater - Hot Water	20%			2044	* *			
Air Conditioning								
Energy Source								
Electricity	100%			2058	* *	1		
Conversion Equipment								
Split Unit	50%			2044	* *			
Window/Wall Unit	10%			2029	$3,600	1		
No Component	40%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Garage								
Explanation : Location Noted								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$8,300	
Exhaust Fans								
Roof	80%			2044	* *	2	$200	
Roof	20%			2036	$3,600	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : Two Units, 75mbh 74 Gallons								
HW Heat Exchanger								
HTHW/HW	100%			2036	$26,300			
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 24/ LADDER CO. 5
Asset # : 13018

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%			2027	$300	4	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2062	* *	1-2	$2,600	
Chemical System								
Generic	100%			2029	$58,100	1-10	$29,000	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : One 30 Square Foot Hood							

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 240**		
Address	: **1307 PROSPECT AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.240 / 13131**	**Yr Built/Renovated**	: **1895 / 2000**
Area Sq Ft	: **5,090**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **06-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5285** **Lot** : **21**	**BIN**	: **3122838**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$229,500	
Interior Architecture	$94,700	
Electrical		$166,900
Mechanical		$54,300
Total	**$324,200**	**$221,100**
Importance Code A	$229,500	
Importance Code B	$94,700	$221,100
Total	**$324,200**	**$221,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture		$4,400	$700	
Interior Architecture	$89,500			$400
Electrical	$3,100	$600	$500	$500
Mechanical	$44,600	$14,900	$3,300	$3,200
Site Enclosure	$8,200			
Site Pavements	$4,700			
Total	**$150,100**	**$19,900**	**$4,500**	**$4,100**
Importance Code A	$500	$4,900	$1,200	$500
Importance Code B	$80,500	$15,000	$3,300	$3,600
Importance Code C	$69,100			
Total	**$150,100**	**$19,900**	**$4,500**	**$4,100**

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FIRE DEPARTMENT - 057
ENGINE CO. 240
Asset # : 13131

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	$101,200	LIFE	* *	5	$12,300	
Corrosion/Rusting, Extent : Severe, Area Affected : 5%								
Location : Overhead Door								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : East And North Facade								
Masonry: Limestone	20%			LIFE	* *	5	$2,600	
Wood Overhead Doors	10%			2038	* *	5	$8,800	
Windows								
Aluminum	100%			2049	* *	5	$1,400	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$900	
Masonry: Brick	90%	Now	$53,500	LIFE	* *	5	$2,100	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Front Facade Parapet								
Masonry: Limestone	5%			LIFE	* *	5	$100	
Roof								
Metal, Corrugated	10%			2046	* *	1		
Modified Bitumen	88%	4+	$74,800	2043	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Lower And Upper Roof								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Lower Roof								
Worn/Erode, Extent : Moderate, Area Affected : 60%								
Location : Granular Finish Is Deteriorating Collecting At The Roof Drains. Throughout								
Skylight, Metal/Glass	2%			2043	* *	10	$500	
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	$7,500	
Ceramic Tile	5%			2042	* *	5	$400	
Quarry Tile	5%			2046	* *	5	$600	
Vinyl Tile	45%	Now	$94,700	2043	* *	3	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Locker Room								
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor. Locker Room								

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FIRE DEPARTMENT - 057
ENGINE CO. 240
Asset # : 13131

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%			2042	* *	5	$200	
Gypsum Board	15%			LIFE	* *	5	$700	
Masonry: Brick	15%	Now	$44,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Plaster	68%	Now	$12,800	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Battalion 48								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Corridor, Battalion 48 Office And Stairs To Basement								
Ceilings								
AcousTileSusp.Lay-In	40%	Now	$2,500	2038	* *	5	$1,500	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Embossed Metal	40%	Now	$18,400	LIFE	* *	5	$1,400	
Bent/Warped Elements, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Apparatus Floor								
Exposed Struc: Concrete	20%	Now	$11,400	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Site Enclosure								
Fence/Gates								
Chain Link	95%	Now	$8,200	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Fence Concrete Base								
Iron Picket	5%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$3,900	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 240
Asset # : 13131

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								
Activity Yard								
Cast in Place Concrete	100%	0-2	$800	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Rear Yard								

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$100	
Raceway								
Conduit	100%			2033	$36,800	1		
Panelboards								
Molded Case Bkrs	50%			2032	$24,800	5	$100	
Molded Case Bkrs	50%			2041	* *	5	$100	
Wiring								
Thermoplastic	100%			2043	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$1,600	
Generators								
Diesel	100%			2036	$101,800	1	$2,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : Emergency Generator Rated At 60 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : No Available Ratings Capacity								
Lighting								

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FIRE DEPARTMENT - 057
ENGINE CO. 240
Asset # : 13131

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	10%			2033	$4,400	10	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	90%			2041	* *			
Egress Lighting								
Emergency, Service	100%			2033	$3,100	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Camera								

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%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Central Plant Steam Piping/Pmp	100%			2043	* *	4	$400	
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$1,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2038	* *			
Window/Wall Unit	60%	Now	$2,300	2028	$11,600	1		
Broken, Extent : Severe, Area Affected : 20%								
Location : Locker Room, Bunker Rooms, Kitchen								
No Component	30%							
Ventilation								

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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. 240
Asset # : 13131

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	30%	Now	$13,400	LIFE	* *	2-5	$900	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Kitchen Rooftop								
No Component	70%							
Exhaust Fans								
Roof	20%			2038	* *	2		
Roof	15%	Now	$1,500	2043	* *	2		
Unit Inoperable, Extent : Severe, Area Affected : 20%								
Location : First Floor Roof								
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2053	* *	1		
Galvanized Steel	50%	Now	$3,200	2038	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%	Now	$17,100	2031	$34,200	2		
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Basement								
Explanation : Two 75 Gallons Units, One Broken.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$3,600	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Apparatus Floor								
Sump Pump(s)								
Submersible	100%	Now	$200	2028	$200	4	$100	
Broken, Extent : Severe, Area Affected : 20%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	100%			2031	$54,300	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Kitchen								
Explanation : 12 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 241**		
Address	: **6630 THIRD AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.241 / 13132**	**Yr Built/Renovated**	: **1970 /**
Area Sq Ft	: **8,575**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **13-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5841** **Lot** : **40**	**BIN**	: **3144349**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$122,000	
Electrical		$130,000
Total	**$122,000**	**$130,000**
Importance Code A		$65,000
Importance Code B	$122,000	$65,000
Total	**$122,000**	**$130,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$40,500			$2,700
Interior Architecture	$41,100		$4,800	
Electrical	$10,500	$1,300		
Mechanical	$13,100	$28,000	$1,300	$1,100
Site Enclosure	$10,600			
Site Pavements	$14,000			
Total	**$129,900**	**$29,200**	**$6,100**	**$3,900**
Importance Code A	$41,000	$500	$400	$3,100
Importance Code B	$55,400	$28,700	$5,700	$700
Importance Code C	$33,500			
Total	**$129,900**	**$29,200**	**$6,100**	**$3,900**

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. 241
Asset # : 13132

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%	4+	$22,800	LIFE	* *	5	$13,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 2%								
Location : Entrance Door								
Metal Sect. OHD	10%			2050	* *	5	$5,400	
Stucco Cement	10%			2046	* *	5	$4,300	
Windows								
Aluminum	100%	Now	$8,700	2041	* *	5	$900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Roof								
Modified Bitumen	100%	2-4	$9,100	2038	* *			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	50%	0-2	$54,600	LIFE	* *	5	$14,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Stair Treads To Cellar And Boiler Room								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Ceramic Tile	10%			2046	* *	5	$1,300	
Panel/Paver: Cer/Brk	33%			2049	* *	5	$9,500	
Terrazzo	5%	2-4	$3,000	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Vinyl Tile	2%	Now	$7,100	2043	* *	3	$100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Stair Landing								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Stair Landing								
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Stair Landing								

Note : 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. 241
Asset # : 13132

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								
Cast in Place Concrete	5%	0-2	$1,700	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Upper Foundation Wall At Building Joint								
Ceramic Tile	10%			2042	* *	5	$2,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$500	
Marble Panels	5%			LIFE	* *			
Plaster	35%	Now	$3,800	LIFE	* *	5	$2,400	
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Stairs								
SGFT/Glazed Masonry	40%	4+	$16,200	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Ceilings								
AcousTileSusp.Lay-In	10%			2046	* *	5	$1,600	
Exposed Struc: Concrete	55%	4+	$67,400	LIFE	* *	5	$1,400	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Below Washing Machine								
Gypsum Board	5%	2-4	$700	LIFE	* *	5	$1,000	
Water Penetration, Extent : Light, Area Affected : 2%								
Location : 2nd Floor Bathroom								
Plaster	30%	4+	$7,500	LIFE	* *	5	$3,100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stairway								
Site Enclosure								
Fence/Gates								
Aluminum Rail	75%	Now	$10,600	2046	* *	5	$4,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Main Roof Detached Guardrail								
Loose/Miss Fasteners, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Chain Link	25%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$14,000	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Sidewalk								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			

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
ENGINE CO. 241
Asset # : 13132

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	$65,000	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 300 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$200	
Raceway								
Conduit	20%			2043	* *	1		
Conduit	80%			2033	$29,500	1		
Panelboards								
Molded Case Bkrs	20%			2041	* *	5		
Molded Case Bkrs	80%			2032	$39,700	5	$200	
Wiring								
Thermoplastic	50%			2043	* *	1		
Thermoplastic	50%			2033	$16,600	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
LED	100%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$1,000	
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
HID	30%			2033	$12,000	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%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	$4,200	
Distribution								
Hot Wtr Piping/Pump	100%			2041	* *	4	$400	
Terminal Devices								
Convector/Radiator	70%			2038	* *	1	$1,900	
Unit Heater - Hot Water	30%			2033	$15,300			

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

FIRE DEPARTMENT - 057
ENGINE CO. 241
Asset # : 13132

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%			2041	* *	1		
Conversion Equipment								
Split Unit	30%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : For Bunker Room. R-410a Refrigerant And Kitchen								
Window/Wall Unit	30%			2028	$9,700	1		
Window/Wall Unit	10%	0-2	$3,200	2033	$3,200	1		
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : 2 Units In Gymnasium								
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	30%			2038	* *	1	$800	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2038	* *	2	$1,800	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$2,400	
No Component	50%							
Exhaust Fans								
Interior	30%			2038	* *	2	$100	
Roof	20%			2038	* *	2	$100	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	10%	Now	$3,300	2043	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Inside The Wall Of 2nd Floor Laundry Area, Leaking To Apparatus Floor.								
Brass/Copper	90%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cellar								
Explanation : One 75 Gallon Heater								
Sanitary Piping								
Cast Iron	100%	0-2	$5,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 30%								
Location : Basement And Apparatus Floor								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$300	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.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

FIRE DEPARTMENT - 057

ENGINE CO. 241

Asset # : 13132

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2033	$35,600	1-2	$700	

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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 242**		
Address	: **9219 FIFTH AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.242 / 13133**	**Yr Built/Renovated**	: **1895 /**
Area Sq Ft	: **4,800**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **10-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **6109** **Lot** : **19**	**BIN**	: **3155323**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$152,800	$69,500
Electrical		$65,000
Mechanical	$58,100	
Total	**$210,900**	**$134,500**
Importance Code B	$210,900	$134,500
Total	**$210,900**	**$134,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$3,200	$7,400		
Interior Architecture	$83,200			$300
Electrical	$200	$2,500	$200	$200
Mechanical	$11,800	$50,300	$3,000	$2,900
Site Enclosure	$30,800			
Site Pavements	$3,100			
Total	**$132,400**	**$60,200**	**$3,200**	**$3,400**
Importance Code A	$3,400	$7,600	$200	$200
Importance Code B	$51,500	$52,600	$3,000	$3,200
Importance Code C	$77,400			
Total	**$132,400**	**$60,200**	**$3,200**	**$3,400**

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

FIRE DEPARTMENT - 057
ENGINE CO. 242
Asset # : 13133

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	$13,100	
Masonry: Limestone	10%			LIFE	* *	5	$1,300	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 15%								
Location : Throughout								
Granite Panels	2%			LIFE	* *	5	$300	
Wood Overhead Doors	13%			2038	* *	5	$11,300	
Windows								
Aluminum	100%	Now	$3,200	2049	* *	5	$300	1
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Fifth Avenue								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$1,200	
Metal Cornice	15%			2061	* *	10	$700	
Roof								
Asphalt Shingle	80%			2042	* *	10	$1,100	
Modified Bitumen	20%			2038	* *	10	$1,700	
Interior								
Floors								
Cast in Place Concrete	50%	Now	$152,800	LIFE	* *	5	$7,900	
Recent Replace Evident, Extent : N/A, Area Affected : 75%								
Location : Throughout								
Ceramic Tile	10%	Now	$8,100	2042	* *	5	$400	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Quarry Tile	5%			2046	* *	5	$500	
Vinyl Tile	35%	Now	$13,900	2033	$69,500	3	$900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$500	
Gypsum Board	15%			LIFE	* *	5	$900	
Masonry: Brick	15%			LIFE	* *			
Plaster	60%	Now	$43,300	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Wood	5%			LIFE	* *	5	$2,000	

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

FIRE DEPARTMENT - 057
ENGINE CO. 242
Asset # : 13133

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%	Now	$9,000	2046	* *	5	$500	
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor Bathrooms								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Toilet								
Worn/Erode, Extent : Light, Area Affected : 100%								
Location : Kitchen And Toilets								
Exposed Struc: Steel	20%			LIFE	* *			
Plaster	40%	Now	$8,700	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	25%			LIFE	* *	5	$15,700	
Site Enclosure								
Free Standing Walls								
Concrete Masonry Unit	100%	Now	$30,800	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rear Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$3,100	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2050	* *			

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$100	
Raceway								
Conduit	20%			2043	* *	1		
Conduit	80%			2033	$29,500	1		
Panelboards								
Molded Case Bkrs	50%			2032	$24,800	5	$100	
Molded Case Bkrs	50%			2041	* *	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
ENGINE CO. 242
Asset # : 13133

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%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	70%			2033	$29,200	10	$3,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement, 1st Floor								
Explanation : T-8 Lamps								
LED	30%			2041	* *			
Exterior Lighting								
HID	10%			2028	$2,200	10		
No Component	90%							
Alarm								
Security System								
Generic	100%			2033	$9,000	1	$1,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Only								
Explanation : CCTV Surveillance Camera								

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	20%			2033	$3,000	1	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Serves 2nd Floor								
Hot Water Boiler	80%			2046	* *	1	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Hot Water Boiler								
Distribution								
Hot Wtr Piping/Pump	80%			2032	$8,400	4	$300	
No Component	20%							
Terminal Devices								
Convector/Radiator	80%			2031	$31,400	1	$1,200	
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.
Maintenance $ are aggregated over a ten-year period. 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. 242
Asset # : 13133

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%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2038	* *			
Window/Wall Unit	50%	0-2	$900	2028	$9,100	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 10%								
Location : The Gymnasum In 2nd Floor								
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2038	* *	1	$200	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2038	* *	2	$300	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$800	
No Component	70%							
Exhaust Fans								
Roof	20%	0-2	$700	2033	$1,900	2		
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Bath Room Exhaust Fans								
Wall Unit	50%	2-4	$1,000	2043	* *	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : 1 Unit Is On Extended Life Time.								
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$6,000	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor Bath Room								
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Leaks To The Ceiling Of Kitchen Causing Health Issue, It Needs To Be Take Care Soon.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$100	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

ENGINE CO. 242

Asset # : 13133

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								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Covers 25 Square Feet In Kitchen.							
	Explanation : 1 Set							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 243/LADDER CO. 168**		
Address	: **8653 18th AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.243 / 13134**	**Yr Built/Renovated**	: **1896 / 2009**
Area Sq Ft	: **5,742**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **04-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **6369** **Lot** : **24**	**BIN**	: **3166596**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$66,000
Interior Architecture	$238,800	
Mechanical		$54,300
Site Enclosure	$54,800	
Total	**$293,600**	**$120,200**
Importance Code A		$66,000
Importance Code B	$147,000	$54,300
Importance Code C	$146,700	
Total	**$293,600**	**$120,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$22,200		$300	
Interior Architecture	$106,700			$400
Electrical	$5,600	$400	$400	$400
Mechanical	$24,400	$13,800	$3,100	$3,000
Site Pavements	$33,700			
Total	**$192,500**	**$14,300**	**$3,800**	**$3,700**
Importance Code A	$22,500	$300	$500	$300
Importance Code B	$131,600	$14,000	$3,300	$3,400
Importance Code C	$38,500			
Total	**$192,500**	**$14,300**	**$3,800**	**$3,700**

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

FIRE DEPARTMENT - 057
ENGINE CO. 243/LADDER CO. 168
Asset # : 13134

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	10%	2-4	$2,000	2053	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Side Facade								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$7,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$600	
Masonry: Brick	80%			LIFE	* *	5	$16,200	
Windows								
Aluminum	100%			2049	* *	5	$500	
Parapets								
Cast Stone/Terra Cotta	40%			LIFE	* *	5	$1,500	
Masonry: Brick	60%	Now	$18,200	LIFE	* *	5	$300	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Copper/Terne	5%			2061	* *	10	$900	
Copper/Terne	5%			2061	* *	10	$900	
Modified Bitumen	85%			2033	$66,000	10	$6,000	
Skylight, Metal/Glass	5%	4+	$2,000	2053	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor								
Explanation : Does Not Close Properly								
Interior								
Floors								
Cast in Place Concrete	60%	Now	$147,000	LIFE	* *	5	$12,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Apparatus Floor								
Ceramic Tile	5%			2042	* *	5	$500	
Quarry Tile	5%			2046	* *	5	$700	
Vinyl Tile	30%	Now	$47,700	2038	* *	3	$1,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout Locker Room And Bunk Room								

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. 243/LADDER CO. 168
Asset # : 13134

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%			2042	* *	5	$800	
Masonry: Brick	10%	Now	$91,800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Paint Peeling, Extent : Severe, Area Affected : 75%								
Location : Basement								
Spalling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Basement								
Metal Panel	2%			LIFE	* *			
Plaster	56%	Now	$4,400	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Weight Room, Office On 2nd Floor								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Weight Room								
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	2%			LIFE	* *	5	$1,300	
Ceilings								
AcousTileSusp.Lay-In	5%			2046	* *	5	$500	
AcousTileSusp.Lay-In	30%			2046	* *	5	$2,800	
Embossed Metal	30%	Now	$17,100	LIFE	* *	5	$1,300	
Broken/Missing Elements, Extent : Light, Area Affected : 30%								
Location : Throughout								
Exposed Struc: Concrete	20%	Now	$14,200	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Exposed Struc: Steel	5%	Now	$22,700	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Underside Of Stairs								
Gypsum Board	10%			LIFE	* *	5	$1,200	
Site Enclosure								
Fence/Gates								
Chain Link	80%	Now	$54,800	2063	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Iron Picket	20%			2068	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								

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FIRE DEPARTMENT - 057
ENGINE CO. 243/LADDER CO. 168
Asset # : 13134

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%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$26,300	2053	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 70%								
Location : Side Yard								
Tripping Hazard, Extent : Severe, Area Affected : 60%								
Location : Near Gate								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$7,300	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
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%			2043	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2041	* *	5		
Molded Case Bkrs	95%			2041	* *	5	$100	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$1,800	
Generators								
Diesel	100%			2042	* *	1	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Rear Yard								
Explanation : One 60 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	

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FIRE DEPARTMENT - 057
ENGINE CO. 243/LADDER CO. 168
Asset # : 13134

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								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Rear Yard								
Explanation : 60 Gallons								
Main Tank	50%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallons								
Lighting								
Interior Lighting								
Fluorescent	25%			2033	$12,500	10	$1,300	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement								
Fluorescent	75%			2033	$37,400	10	$4,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : First And Second Floor								
Exterior Lighting								
HID	10%			2033	$2,700	10		
HID	10%	Now	$2,700	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Front Of The Building								
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Natural Gasoline Fired Sectional Hot Water Boilers								
Distribution								
Hot Wtr Piping/Pump	100%			2041	* *	4	$300	
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$1,900	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 243/LADDER CO. 168
Asset # : 13134

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	25%	0-2	$6,800	2038	* *			
Leak Evident, Extent : Moderate, Area Affected : 25%								
Location : Split Unit At Locker Room Leaking								
Window/Wall Unit	50%	0-2	$500	2028	$10,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Window, Wall Unit Is Not Working								
No Component	25%							
Ventilation								
Exhaust Fans								
Roof	60%			2033	$6,700	2	$100	
Wall Unit	40%	0-2	$2,100	2033	$4,100	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Kitchen Exhaust Is Not Working								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	$7,300	2038	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Corroded Water Main								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Cold, Hot Water Piping								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Incoming Water Service								
Explanation : Obsolete Material. Water Service From Street								
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 74 Gallon Unit								
Sanitary Piping								
Cast Iron	100%	Now	$3,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 30%								
Location : Second Floor Water Closet								
Storm Drain Piping								
Cast Iron	100%	Now	$1,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor Drains								
Backflow Preventer								
No Component	98%							
Generic	2%			2038	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								

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FIRE DEPARTMENT - 057
ENGINE CO. 243/LADDER CO. 168
Asset # : 13134

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								
Wet	100%			2031	$54,300	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Kitchen, Covers 21 Square Feet								
Explanation : Kitchen Fire Suppression System								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: ENGINE CO. 245/LADDER CO. 161 / BATTALION 43/ 60TH PRECINCT		
Address	: 2929 WEST 8th STREET		
Borough	: BROOKLYN	**Agency's Number**	: N/A
Program / Asset #	: FIRSECO.245 / 13135	**Yr Built/Renovated**	: 1971 / 2001
Area Sq Ft	: 8,650	**Project Type**	: FIRE DEPARTMENT
Date of Survey	: 13-Jul-2022	**Landmark Status**	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2		
Block	: 7279 **Lot** : 290	**BIN**	: 3196591

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$318,700	$347,400
Interior Architecture		$52,400
Mechanical	$58,100	$124,000
Site Enclosure	$64,100	
Total	**$440,900**	**$523,800**
Importance Code A	$318,700	$347,400
Importance Code B	$58,100	$176,400
Importance Code C	$64,100	
Total	**$440,900**	**$523,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$43,500	$900	$3,000	
Interior Architecture	$26,700		$300	
Electrical	$700	$3,400	$700	$600
Mechanical	$16,800	$20,600	$3,300	$2,800
Total	**$87,600**	**$24,800**	**$7,400**	**$3,400**
Importance Code A	$43,500	$900	$3,000	
Importance Code B	$32,200	$23,900	$4,300	$3,400
Importance Code C	$11,900			
Total	**$87,600**	**$24,800**	**$7,400**	**$3,400**

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

FIRE DEPARTMENT - 057

ENGINE CO. 245/LADDER CO. 161 / BATTALION 43/ 60TH PRECINCT

Asset # : 13135

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	10%			2053	* *	10	$1,600	
Masonry: Brick	65%	Now	$133,300	LIFE	* *	5	$32,400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Rear Elevation								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Metal Panel	5%	Now	$3,300	2053	* *	5	$4,700	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Front Elevation								
Deteriorated Finish, Extent : Light, Area Affected : 5%								
Location : Front Elevation								
Metal Sect. OHD	5%			2046	* *	5	$7,800	
Pre-cast Concrete	15%	Now	$27,100	LIFE	* *	5	$24,300	
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%			2049	* *	5	$6,100	
Parapets								
Masonry: Brick	80%	Now	$185,400	LIFE	* *	5	$3,700	1
Cracking/Crumbling, Extent : Severe, Area Affected : 45%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 55%								
Location : Throughout								
Metal Panel	10%			2043	* *	5	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Metal Coping At Parapet								
Metal Rail	10%	Now	$6,100	2038	* *	5	$3,200	
Deformed/Dented, Extent : Moderate, Area Affected : 50%								
Location : West Elevation								
Roof								
Asphalt Shingle	15%			2042	* *	10	$1,000	
Modified Bitumen	83%	4+	$6,900	2033	$347,400			
Blisters, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Skylight, Metal/Glass	2%			2053	* *	10	$2,600	
Soffits								
Pre-cast Concrete	100%			LIFE	* *	5		
Interior								

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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. 245/LADDER CO. 161 / BATTALION 43/ 60TH PRECINCT

Asset # : 13135

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	55%			LIFE	* *	5	$52,400	
Ceramic Tile	35%			2042	* *	5	$15,300	
Terrazzo	5%			LIFE	* *	5	$1,700	
Vinyl Tile	5%			2038	* *	3	$800	
Interior Walls								
Ceramic Tile	15%			2042	* *	5	$8,900	
Gypsum Board	5%			LIFE	* *	5	$1,800	
Plaster	35%			LIFE	* *	5	$6,200	
SGFT/Glazed Masonry	7%	Now	$7,500	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Stair Landing To Roof								
SGFT/Glazed Masonry	33%			LIFE	* *			
Wood	5%			LIFE	* *	5	$11,800	
Ceilings								
AcousTileSusp.Lay-In	50%	Now	$7,200	2053	* *	5	$10,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 3%								
Location : Throughout								
Exposed Struc: Concrete	20%			LIFE	* *	5	$1,300	
Plaster	30%			LIFE	* *	5	$8,100	
Site Enclosure								
Fence/Gates								
Wood	100%			2027	$64,100			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	* *	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. 245/LADDER CO. 161 / BATTALION 43/ 60TH PRECINCT

Asset # : 13135

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	30%			2033	$11,000	1		
Conduit	70%			2053	* *	1		
Panelboards								
Molded Case Bkrs	30%			2032	$14,900	5	$100	
Molded Case Bkrs	70%			2049	* *	5	$200	
Wiring								
Thermoplastic	70%			2053	* *	1		
Thermoplastic	30%			2033	$10,000	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$2,700	
Generators								
Natural Gas	100%			2046	* *	1	$3,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 60 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$300	
Lighting								
Interior Lighting								
Fluorescent	50%			2033	$37,600	10	$4,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : T-8 Lamps								
LED	50%			2041	* *			
Egress Lighting								
Exit, Service	100%			2041	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
No Component	90%							
Generic	10%			2033	$1,600	1	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Only								
Explanation : CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 245/LADDER CO. 161 / BATTALION 43/ 60TH PRECINCT

Asset # : 13135

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%			2053	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 60th Precinct								
Explanation : Service From Adjacent Building								
Conversion Equipment								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Heating Source Is Supplied From Adjacent 60th Precinct								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$400	2041	* *	4	$400	
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : The Thermostat In 2nd Floor								
Terminal Devices								
Convector/Radiator	75%			2031	$53,100	1	$2,100	
Unit Heater - Hot Water	25%			2028	$12,800			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	30%			2038	* *	2	$200	
Window/Wall Unit	50%	0-2	$8,200	2031	$16,400	1		
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : And Inefficient, Various Locations								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Various Locations								
Explanation : Window Units Compensate For Ineffective Cooling Provided From Adjacent 60th Precinct								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	75%			LIFE	* *	2-5	$3,600	
No Component	25%							
Exhaust Fans								
Roof	75%			2038	* *	2	$200	
Wall Unit	25%			2028	$900	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2031	$70,900	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units. There Are 2 Brand New Units Sit On 2nd Floor For Long Time Without Connecting To Energy Source.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 245/LADDER CO. 161 / BATTALION 43/ 60TH PRECINCT

Asset # : 13135

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%	0-2	$5,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : The Rear Of Apparatus Floor								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : To Apparatus Floor From 2nd Floor Main Bathroom.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$1,700	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	$12,000	1-2	$200	
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Covers 80 Square Feet In Kitchen And Cooking Area In Back Of The Building								
Explanation : 2 Sets								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 246/LADDER CO. 169**		
Address	: **2732 EAST 11th STREET @ BLAKE CT.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.246 / 13136**	**Yr Built/Renovated**	: **1960 / 2004**
Area Sq Ft	: **7,476**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **01-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **8761** **Lot** : **38**	**BIN**	: **3246894**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$94,900	
Electrical		$130,000
Mechanical	$58,100	
Total	**$153,100**	**$130,000**
Importance Code B	$153,100	$130,000
Total	**$153,100**	**$130,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$9,500	$10,200		$4,800
Interior Architecture	$122,700	$500		$600
Electrical	$17,000	$400	$300	$300
Mechanical	$19,900	$10,200	$3,200	$3,100
Site Enclosure	$6,600			
Site Pavements	$4,000			
Total	**$179,700**	**$21,300**	**$3,500**	**$8,800**
Importance Code A	$9,800	$10,600	$400	$5,200
Importance Code B	$122,000	$10,700	$3,100	$3,600
Importance Code C	$47,900			
Total	**$179,700**	**$21,300**	**$3,500**	**$8,800**

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

FIRE DEPARTMENT - 057
ENGINE CO. 246/LADDER CO. 169
Asset # : 13136

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	5%	Now	$400	2043	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Racquetball Court On Roof								
Masonry: Brick	70%			LIFE	* *	5	$14,400	
Masonry: Granite	5%	2-4	$1,600	LIFE	* *	5	$800	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Masonry: Limestone	5%			LIFE	* *	5	$800	
Metal Sect. OHD	15%			2050	* *	5	$9,700	
Windows								
Aluminum	100%	Now	$7,400	2041	* *	5	$1,600	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 50%								
Location : Watch Room								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$2,100	
Masonry: Limestone	15%			LIFE	* *	5	$500	
Roof								
Modified Bitumen	95%			2038	* *	10	$10,200	
Skylight, Plastic	5%			2046	* *	1		
Interior								
Floors								
Cast in Place Concrete	45%	0-2	$43,800	LIFE	* *	5	$11,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	8%			2048	* *	5	$900	
Quarry Tile	5%	Now	$800	2046	* *	5	$400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 1st Floor Lounge								
Vinyl Tile	30%	Now	$94,900	2043	* *	3	$1,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor								
Worn/Erode, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor								
Vinyl Tile 9" X 9"	10%	Now	$27,500	2043	* *	3	$400	
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : Exercise Room								
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Exercise Room								
Wood	2%			2061	* *	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. 246/LADDER CO. 169
Asset # : 13136

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								
Cast in Place Concrete	25%	4+	$29,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement, Oil Tank Room, Boiler Room, Stairwell								
Ceramic Tile	5%			2042	* *	5	$800	
Concrete Masonry Unit	2%	Now	$600	LIFE	* *	5	$100	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement By Chimney								
Gypsum Board	20%	0-2	$4,400	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	10%			LIFE	* *			
Plaster	20%			LIFE	* *	5	$900	
Plywood/Hardboard	8%	Now	$1,900	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Racquetball Court								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	50%	Now	$4,600	2046	* *	5	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor								
Plaster	50%	Now	$8,700	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Bunkroom								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$6,600	2043	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Gate Broken								
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Driveway								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	100%	Now	$4,000	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Driveway								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Driveway								

Note : 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. 246/LADDER CO. 169
Asset # : 13136

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$200	
Raceway								
Conduit	100%			2033	$36,800	1		
Panelboards								
Molded Case Bkrs	50%			2041	* *	5	$100	
Molded Case Bkrs	50%			2032	$24,800	5	$100	
Wiring								
Braided Cloth	50%	2-4	$16,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2043	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	98%			2033	$63,600	10	$6,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	2%			2033	$1,300	10	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lounge Area								
Explanation : Compact Fluorescent Lights								
Exterior Lighting								
HID	20%			2033	$7,000	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2033	$14,000	1	$2,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Camera								

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%			2059	* *	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. 246/LADDER CO. 169
Asset # : 13136

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%			2050	* *	1	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Boiler								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$800	2041	* *	4	$400	
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : Basement And Various Locations								
Terminal Devices								
Convector/Radiator	70%			2031	$42,800	1	$1,700	
Fan Coil Unit/Heat	30%			2038	* *	1	$700	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	25%			2028	$7,100	1		
Window/Wall Unit	25%	0-2	$7,100	2033	$7,100	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$400	
No Component	90%							
Exhaust Fans								
Roof	10%			2038	* *	2		
Wall Unit	25%	0-2	$800	2043	* *	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : 1 Unit. On Extended Life Time								
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	10%	0-2	$3,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 40%								
Location : Apparatus Floor And Drive Way.								
Cast Iron	90%			LIFE	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 246/LADDER CO. 169
Asset # : 13136

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)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2027	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100% Location : Covers 30 Square Feet In Kitchen. Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **ENGINE CO. 247**
Address : **1336 60th STREET BTWN 13TH AVE - 14TH AVE**
Borough : **BROOKLYN**
Agency's Number : **N/A**
Program / Asset # : **FIRSECO.247 / 13137**
Yr Built/Renovated : **1897 /**
Area Sq Ft : **5,356**
Project Type : **FIRE DEPARTMENT**
Date of Survey : **06-Jan-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **5719** **Lot** : **22** **BIN** : **3141309**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$216,800	
Interior Architecture	$136,100	
Electrical		$65,000
Mechanical		$68,400
Total	**$352,900**	**$133,400**
Importance Code A	$216,800	
Importance Code B		$133,400
Importance Code C	$136,100	
Total	**$352,900**	**$133,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$33,300			
Interior Architecture	$60,300	$400		
Electrical	$10,500	$7,500		
Mechanical	$14,800	$34,600	$600	$400
Site Enclosure	$8,800			
Site Pavements	$5,300			
Total	**$133,000**	**$42,500**	**$600**	**$400**
Importance Code A	$33,600	$300	$300	$300
Importance Code B	$77,700	$42,200	$300	$200
Importance Code C	$21,700			
Total	**$133,000**	**$42,500**	**$600**	**$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. 247
Asset # : 13137

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%	Now	$3,800	LIFE	* *	5	$5,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Copper/Terne	2%			2053	* *	10	$700	
Masonry: Brick	83%	Now	$150,000	LIFE	* *	5	$12,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Front Facade								
Wood Overhead Doors	10%			2046	* *	5	$7,600	
Windows								
Aluminum	100%	Now	$8,800	2041	* *	5	$500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%	Now	$900	LIFE	* *	5	$400	
Open Joints, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Brick	95%			LIFE	* *	5	$900	
Roof								
Asphalt Shingle	10%	Now	$4,400	2048	* *			1
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Built-Up (BUR)	70%	0-2	$66,800	2043	* *			
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Modified Bitumen	15%	2-4	$4,000	2033	$13,400			2
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Skylight, Metal/Glass	5%	0-2	$11,500	2043	* *			
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Bunk Room								
Interior								
Floors								
Cast in Place Concrete	40%	4+	$5,100	LIFE	* *	5	$6,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor								
Ceramic Tile	5%			2048	* *	5	$400	
Quarry Tile	5%			2046	* *	5	$600	
Wood	50%	4+	$22,100	2048	* *	5	$3,500	
Deteriorated Finish, Extent : Light, Area Affected : 50%								
Location : 2nd 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. 247
Asset # : 13137

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								
Gypsum Board	10%			LIFE	* *	5	$600	
Masonry: Brick	35%	Now	$136,100	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement Electric Panel								
Metal Panel	10%	0-2	$2,600	LIFE	* *			
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	40%	Now	$5,000	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			LIFE	* *	5	$2,000	
Ceilings								
AcousTileSusp.Lay-In	5%			2038	* *	5	$400	
Embossed Metal	50%	4+	$19,600	LIFE	* *	5	$1,700	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	15%			LIFE	* *	5	$200	
Gypsum Board	5%	Now	$300	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Toilet								
Plaster	25%	0-2	$5,600	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	50%	2-4	$8,800	2043	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Iron Picket	50%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$5,300	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Rear Yard And Walkway Along Side Of Building								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 247
Asset # : 13137

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$65,000	5		
Raceway								
Conduit	100%			2033	$36,800	1		
Panelboards								
Molded Case Bkrs	80%			2032	$39,700	5	$100	
Molded Case Bkrs	20%			2041	* *	5		
Wiring								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	80%			2033	$26,600	1		
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
Fluorescent	20%			2033	$9,300	10	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : T- 8 Lamps								
LED	80%			2041	* *			
Exterior Lighting								
HID	30%			2028	$7,500	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%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2038	* *	1	$2,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2041	* *	4	$300	
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$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
ENGINE CO. 247
Asset # : 13137

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%			2049	* *	1		
Conversion Equipment								
Split Unit	10%			2033	$12,700			
Window/Wall Unit	70%	Now	$2,800	2031	$14,200	1		
Broken, Extent : Moderate, Area Affected : 15%								
Location : Bunker Room. Kitchen								
No Component	20%							
Ventilation								
Exhaust Fans								
Interior	20%	Now	$4,800	2043	* *	2		
Abandoned in Place, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Exhust Fan								
No Component	80%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Kitchen								
Explanation : Kitchen Exhaust And Fire Suppression								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2031	$68,400	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$6,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 50%								
Location : Engine Bay Drains								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 40%								
Location : Bathrooms And 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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	:	**ENGINE CO. 248 (COMBINED FACILITY) 67TH PCT**			
Address	:	**2900 SNYDER AVENUE**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**N/A**
Program / Asset #	:	**FIRSECO.248 / 13138**	**Yr Built/Renovated**	:	**1972 /**
Area Sq Ft	:	**7,484**	**Project Type**	:	**FIRE DEPARTMENT**
Date of Survey	:	**04-Nov-2021**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Floors 1,2**			
Block	:	**5111** **Lot** : **24**	**BIN**	:	**3117400**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$65,200
Mechanical		$58,100
Site Pavements		$65,200
Total		**$188,600**
Importance Code A		$65,200
Importance Code B		$58,100
Importance Code C		$65,200
Total		**$188,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$21,700			$300
Interior Architecture	$13,500		$7,000	$100
Electrical	$6,800	$15,400	$100	
Mechanical	$17,100	$3,200	$3,000	$2,900
Site Pavements	$21,000			
Total	**$80,200**	**$18,700**	**$10,100**	**$3,300**
Importance Code A	$21,700			$300
Importance Code B	$37,000	$18,700	$10,100	$3,000
Importance Code C	$21,500			
Total	**$80,200**	**$18,700**	**$10,100**	**$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. 248 (COMBINED FACILITY) 67TH PCT
Asset # : 13138

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%			LIFE	* *	5	$2,700	
Masonry: Brick	17%	4+	$7,500	LIFE	* *	5	$4,600	
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : Rear Wall								
Metal Sect. OHD	6%	0-2	$11,700	2046	* *	5	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Of Building								
Explanation : Overhead Door Is Fiberglass. Hardware, Springs, Chains And Locks Breakdown Frequently								
Pre-cast Concrete	75%			LIFE	* *	5	$65,200	
Windows								
Aluminum	100%			2055	* *	5	$700	
Parapets								
Cast in Place Concrete	25%	4+	$800	LIFE	* *	5	$4,500	
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : Rear Parapet								
No Component	75%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Upper Roof								
Explanation : 3rd Floor Is Police Precinct Not Fire Department								
Roof								
Built-Up (BUR)	25%	Now	$1,800	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Rear Roof Into 1st Floor Bunk Room								
No Component	75%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Upper Roof								
Explanation : 3rd Floor Is Police Precinct Not Fire Department								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	35%	2-4	$7,400	LIFE	* *	5	$9,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor								
Panel/Paver: Cer/Brk	50%			2049	* *	5	$14,100	
Terrazzo	10%			LIFE	* *	5	$1,000	
Vinyl Tile	5%	Now	$3,500	2038	* *	3	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 1st Floor Watch Room								
Interior Walls								
Ceramic Tile	10%			2042	* *	5	$900	
Gypsum Board	5%			LIFE	* *	5	$300	
Plaster	45%			LIFE	* *	5	$1,200	
SGFT/Glazed Masonry	40%			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. 248 (COMBINED FACILITY) 67TH PCT
Asset # : 13138

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	55%	2-4	$2,200	2050	* *	5	$4,300	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								
Exposed Struc: Concrete	40%			LIFE	* *	5	$800	
Metal Panel	5%			LIFE	* *	5	$800	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Free Standing Walls								
Masonry: Brick	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Asphalt	100%	Now	$1,500	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parking/Driveway								
Asphalt	100%	Now	$19,600	2036	$65,200			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Driveway								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Driveway								

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	$36,800	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$200	
Wiring								
Thermoplastic	100%			2053	* *	1		
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.
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FIRE DEPARTMENT - 057
ENGINE CO. 248 (COMBINED FACILITY) 67TH PCT
Asset # : 13138

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	20%			2038	* *	10	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : T-8 Lamps								
Fluorescent	10%	Now	$6,500	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : 1st Floor								
Fluorescent	5%			2028	$3,300	10	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : T-12 Lamps								
LED	65%			2041	* *			
Egress Lighting								
Exit, LED	90%			2068	* *	1		
Exit, Service	10%	Now	$300	2043	* *	1		
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : 1st Floor								
Exterior Lighting								
HID	30%			2028	$10,500	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								
Distribution								
Hot Wtr Piping/Pump	100%			2041	* *	4	$400	
Terminal Devices								
Convector/Radiator	60%			2031	$36,700	1	$1,500	
Unit Heater - Hot Water	30%			2038	* *			
No Component	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Locker Room								
Explanation : No Heating Device								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	20%			2038	* *			
Window/Wall Unit	40%			2027	$11,300	1		
No Component	40%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Air Conditioning In 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
ENGINE CO. 248 (COMBINED FACILITY) 67TH PCT
Asset # : 13138

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Fan Coil - 2 Pipe	20%			2038	* *	1	$500	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2038	* *	2	$1,000	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$800	
No Component	80%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Air Ventilation In Locker Room								
Exhaust Fans								
Interior	20%			2038	* *	2		
Roof	30%			2033	$4,400	2	$100	
Wall Unit	10%			2028	$300	2		
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Electric	100%			2032	$23,600	4		
Sanitary Piping								
Cast Iron	30%	Now	$2,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Apparatus Floor								
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 30%								
Location : The Equipment In Kitchen								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : The Kitchen Need To Be Upgrade								
Fire Suppression								
Chemical System								
Generic	2%	Now	$200	2032	$1,200	1	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Covers 30 Square Feet In Kitchen.								
Explanation : 1 Old Set								
Generic	98%			2032	$57,000	1-10	$28,400	

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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 249/LADDER CO. 113**		
Address	: **491 ROGERS AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.249 / 13139**	**Yr Built/Renovated**	: **1896 / 2007**
Area Sq Ft	: **4,800**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **01-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5033** **Lot** : **4**	**BIN**	: **3114990**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$80,400	
Interior Architecture	$99,900	
Electrical		$124,300
Mechanical	$54,300	$66,400
Total	**$234,600**	**$190,700**
Importance Code A	$80,400	
Importance Code B	$54,300	$190,700
Importance Code C	$99,900	
Total	**$234,600**	**$190,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$20,100	$100		$1,800
Interior Architecture	$72,500	$400		$400
Electrical	$600	$300	$300	$400
Mechanical	$14,600	$11,500	$3,200	$2,900
Site Enclosure		$200		
Total	**$107,800**	**$12,500**	**$3,500**	**$5,400**
Importance Code A	$20,300	$400	$200	$2,000
Importance Code B	$85,600	$11,900	$3,300	$3,400
Importance Code C	$1,900	$200		
Total	**$107,800**	**$12,500**	**$3,500**	**$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. 249/LADDER CO. 113
Asset # : 13139

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	$3,300	
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Rear Of Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Third Floor								
Explanation : A Third Floor Was Added In 1998								
Masonry: Brick	60%	Now	$80,400	LIFE	* *	5	$9,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : South Facade Near Rear Door And Throughout								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Parged Section Of South Facade								
Masonry: Limestone	10%			LIFE	* *	5	$1,200	
Metal Sect. OHD	7%			2050	* *	5	$3,600	
Slate Panels	3%	Now	$11,400	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Base Of Front Facade								
Windows								
Aluminum	100%	Now	$1,000	2049	* *	5	$200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Office And Bunk Room								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$500	
Masonry: Brick	80%	Now	$6,300	LIFE	* *	5	$500	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Panel	10%			2053	* *	5	$200	
Roof								
Asphalt Shingle	10%			2042	* *	10	$100	
Modified Bitumen	90%	4+	$1,400	2038	* *			
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	$6,900	
Ceramic Tile	10%			2042	* *	5	$700	
Quarry Tile	5%	2-4	$25,900	2053	* *	5	$300	
Worn/Erode, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Vinyl Tile	40%	Now	$39,000	2038	* *	3	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : 2nd And 3rd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
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. 249/LADDER CO. 113
Asset # : 13139

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%			2042	* *	5	$500	
Concrete Masonry Unit	10%			LIFE	* *	5	$200	
Gypsum Board	45%	Now	$700	LIFE	* *	5	$1,400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 2nd Floor Locker								
Masonry: Brick	20%	Now	$99,900	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Paint Peeling, Extent : Severe, Area Affected : 75%								
Location : Basement								
Spalling, Extent : Severe, Area Affected : 30%								
Location : Basement								
Plaster	15%	Now	$1,000	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Locker Room								
Ceilings								
AcousTileSusp.Lay-In	10%			2038	* *	5	$700	
Embossed Metal	20%			LIFE	* *	5	$600	
Exposed Struc: Steel	20%			LIFE	* *			
Plaster	50%	Now	$5,400	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Locker Room And Weight Room								
Site Enclosure								
Fence/Gates								
Aluminum Rail	5%			2038	* *	5-10	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Level								
Explanation : Rail At Roof Level								
Chain Link	45%			2053	* *			
Iron Picket	5%			2068	* *			
Wood	45%			2034	$20,500			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2050	* *			

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
ENGINE CO. 249/LADDER CO. 113
Asset # : 13139

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	$15,100	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 600 Amperes Rating								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$65,000	5		
Raceway								
Conduit	80%			2033	$29,500	1		
Conduit	20%			2053	* *	1		
Panelboards								
Molded Case Bkrs	80%			2032	$39,700	5	$100	
Molded Case Bkrs	20%			2041	* *	5		
Wiring								
Thermoplastic	80%			2043	* *	1		
Thermoplastic	20%			2033	$6,700	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Near Water Service.								
Explanation : Recently Installed Ground For Main Service.								
Lighting								
Interior Lighting								
LED	100%			2033	$59,300			
Egress Lighting								
Exit, LED	90%			2048	* *	1		
Exit, Service	10%	Now	$200	2043	* *	1		
Not Functioning, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : First Floor Exit Lights Are Not Operational.								
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$12,400	1-3	$3,100	

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								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 249/LADDER CO. 113
Asset # : 13139

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%			2053	* *	1		
Conversion Equipment								
Furnace	60%			2038	* *	1	$1,400	
Other Observation, Extent : N/A, Area Affected : 60%								
Location : Roof								
Explanation : 3 Rooftop Package Units								
Hot Water Boiler	40%			2046	* *	1	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	40%			2041	* *	4	$100	
No Component	60%							
Terminal Devices								
Convector/Radiator	20%			2038	* *	1	$300	
Unit Heater - Hot Water	20%			2028	$5,700			
No Component	60%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2038	* *	2	$100	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Rooftop Package Units, Roof								
Window/Wall Unit	15%	0-2	$1,400	2028	$2,700	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Engine Office								
Explanation : Wrong Size Unit								
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$1,600	
No Component	40%							
Exhaust Fans								
Roof	60%			2038	* *	2	$100	
Wall Unit	10%			2028	$200	2		
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$3,100	2043	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main Valve, 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. 249/LADDER CO. 113
Asset # : 13139

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 With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$3,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$100	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2033	$66,400	1-2	$1,400	
Chemical System								
Wet	100%			2027	$54,300	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 250**		
Address	: **126 FOSTER AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.250 / 13140**	**Yr Built/Renovated**	: **1927 / 2012**
Area Sq Ft	: **4,930**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **13-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **6499** **Lot** : **11**	**BIN**	: **3170273**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$182,400	
Interior Architecture	$760,600	$66,000
Mechanical	$535,800	
Total	**$1,478,800**	**$66,000**
Importance Code A	$182,400	
Importance Code B	$1,296,400	$66,000
Total	**$1,478,800**	**$66,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$23,200	$400		
Interior Architecture	$37,800			$300
Electrical				
Mechanical	$14,600	$57,700	$3,200	$3,200
Total	**$75,700**	**$58,100**	**$3,200**	**$3,500**
Importance Code A	$23,700	$900	$500	$500
Importance Code B	$40,000	$57,200	$2,700	$3,000
Importance Code C	$12,000			
Total	**$75,700**	**$58,100**	**$3,200**	**$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. 250
Asset # : 13140

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	88%	Now	$182,400	LIFE	* *	5	$22,100	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Rear Facade								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : East And West Facade								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rear Wall Above 2nd Floor Windows								
Masonry: Granite	2%			LIFE	* *	5	$400	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Metal Sect. OHD	5%			2046	* *	5	$3,900	
Windows								
Aluminum	100%	Now	$8,800	2049	* *	5	$900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Kitchen And Dining Room								
Parapets								
Masonry: Brick	87%	0-2	$4,100	LIFE	* *	5	$1,600	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	3%			LIFE	* *	5	$100	
Caulking Deteriorated, Extent : Light, Area Affected : 10%								
Location : Front Facade Coping								
Metal Panel	10%			2053	* *	5	$700	
Roof								
Modified Bitumen	98%	Now	$8,100	2038	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Bunk Room And Front Office								
Skylight, Metal/Glass	2%	Now	$2,100	2043	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : 2nd Floor Bathroom								
Interior								
Floors								
Cast in Place Concrete	55%	Now	$223,500	LIFE	* *	5	$9,600	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Basment And Apparatus Floor								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Ceramic Tile	5%			2042	* *	5	$400	
Quarry Tile	5%			2046	* *	5	$600	
Terrazzo	5%			LIFE	* *	5	$300	
Vinyl Tile	30%	Now	$13,200	2033	$66,000	3	$900	
Patching Evident, Extent : Moderate, Area Affected : 15%								
Location : 2nd 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. 250
Asset # : 13140

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%			2036	$30,100	5	$500	
Gypsum Board	10%			LIFE	* *	5	$700	
Masonry: Brick	15%			LIFE	* *			
Marble Panels	5%			LIFE	* *			
Plaster	45%	Now	$12,000	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Locations 2nd Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Front Office And Rear Bunk								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%	4+	$300	2038	* *	5	$200	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Kitchen And Dining Room								
Exposed Struc: Concrete	45%	Now	$537,000	LIFE	* *	5	$600	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Apparatus Floor Supported By Lolly Columns								
Plaster	50%	Now	$12,100	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor, Roof Access								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Bunkroom								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Raceway								
Conduit	100%			2033	$36,800	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. 250
Asset # : 13140

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								
Fused Disc Sw	10%			2032	$5,000	5		
Molded Case Bkrs	90%			2041	* *	5	$100	
Wiring								
Thermoplastic	100%			2043	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	30%			2033	$12,800	10	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	70%			2038	* *			
Exterior Lighting								
HID	20%			2033	$4,600	10		
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$4,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	85%			2031	$34,300	1	$1,400	
Fan Coil Unit/Heat	15%			2028	$18,300	1	$200	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$3,700	2028	$9,300	1		
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
No Component	50%							
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. 250
Asset # : 13140

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	10%			LIFE	* *	2-5	$300	
No Component	90%							
Exhaust Fans								
Roof	10%			2033	$1,000	2		
Wall Unit	20%			2028	$400	2		
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%	0-2	$600	2043	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Brass/Copper	50%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2028	$25,600	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Solar	50%			2028	$477,700	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 150 Gallon Unit								
Sanitary Piping								
Cast Iron	100%	0-2	$1,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	10%	0-2	$1,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	0-2	$800	2028	$800	4	$100	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2027	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future 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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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **ENGINE CO. 251**
Address : **254-20 UNION TURNPIKE**
Borough : **QUEENS**
Program / Asset # : **FIRSECO.251 / 13141**
Area Sq Ft : **6,373**
Date of Survey : **12-Jan-2024**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **8691** **Lot** : **13**

Agency's Number : **N/A**
Yr Built/Renovated : **1952 / 2001**
Project Type : **FIRE DEPARTMENT**
Landmark Status : **NONE**
BIN : **4177508**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$461,500	$100,600
Interior Architecture	$236,300	$144,900
Mechanical	$58,100	$26,100
Total	**$755,900**	**$271,600**
Importance Code A	$461,500	$100,600
Importance Code B	$217,500	$171,000
Importance Code C	$76,800	
Total	**$755,900**	**$271,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$62,700	$500		$11,400
Interior Architecture	$53,100	$800		$700
Electrical	$17,300	$700	$3,300	$800
Mechanical	$7,400	$15,400	$3,400	$41,500
Site Enclosure	$21,100			
Site Pavements	$12,800			
Total	**$174,400**	**$17,400**	**$6,600**	**$54,300**
Importance Code A	$63,400	$1,100	$600	$12,000
Importance Code B	$45,800	$15,900	$6,000	$42,300
Importance Code C	$65,300	$400		
Total	**$174,400**	**$17,400**	**$6,600**	**$54,300**

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. 251
Asset # : 13141

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	$461,500	LIFE	* *	5	$18,700	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Front Facade								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Throughout Rear Facade, Bulkhead								
Repointing Failure, Extent : Moderate, Area Affected : 20%								
Location : Above Second Floor Windows								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Bulkhead, Above Windows And Doors								
Pre-cast Concrete	3%	Now	$14,400	LIFE	* *	5	$2,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Above Overhead Door And Above Windows								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Above Overhead Door								
Wood Overhead Doors	12%			2040	* *	5	$13,200	
Windows								
Aluminum	100%	Now	$4,100	2051	* *	5	$900	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Parapets								
Metal Panel	90%			2055	* *	5	$9,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Interior Face Of Parapets								
Explanation : Metal Facing Over Bricks								
Pre-cast Concrete	10%	Now	$2,200	LIFE	* *	5	$1,700	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 30%								
Location : Thoughout At Coping Joints								
Roof								
Metal, Corrugated	5%			2052	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard								
Explanation : Roof Over Wood Structure Serving As Patio.								
Modified Bitumen	95%	Now	$40,200	2035	$100,600			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
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
ENGINE CO. 251
Asset # : 13141

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								
Soffits								
Pre-cast Concrete	20%	2-4	$1,800	LIFE	* *	5	$200	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 100%								
Location : Above Overhead Door								
Water Penetration, Extent : Moderate, Area Affected : 100%								
Location : Above Overhead Door								
Wood	80%			2048	* *	5	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard								
Explanation : Wooden Structure With Metal Roof Serving As Patio Attached To Building.								
Interior								
Floors								
Cast in Place Concrete	30%	4+	$4,900	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Apparatus Floor								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Apparatus Floor On Shoring Jacks								
Ceramic Tile	5%	Now	$2,700	2038	* *	5	$200	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Various Locations								
Panel/Paver: Cer/Brk	2%			2051	* *	5	$400	
Quarry Tile	3%	4+	$1,100	2040	* *	5	$200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Worn/Erode, Extent : Light, Area Affected : 100%								
Location : Kitchen And Dining Room								
Vinyl Tile	55%	4+	$7,200	2035	$144,900	3	$2,000	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Second Floor Corridor								
Wood	5%			2063	* *	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. 251
Asset # : 13141

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								
Cast in Place Concrete	10%	4+	$21,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%			2038	* *	5	$700	
Gypsum Board	10%			LIFE	* *	5	$900	
Plaster	15%	Now	$15,600	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Excercise Room								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Various Locations, Especially Window Headers.								
SGFT/Glazed Masonry	60%	Now	$76,800	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 4%								
Location : Various Locations, Hose Tower, Stair Areas								
Diagonal Cracks, Extent : Severe, Area Affected : 2%								
Location : Various Locations, Hose Tower, Stair Area								
Ceilings								
Exposed Struc: Concrete	30%	Now	$107,200	LIFE	* *	5	$400	
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Under Apron								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Ceiling								
Explanation : Apparatus Floor Supported On Shoring Jacks								
Gypsum Board	10%			LIFE	* *	5	$1,200	
Plaster	60%	Now	$52,200	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Under Basement Stair, Apparatus Floor								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Various Locations, Stair Areas Going To Basement.								
Site Enclosure								
Fence/Gates								
Chain Link	80%	4+	$21,100	2061	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Rear And Side Yard								
Metal: Cage/Fence	20%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Left Side Of Property								
Explanation : Fencing For Generator Set								
Site Pavements								

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FIRE DEPARTMENT - 057
ENGINE CO. 251
Asset # : 13141

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%	0-2	$3,900	2048	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Curb Cut And Front Of Property								
On-Site Walkways								
Asphalt	50%			2044	* *			
Cast in Place Concrete	50%			2048	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$6,900	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apron And Driveway								
Activity Yard								
Cast in Place Concrete	100%	2-4	$1,900	2048	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Rear Yard								
Other Observation, Extent : N/A, Area Affected : 60%								
Location : Rear Yard								
Explanation : Attached Wooden Structure With Metal Roof Serving As Patio.								

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%			2055	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$200	
Raceway								
Conduit	80%			2035	$29,500	1		
Conduit	20%			2055	* *	1		
Panelboards								
Molded Case Bkrs	50%			2034	$24,800	5	$100	
Molded Case Bkrs	50%			2051	* *	5	$100	
Wiring								
Braided Cloth	50%	2-4	$16,600	2060	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : First Floor								
Thermoplastic	50%			2055	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								

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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. 251
Asset # : 13141

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%			2048	* *	1	$2,000	
Generators								
Diesel	100%			2044	* *	1	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : Emergency Generator Rated At 40 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2063	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : 125 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	10%			2035	$5,500	10	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	90%			2040	* *			
Egress Lighting								
Emergency, Service	100%			2040	* *	1		
Exterior Lighting								
Fluorescent	5%			2035	$1,300	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : Compact Fluorescent Lights								
LED	15%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2035	$12,000	1	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Perimeter Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2055	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 251
Asset # : 13141

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%			2048	* *	1	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%	0-2	$2,600	2045	* *			
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement And First Floor								
Terminal Devices								
Convector/Radiator	50%			2033	$26,100	1	$1,000	
Convector/Radiator	50%			2048	* *	1	$1,000	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2028	$12,100	1		
No Component	50%							
Ventilation								
Exhaust Fans								
Interior	5%			2035	$1,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : No Exhaust Fans In Bathroom And In Building								
Wall Unit	30%			2035	$800	2	$100	
Other Observation, Extent : Light, Area Affected : 10%								
Location : First Floor								
Explanation : Kitchen Hood Fan And Apparatus Floor								
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallon								
Sanitary Piping								
Cast Iron	30%	0-2	$1,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : By House Trap When It Rains. Occassional Sewage Back Up In Apparatus Room								
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	

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FIRE DEPARTMENT - 057

ENGINE CO. 251

Asset # : 13141

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								
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Kitchen							
	Explanation : 1 Set Fire Suppression On Kitchen Hood 4 Feet X 5 Feet Which Equals 20 Square Feet							

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 253**		
Address	: **2429 86th STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.253 / 13143**	**Yr Built/Renovated**	: **1895 / 2006**
Area Sq Ft	: **5,776**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **04-Nov-2021**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Floors 1,2,Att**		
Block	: **6859** **Lot** : **65**	**BIN**	: **3185380**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$126,900	
Mechanical	$59,400	
Total	**$186,300**	
Importance Code A	$126,900	
Importance Code B	$59,400	
Total	**$186,300**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$14,900	$7,700	$4,900	$4,200
Interior Architecture	$51,100	$2,300		$200
Electrical	$400	$3,300	$400	$400
Mechanical	$3,300	$7,500	$3,300	$3,300
Site Pavements	$9,000			
Total	**$78,700**	**$20,800**	**$8,600**	**$8,100**
Importance Code A	$15,500	$8,200	$5,500	$4,800
Importance Code B	$54,200	$12,500	$3,100	$3,300
Importance Code C	$9,000			
Total	**$78,700**	**$20,800**	**$8,600**	**$8,100**

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FIRE DEPARTMENT - 057
ENGINE CO. 253
Asset # : 13143

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								
Exposed Struc: Steel	2%			LIFE	* *	5	$1,100	
Masonry: Brick	78%	Now	$126,900	LIFE	* *	5	$14,100	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Above Apparatus Door								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 20%								
Location : North And East Elevations								
Masonry: Brownstone	5%	Now	$14,900	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Front Facade								
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Above Apparatus Door								
Metal Coiling Doors	15%			2050	* *	5	$8,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Elevation								
Explanation : New Fiberglass Overhead Door								
Windows								
Wood	100%			2049	* *	5	$9,900	
Parapets								
Cast Stone/Terra Cotta	40%			LIFE	* *	5	$1,900	
Metal Panel	60%			2053	* *	5	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Lower Roof								
Explanation : Stainless Steel Flashing At Lower Roof								
Roof								
Asphalt Shingle	65%			2042	* *	10	$1,200	
Copper/Terne	20%			2068	* *	10	$5,400	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Front Elevation								
Explanation : Decorative Copper Roof That Resembles Tile Roofing								
Modified Bitumen	15%			2038	* *	10	$1,600	
Interior								
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	$10,800	
Ceramic Tile	10%			2042	* *	5	$800	
Wood	30%			2068	* *	5	$4,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2046	* *	5	$500	
Concrete Masonry Unit	15%			LIFE	* *	5	$600	
Gypsum Board	10%			LIFE	* *	5	$600	
Masonry: Brick	10%			LIFE	* *			
Plaster	35%			LIFE	* *	5	$1,000	
Wood	15%			LIFE	* *	5	$5,700	

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FIRE DEPARTMENT - 057
ENGINE CO. 253
Asset # : 13143

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%			2050	* *	5	$400	
Embossed Metal	30%	Now	$7,100	LIFE	* *	5	$1,100	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	30%	Now	$40,500	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Gypsum Board	10%	Now	$3,100	LIFE	* *	5	$1,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor								
Metal Panel	5%			LIFE	* *	5	$500	
Plaster	20%			LIFE	* *	5	$1,000	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$9,000	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Side Yards								
Parking/Driveway								
Cast in Place Concrete	100%			2050	* *			

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%			2063	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2063	* *	1		
Panelboards								
Fused Disc Sw	5%			2058	* *	5		
Molded Case Bkrs	95%			2058	* *	5	$100	
Wiring								
Thermoplastic	100%			2063	* *	1		
Motor Controllers								
Locally Mounted	100%			2053	* *	5		
Ground								

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FIRE DEPARTMENT - 057
ENGINE CO. 253
Asset # : 13143

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	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2053	* *	1	$1,800	
Generators								
Diesel	100%			2048	* *	1	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 60 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,700	5	$200	
Fuel Storage								
Day Tank	50%			2058	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 75 Gallons								
Main Tank	50%			2073	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 500 Gallons								
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Egress Lighting								
Emergency, Service	60%			2043	* *	1		
Exit, Service	40%			2043	* *	1		
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2063	* *	1		
Conversion Equipment								
Steam Boiler	100%			2053	* *	1	$5,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2063	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 253
Asset # : 13143

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%			2053	* *	1	$1,900	
Air Conditioning								
Energy Source								
Electricity	100%			2058	* *	1		
Conversion Equipment								
Split Unit	10%			2043	* *			
Window/Wall Unit	50%			2033	$12,000	1		
No Component	40%							
Terminal Devices								
No Component	90%							
No Component	10%							
Ventilation								
Exhaust Fans								
Wall Unit	25%			2043	* *	2		
No Component	75%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2063	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Water Heater With Tanks								
Gas Fired	100%			2033	$37,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units at 75 Gallons Each								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$200	4	$200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
No Component	95%							
Generic	5%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : For Boiler Feed Only								
Fixtures								
Generic	100%							
Fire Suppression								

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FIRE DEPARTMENT - 057

ENGINE CO. 253

Asset # : 13143

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								
Wet	100%			2028	$59,400	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Kitchen, Covers 15 Square Feet								
Explanation : Kitchen Fire Suppression System								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 254/LADDER CO. 153**		
Address	: **901 AVENUE U @ E. 9TH ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.254 / 13144**	**Yr Built/Renovated**	: **1924 /**
Area Sq Ft	: **5,376**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **18-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **7112** **Lot** : **49**	**BIN**	: **3192210**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$59,200	
Interior Architecture	$126,400	
Electrical		$65,000
Mechanical	$58,100	
Total	**$243,700**	**$65,000**
Importance Code A	$59,200	
Importance Code B	$184,500	$65,000
Total	**$243,700**	**$65,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$5,400	$3,000		
Interior Architecture	$82,600			$400
Electrical	$300	$1,300	$200	$200
Mechanical	$40,500	$12,100	$3,400	$3,200
Site Enclosure				
Site Pavements	$20,700			
Total	**$149,400**	**$16,300**	**$3,600**	**$3,800**
Importance Code A	$5,900	$3,500	$500	$500
Importance Code B	$135,000	$12,800	$3,000	$3,300
Importance Code C	$8,500			
Total	**$149,400**	**$16,300**	**$3,600**	**$3,800**

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

FIRE DEPARTMENT - 057
ENGINE CO. 254/LADDER CO. 153
Asset # : 13144

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%	0-2	$59,200	LIFE	* *	5	$14,400	
Paint Peeling, Extent : Light, Area Affected : 50%								
Location : Rear Elevation								
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Chimney								
Masonry: Granite	5%			LIFE	* *	5	$600	
Masonry: Limestone	5%	Now	$5,000	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood Overhead Doors	5%			2038	* *	5	$4,200	
Windows								
Aluminum	98%			2058	* *	5	$1,700	
Metal Louvers	2%	Now	$400	2042	* *			
Deformed/Dented, Extent : Light, Area Affected : 25%								
Location : Louver								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$1,500	
Masonry: Brick	80%			LIFE	* *	5	$1,600	
Masonry: Limestone	10%			LIFE	* *	5	$300	
Roof								
Asphalt Shingle	10%			2042	* *	10	$100	
Modified Bitumen	90%			2041	* *	10	$7,100	
Soffits								
Exposed Struc: Wood	100%			LIFE	* *			
Interior								
Floors								
Cast in Place Concrete	50%	2-4	$34,200	LIFE	* *	5	$8,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement And Apparatus Floor								
Ceramic Tile	10%	Now	$4,500	2036	$45,300	5	$400	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Kitchen								
Terrazzo	2%			LIFE	* *	5	$100	
Vinyl Tile	28%	0-2	$62,100	2043	* *	3	$800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor								
Vinyl Tile 9" X 9"	10%	Now	$64,200	2043	* *	3	$300	
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor								

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FIRE DEPARTMENT - 057
ENGINE CO. 254/LADDER CO. 153
Asset # : 13144

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								
Cast in Place Concrete	20%			LIFE	* *			
Ceramic Tile	5%	0-2	$1,600	2036	$31,300	5	$300	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Bathroom								
Gypsum Board	10%			LIFE	* *	5	$700	
Masonry: Brick	20%			LIFE	* *			
Plaster	25%	Now	$6,900	LIFE	* *	5	$900	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : 2nd Floor Bunk Room								
SGFT/Glazed Masonry	15%			LIFE	* *			
Wood	5%			LIFE	* *	5	$2,300	
Ceilings								
AcousTileSusp.Lay-In	30%			2046	* *	5	$2,400	
Embossed Metal	10%	Now	$2,400	LIFE	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Metal Lay In Ceiling Tile								
Exposed Struc: Concrete	25%	Now	$29,500	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Gypsum Board	5%			LIFE	* *	5	$500	
Plaster	30%	Now	$3,600	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 2nd Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Bunk Room								
Site Enclosure								
Fence/Gates								
Wood	100%			2034	$2,800			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$20,700	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : West Side Of The Building								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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. 254/LADDER CO. 153
Asset # : 13144

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$100	
Raceway								
Conduit	80%			2033	$29,500	1		
Conduit	20%			2053	* *	1		
Panelboards								
Molded Case Bkrs	80%			2032	$39,700	5	$100	
Molded Case Bkrs	20%			2049	* *	5		
Wiring								
Thermoplastic	80%			2033	$26,600	1		
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	20%			2038	* *	10	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	80%			2038	* *			
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$10,100	1	$2,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front And Side Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2053	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 254/LADDER CO. 153
Asset # : 13144

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%			2046	* *	1	$5,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Natural Gas Fired Steam Boiler								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2031	$44,000	1	$1,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	40%	0-2	$23,600	2043	* *	2	$100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit On Roof								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	30%			2028	$6,100	1		
Window/Wall Unit	30%	0-2	$6,100	2033	$6,100	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Inefficient Units, Various Locations.								
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$900	
No Component	70%							
Exhaust Fans								
Roof	20%			2028	$2,100	2		
Wall Unit	30%			2028	$700	2	$100	
No Component	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : There Is No Exhaust Fan For 2nd Floor Bathroom								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallon Units								
Sanitary Piping								
Cast Iron	100%	0-2	$3,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Front Entrance Of Apparatus Floor								

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FIRE DEPARTMENT - 057
ENGINE CO. 254/LADDER CO. 153
Asset # : 13144

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)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Leaking Connections, Extent : Moderate, Area Affected : 10%								
Location : Sink In 2nd Floor Bathroom								
Fire Suppression								
Chemical System								
Generic	100%			2027	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Covers 25 Square Feet In Kitchen								
Explanation : 1 Set								

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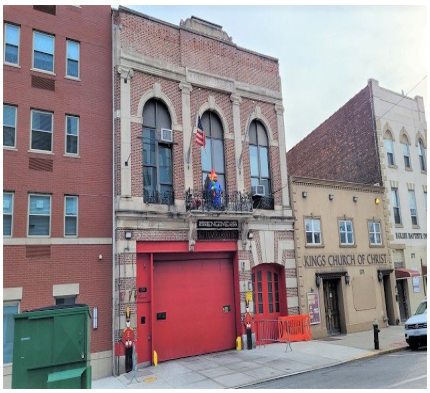
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 255/ LADDER 157**		
Address	: **1367 ROGERS AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.255 / 13145**	**Yr Built/Renovated**	: **1897 / 2000**
Area Sq Ft	: **8,453**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **21-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5229** **Lot** : **9**	**BIN**	: **3120929**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$71,700	$137,300
Interior Architecture	$60,700	
Mechanical	$58,100	$136,800
Total	**$190,500**	**$274,100**
Importance Code A	$71,700	$137,300
Importance Code B	$118,800	$136,800
Total	**$190,500**	**$274,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$38,300			
Interior Architecture	$48,700		$200	$500
Electrical	$100	$100		
Mechanical	$47,800	$11,600	$3,800	$3,600
Site Pavements	$2,600			
Total	**$137,500**	**$11,700**	**$4,000**	**$4,100**
Importance Code A	$39,200	$900	$800	$800
Importance Code B	$93,700	$10,900	$3,100	$3,200
Importance Code C	$4,700			
Total	**$137,500**	**$11,700**	**$4,000**	**$4,100**



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FIRE DEPARTMENT - 057
ENGINE CO. 255/ LADDER 157
Asset # : 13145

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%			LIFE	* *	5	$18,100	
Masonry: Brick	75%	Now	$71,700	LIFE	* *	5	$17,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : Side Facade								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Northeast Corner								
Metal Sect. OHD	10%	4+	$8,400	2031	$84,200	5	$3,600	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Lower Interior Sections								
Wood Overhead Doors	5%	Now	$3,300	2038	* *	5	$2,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Glazing In Door								
Not Insulated, Extent : Light, Area Affected : 100%								
Location : West Side								
Windows								
Aluminum	100%	Now	$20,000	2041	* *	5	$700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Southside 1st And 2nd Floors								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor								
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$2,200	
Masonry: Limestone	5%			LIFE	* *	5	$200	
Pre-cast Concrete	15%			LIFE	* *	5	$2,600	
Roof								
Asphalt Shingle	50%	Now	$1,200	2036	$24,500			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Built-Up (BUR)	50%	Now	$5,300	2033	$53,000			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Around Drains								
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 255/ LADDER 157
Asset # : 13145

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	$13,800	
Ceramic Tile	5%	Now	$700	2042	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Showers								
Quarry Tile	5%	0-2	$900	2046	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Door Way Edges								
Vinyl Tile	10%			2038	* *	3	$500	
Vinyl Tile 9" X 9"	30%	Now	$60,700	2043	* *	3	$1,400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor								
Interior Walls								
Ceramic Tile	5%	0-2	$1,800	2042	* *	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen And Toilets Throughout								
Gypsum Board	5%	0-2	$200	LIFE	* *	5	$400	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	20%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stair								
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Office								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Stair								
SGFT/Glazed Masonry	20%			LIFE	* *			
Wood	5%			LIFE	* *	5	$2,700	

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FIRE DEPARTMENT - 057
ENGINE CO. 255/ LADDER 157
Asset # : 13145

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	$200	2038	* *	5	$300	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : 2nd Floor								
Embossed Metal	55%	Now	$41,900	LIFE	* *	5	$3,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor Ceiling								
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor Ceiling								
Paint Peeling, Extent : Light, Area Affected : 75%								
Location : Apparatus Floor Ceiling								
Exposed Struc: Steel	25%			LIFE	* *			
Plaster	15%	4+	$2,900	LIFE	* *	5	$1,200	
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$200	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Southside								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Southside								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Southside								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$2,400	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front 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								
Fused Disc Sw	100%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	* *	5	$200	

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FIRE DEPARTMENT - 057
ENGINE CO. 255/ LADDER 157
Asset # : 13145

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%			2033	$29,500	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	30%			2049	* *	5	$100	
Molded Case Bkrs	65%			2032	$32,300	5	$100	
Wiring								
Thermoplastic	70%			2033	$23,300	1		
Thermoplastic	30%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Exterior Lighting								
LED	30%			2041	* *			
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		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$8,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2033	$67,700			
Terminal Devices								
Convector/Radiator	100%			2031	$69,100	1	$2,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 255/ LADDER 157
Asset # : 13145

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	25%			2028	$8,000	1		
Window/Wall Unit	75%	0-2	$14,400	2032	$24,000	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$900	
No Component	80%							
Exhaust Fans								
Interior	15%	Now	$5,600	2043	* *	2		
Not in Service, Extent : Severe, Area Affected : 100%								
Location : All The Bathrooms								
Wall Unit	25%	0-2	$900	2043	* *	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor.								
Explanation : 1 Extended Life Time Unit For Apparatus Floor								
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Only One 75 Gallon Unit								
Sanitary Piping								
Cast Iron	100%	0-2	$2,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Alley, Basement And Apparatus Floor.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Not Accessible	100%							
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2027	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set, Covers 20 Square Feet In 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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 257/LADDER 170 / BATTALION 58**		
Address	: **1361 ROCKAWAY PARKWAY**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.257 / 13146**	**Yr Built/Renovated**	: **1907 / 2010**
Area Sq Ft	: **8,142**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **18-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **8166** **Lot** : **33**	**BIN**	: **3229407**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$278,100	
Interior Architecture	$602,200	$333,700
Electrical		$65,000
Mechanical		$118,000
Site Pavements	$57,300	
Total	**$937,600**	**$516,800**
Importance Code A	$278,100	
Importance Code B	$602,200	$183,100
Importance Code C	$57,300	$333,700
Total	**$937,600**	**$516,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$36,200	$12,200		
Interior Architecture	$95,100			$800
Electrical	$3,200	$700	$700	$600
Mechanical	$30,300	$82,900	$3,700	$3,600
Total	**$164,700**	**$95,800**	**$4,400**	**$4,900**
Importance Code A	$37,000	$13,000	$800	$800
Importance Code B	$58,600	$82,800	$3,600	$4,100
Importance Code C	$69,100			
Total	**$164,700**	**$95,800**	**$4,400**	**$4,900**

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

FIRE DEPARTMENT - 057
ENGINE CO. 257/LADDER 170 / BATTALION 58
Asset # : 13146

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%	0-2	$184,100	LIFE	* *	5	$22,400	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Farragut Road Facade And Hose Tower								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Throughout, Except Front Facade								
Masonry: Granite	2%			LIFE	* *	5	$400	
Masonry: Limestone	3%			LIFE	* *	5	$600	
Metal Sect. OHD	5%			2046	* *	5	$4,000	
Stucco Cement	3%	0-2	$2,200	2046	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Front Facade								
Windows								
Aluminum	70%	Now	$94,100	2058	* *	5	$1,000	
Air Infiltration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Worn/Erode, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	30%	Now	$34,000	2058	* *	5	$4,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 1st Floor Side Facade Near Front- Sash Missing								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$3,300	
Masonry: Brick	30%			LIFE	* *	5	$600	
Metal Rail	30%			2046	* *	5-10	$11,600	
Stucco Cement	20%			2046	* *	5	$1,100	
Roof								
Modified Bitumen	100%			2038	* *	10	$12,200	
Interior								

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

FIRE DEPARTMENT - 057
ENGINE CO. 257/LADDER 170 / BATTALION 58
Asset # : 13146

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	$144,700	LIFE		* *	5	$12,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%									
Location : Apparatus Floor Near Ladder Truck Bay									
Water Penetration, Extent : Moderate, Area Affected : 25%									
Location : Basement, Apparatus Floor At Threshold Of Over Head Door									
Other Observation, Extent : N/A, Area Affected : 50%									
Location : Apparatus Floor									
Explanation : Temporary Shoring In Basement									
Ceramic Tile	5%	Now	$10,700	2042		* *	5	$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%									
Location : Officers Bathrooms									
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Officers Bathrooms									
Vinyl Tile	50%	Now	$174,100	2043		* *	3	$2,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%									
Location : Second Floor Throughout									
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%									
Location : Second Floor Throughout									
Patching Evident, Extent : Light, Area Affected : 15%									
Location : Second Floor Throughout									
Worn/Erode, Extent : Moderate, Area Affected : 75%									
Location : Throughout, Engine Office									
Interior Walls									
Ceramic Tile	35%	Now	$33,400	2036	$333,700		5	$3,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Truck Bays And Officers Bathrooms									
Masonry: Brick	35%	0-2	$23,100	LIFE		* *			
Spalling, Extent : Moderate, Area Affected : 5%									
Location : Basement Front Wall									
Plaster	30%	Now	$12,700	LIFE		* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%									
Location : Throughout Second 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
ENGINE CO. 257/LADDER 170 / BATTALION 58
Asset # : 13146

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	$10,500	2038	* *	5	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor Offices								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : 2nd Floor Offices And 1st Floor Lounge								
Embossed Metal	35%			LIFE	* *	5	$2,000	
Exposed Struc: Concrete	30%	Now	$283,300	LIFE	* *	5	$600	
Corrosion/Rusting, Extent : Severe, Area Affected : 2%								
Location : Steel Beam At Front Wall								
Spalling, Extent : Severe, Area Affected : 20%								
Location : Basement Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Sidewalk Hatch								
Other Observation, Extent : Severe, Area Affected : 60%								
Location : Basement								
Explanation : Temporary Supports Under Apparatus Floor								
Plaster	25%	Now	$4,800	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout Second Floor								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$57,300	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Parking Area								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Parking 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	100%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	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. 257/LADDER 170 / BATTALION 58
Asset # : 13146

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%			2033	$29,500	1		
Conduit	20%			2053	* *	1		
Panelboards								
Molded Case Bkrs	80%			2049	* *	5	$200	
Molded Case Bkrs	20%			2032	$9,900	5		
Wiring								
Thermoplastic	80%			2033	$26,600	1		
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Variable Frequency Drive	100%			2038	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$2,500	
Generators								
Diesel	100%			2042	* *	1	$3,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : No Available Nameplate Rating Capacity								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$300	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : 120 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	10%			2033	$7,100	10	$700	
LED	90%			2038	* *			
Egress Lighting								
Emergency, Service	100%			2038	* *	1		
Exterior Lighting								
LED	20%			2038	* *			
No Component	80%							

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

Note : 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. 257/LADDER 170 / BATTALION 58
Asset # : 13146

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	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallon Tank; 490 Gallon Working Capacity								
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$8,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%	0-2	$1,300	2043	* *			
Unbalanced System, Extent : Light, Area Affected : 5%								
Location : Truck And Engine Rooms - Water Hammer								
Terminal Devices								
Convector/Radiator	90%			2031	$59,900	1	$2,400	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Fan Coil Unit/Heat	10%	0-2	$20,200	2043	* *	1	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor (Main Truck Room) - Steam Unit Heaters								
Controls								
Electrical	100%			2028	$45,300			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%	0-2	$1,900	2033	$19,300			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 2 Inefficient Units, R-410a Refrigerant								
Split Unit	5%			2041	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : TV Room								
Window/Wall Unit	50%	0-2	$3,100	2028	$15,400	1		
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor - 4 Units Defective								
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$900	
No Component	80%							
Exhaust Fans								
Roof	20%			2033	$3,200	2	$100	
Wall Unit	10%			2033	$400	2		
No Component	70%							

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. 257/LADDER 170 / BATTALION 58
Asset # : 13146

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	90%			2043	* *	1		
Galvanized Steel	10%	Now	$200	2038	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement At Water Main								
Water Heater With Tanks								
Gas Fired	50%			2028	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Of 2 Units - 74 Gallons. Quantity 1								
Gas Fired	50%			2032	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Of 2 Units - 74 Gallons. Quantity 1								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$300	4	$300	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2031	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood, 50 Square Feet (10x5)								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future 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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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 258/LADDER CO. 115**		
Address	: **10-40 47TH STREET**		
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	: **25-Oct-2022**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **46** **Lot** : **34**	**BIN**	: **4000333**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$122,700	$153,200
Interior Architecture	$195,600	
Mechanical	$247,000	
Total	**$565,300**	**$153,200**
Importance Code A	$122,700	$153,200
Importance Code B	$339,400	
Importance Code C	$103,300	
Total	**$565,300**	**$153,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$76,900		$3,600	
Interior Architecture	$49,800			
Electrical	$900	$3,600	$20,200	$700
Mechanical	$51,700	$3,300	$93,000	$3,500
Site Enclosure	$41,300			
Site Pavements	$8,900			
Total	**$229,400**	**$6,900**	**$116,700**	**$4,200**
Importance Code A	$107,400	$300	$3,800	$300
Importance Code B	$77,400	$6,700	$112,800	$3,900
Importance Code C	$44,600			
Total	**$229,400**	**$6,900**	**$116,700**	**$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
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	$9,100	
Masonry: Brick	70%	0-2	$122,700	LIFE	* *	5	$27,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : West Facade								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Front And Rear Facades								
Recent Repair Evident, Extent : N/A, Area Affected : 5%								
Location : Leaks Repaired At 2nd Floor Bay Windows								
Masonry: Granite	2%			LIFE	* *	5	$600	
Masonry: Limestone	10%	0-2	$10,100	LIFE	* *	5	$2,900	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Metal Sect. OHD	5%			2039	* *	5	$6,100	
Stucco Cement	10%	0-2	$12,100	2039	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : West Facade								
Windows								
Aluminum	100%			2042	* *	5	$2,000	
Parapets								
Masonry: Brick	60%	0-2	$11,400	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Front Facade								
Masonry: Limestone	15%	0-2	$1,700	LIFE	* *	5	$500	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Metal Panel	10%			2044	* *	5	$1,100	
Metal Rail	5%	Now	$200	2039	* *	5	$1,000	
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : At The Corners								
Stucco Cement	10%	0-2	$900	2047	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Front Facade - Roof Side								

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

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

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%	2-4	$15,300	2034	$153,200			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Recent Repair Evident, Extent : N/A, Area Affected : 50%								
Location : Leaks Repaired								
Metal Panel	10%			2047	* *	10	$2,600	
Skylight, Metal/Glass	5%	2-4	$21,700	2054	* *			
Glazing Clouded, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Leaks Repaired								
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	$13,700	
Ceramic Tile	15%	2-4	$7,300	2037	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Wood	45%	2-4	$92,300	2049	* *	5	$6,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 75%								
Location : Throughout 2nd And 3rd Floors								
Interior Walls								
Ceramic Tile	10%			2037	* *	5	$3,200	
Concrete Masonry Unit	20%			LIFE	* *	5	$2,600	
Gypsum Board	10%	2-4	$1,000	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Various Locations								
Masonry: Brick	20%			LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Apparatus Room And Staircase								
Plaster	40%	Now	$103,300	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Skylights And Various Locations Throughout								

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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								
Ceilings								
AcousTileSusp.Lay-In	35%	2-4	$30,000	2047	* *	5	$2,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Various Locations Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Various Locations Throughout								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Embossed Metal	45%	2-4	$4,700	LIFE	* *	5	$3,200	
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : 4th Floor And Apparatus Room								
Exposed Struc: Steel	15%			LIFE	* *			
Plaster	5%	Now	$5,200	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Truck Bay And 2nd Floor Offices								
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%	0-2	$41,300	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Rear Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$8,200	2047	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Curb Cut At East Bay								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Curb Cut At West Bay								
Explanation : Entry Apron Misaligned								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$800	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard								
Ponding, Extent : Moderate, Area Affected : 2%								
Location : Rear Yard								

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 : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Service Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5		

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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								
Raceway								
Conduit	70%			2034	$28,200	1		
Conduit	30%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	$300	
Wiring								
Thermoplastic	60%			2034	$21,900	1		
Thermoplastic	40%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2032	$20,000	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$3,200	
Generators								
Diesel	100%			2043	* *	1	$4,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Right Side Rear Yard								
Explanation : One 250 Kilowatt								
Batteries								
Lead/Acid	100%			2028	$2,700	5	$400	
Fuel Storage								
Day Tank	100%			2050	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Right Rear Yard								
Explanation : 125 Gallons								
Lighting								
Interior Lighting								
LED	100%			2042	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2029	$9,600	10	$1,300	
Exit, Battery	50%			2029	$8,100	10	$400	
Exterior Lighting								
LED	20%			2042	* *			
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
No Component	80%							

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

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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
Heating								
Energy Source								
Natural Gas	100%			2054	* *	1		
Conversion Equipment								
Hot Water Boiler	50%	Now	$30,500	2039	* *	1	$2,300	
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Basement								
No Component	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Rooftop Heating And Cooling Units								
Explanation : See Air Conditioning Section								
Distribution								
Hot Wtr Piping/Pump	50%			2042	* *	4	$300	
No Component	50%							
Terminal Devices								
Convector/Radiator	30%			2039	* *	1	$1,000	
Unit Heater - Steam	20%	0-2	$100	2034	$6,500	4	$200	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
No Component	50%							
Controls								
Electrical	100%			2029	$31,900			
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%	0-2	$183,400	2044	* *	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 7 Rooftop Units, Roof								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : On Extended Life Time Units. Going Down Frequently.								
Window/Wall Unit	5%			2029	$2,200	1		
Ventilation								
Distribution								
Ductwork/Diffusers	95%			LIFE	* *	2-5	$5,600	
No Component	5%							
Exhaust Fans								
Roof	60%			2029	$13,400	2	$200	
Wall Unit	20%			2034	$1,000	2	$100	
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$14,800	2044	* *	1		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : 3rd And 4th Floor								
Explanation : Low Water Pressure								

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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 With Tanks								
Gas Fired	100%			2029	$37,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	0-2	$2,900	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Combination Sewer Backs Up In Basement During Heavy Rains								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$400	4	$300	
Backflow Preventer								
Generic	100%			2039	* *	1	$600	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2044	* *	1-2	$2,900	
Chemical System								
Generic	100%			2029	$63,700	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Size 50 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **08-Mar-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **307** **Lot** : **29**	**BIN**	: **4003673**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$174,700	
Mechanical	$58,100	$185,800
Total	**$232,900**	**$185,800**
Importance Code A	$174,700	
Importance Code B	$58,100	$185,800
Total	**$232,900**	**$185,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$54,700	$900		$700
Interior Architecture	$47,400			$300
Electrical	$1,700	$1,700	$4,400	$1,900
Mechanical	$16,400	$4,300	$6,100	$42,500
Total	**$120,100**	**$7,000**	**$10,500**	**$45,400**
Importance Code A	$55,400	$1,700	$800	$1,500
Importance Code B	$46,600	$5,300	$9,700	$43,900
Importance Code C	$18,100			
Total	**$120,100**	**$7,000**	**$10,500**	**$45,400**

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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	70%	Now	$69,300	LIFE	* *	5	$8,400	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : All Facades, Various Locations								
Caulking Deteriorated, Extent : Severe, Area Affected : 15%								
Location : At Window Lintels								
Masonry: Brick Cavity	10%	0-2	$2,100	LIFE	* *	5	$1,200	
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Right Side Of Building								
Masonry: Limestone	2%	Now	$18,900	LIFE	* *	5	$200	
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : At Third Floor Window Lintels								
Metal Panel	10%	0-2	$1,600	2055	* *	5	$2,300	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Roll Up Door Jambs								
Metal Sect. OHD	5%			2048	* *	5	$1,900	
Pre-cast Concrete	3%			LIFE	* *	5	$1,200	
Windows								
Aluminum	100%	Now	$1,800	2051	* *	5	$200	
Caulking Deteriorated, Extent : Severe, Area Affected : 10%								
Location : 3rd Floor Front Room								
Weather Strip Missing, Extent : Severe, Area Affected : 75%								
Location : All Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$500	LIFE	* *	5	$1,100	
Caulking Deteriorated, Extent : Severe, Area Affected : 5%								
Location : Front Facade								
Masonry: Brick	65%	Now	$23,700	LIFE	* *	5	$900	1
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 20%								
Location : Front Facade, East And West Facades								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Perimeter Parapets								
Metal Panel	5%			2055	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Parapet								
Explanation : Metal Coping								
Metal Panel	20%			2055	* *	5	$1,100	

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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								
Roof								
IRMA/Protected Membrane	5%	2-4	$700	2035	$14,800			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Dining Room								
Modified Bitumen	77%	Now	$105,400	2045	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Main Roof At Air Conditioning Penetrations								
Plaza Roof: Stone Panels	15%			2055	* *			
Skylight, Metal/Glass	3%	Now	$5,300	2055	* *			1
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Dining Room, Main Roof Skylight								
Interior								
Floors								
Cast in Place Concrete	43%			LIFE	* *	5	$20,500	
Ceramic Tile	30%	Now	$7,400	2044	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Sheet Vinyl/Rubber	2%			2040	* *	5	$700	
Wood	25%	Now	$16,300	2063	* *	5	$5,100	
Ridging, Extent : Severe, Area Affected : 10%								
Location : Bunker Room On Third Floor From Roof Water Penetration								
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *			
Ceramic Tile	5%	Now	$13,900	2044	* *	5	$600	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Stairs To Basement								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Stairs To Basement								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Mens Third Floor Bathroom								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Apparatus Room And Kitchen								
Concrete Masonry Unit	10%			LIFE	* *	5	$1,000	
Gypsum Board	59%	Now	$4,200	LIFE	* *	5	$9,000	
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : 3rd Floor Front Room, Gymnasium, Bunker Room And Soffit Sides At Dining Room Skylight Area								
Masonry: Fieldstone	5%			LIFE	* *			
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		
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%	4+	$1,100	2048	* *	5	$1,600	
Staining/Discoloring, Extent : Severe, Area Affected : 10%								
Location : 2nd And 3rd Floor Offices								
Exposed Struc: Steel	25%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Ceiling								
Explanation : Fireproofing On Metal Decking And Beams								
Gypsum Board	60%	Now	$4,600	LIFE	* *	5	$16,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Bathroom, 3rd Floor Front And Gymnasium								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Bunkroom								
Explanation : Paint Peeling								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			

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%			2055	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$400	
Raceway								
Conduit	100%			2055	* *	1		
Panelboards								
Molded Case Bkrs	100%			2051	* *	5	$400	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$4,900	

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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								
Generators								
Diesel	100%			2044	* *	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 269 Kilovolt Amperes, 215 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$600	
Fuel Storage								
Day Tank	10%			2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 60 Gallons Rated Capacity								
Main Tank	90%			2063	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : LED Lights								
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2035	$29,700	1	$5,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Cameras Security 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								
Natural Gas	100%			2055	* *	1		

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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
Heating								
Conversion Equipment								
Furnace	20%			2035	$9,800	1	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Entrance Of Apparatus Floor								
Explanation : 2 Gasoline Fired Units								
Hot Water Boiler	80%			2048	* *	1	$6,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	80%			2051	* *	4	$900	
No Component	20%							
Terminal Devices								
Convector/Radiator	55%			2048	* *	1	$2,800	
Fan Coil Unit/Heat	25%			2035	$97,900	1	$1,300	
No Component	20%							
Controls								
Electrical	100%	Now	$1,800	2033	$87,800			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Temperature Control System, Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	50%	Now	$4,300	2040	* *	2	$400	
Leak Evident, Extent : Severe, Area Affected : 3%								
Location : Condensate Leaks To Third Floor Dormitory								
Not in Service, Extent : Severe, Area Affected : 10%								
Location : The Unit For Second Floor Trucker Office								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units. R-410a Refrigerant								
Split Unit	5%	0-2	$1,900	2040	* *			
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : 2 Units. Second Floor Office And House Watch.								
No Component	45%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2040	* *	1	$300	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2040	* *	2	$600	
No Component	95%							
Ventilation								

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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 Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	5%	0-2	$700	LIFE	* *	2-5	$400	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Ceiling								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$6,200	
No Component	25%							
Exhaust Fans								
Roof	80%			2040	* *	2	$400	
Wall Unit	20%			2035	$1,400	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar								
Explanation : Two 75 Gallon Heaters								
Sanitary Piping								
Cast Iron	30%	Now	$3,000	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 5%								
Location : Third Floor Laundry Area Leaks To Second Floor Training Room								
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2029	$500	4	$300	
Backflow Preventer								
Generic	100%			2040	* *	1	$1,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2055	* *	1-2	$4,400	
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 26**		
Address	: **220 WEST 37th STREET BET 7TH AVE AND 8TH AVE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.026 / 13019**	**Yr Built/Renovated**	: **1869 / 2010**
Area Sq Ft	: **7,221**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **27-Nov-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **786** **Lot** : **61**	**BIN**	: **1014447**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$65,200
Interior Architecture	$67,200	$134,400
Mechanical		$117,200
Total	**$67,200**	**$316,700**
Importance Code A		$65,200
Importance Code B	$67,200	$251,500
Total	**$67,200**	**$316,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$73,100			
Interior Architecture	$82,800			$2,900
Electrical	$400	$300	$300	$300
Mechanical	$7,500	$3,600	$3,500	$3,600
Total	**$163,800**	**$3,800**	**$3,700**	**$6,800**
Importance Code A	$73,900	$700	$700	$700
Importance Code B	$50,900	$3,100	$3,000	$4,600
Importance Code C	$39,000			$1,500
Total	**$163,800**	**$3,800**	**$3,700**	**$6,800**

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. 26
Asset # : 13019

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 Iron	5%			LIFE	* *	10	$17,100	
Masonry: Brick	85%	0-2	$43,700	LIFE	* *	5	$26,500	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Rear Facades								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Rear Facades								
Wood Overhead Doors	10%			2041	* *	5	$15,600	
Windows								
Aluminum	100%	Now	$5,300	2044	* *	5	$600	
Air Infiltration, Extent : Severe, Area Affected : 30%								
Location : Front Facade								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	$2,300	
Masonry: Brick	85%			LIFE	* *	5-10	$4,600	
Worn/Erode, Extent : Moderate, Area Affected : 0%								
Location : At Side Walls								
No Component	5%							
Roof								
Asphalt Shingle	5%	0-2	$200	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rear Roof								
Modified Bitumen	90%	2-4	$1,300	2036	$65,200			
Blisters, Extent : Light, Area Affected : 2%								
Location : Upper Roof								
Skylight, Metal/Glass	5%			2046	* *	10	$1,100	
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$14,200	
Ceramic Tile	15%			2045	* *	5	$1,600	
Quarry Tile	5%	0-2	$4,000	2041	* *	5	$400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Kitchen								
Vinyl Tile	45%	Now	$67,200	2036	$134,400	3	$1,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	5%	Now	$600	2064	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Wood Stair From 2nd To 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. 26
Asset # : 13019

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%			2045	* *	5	$2,900	
Masonry: Brick	10%	Now	$5,500	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Front And Back Of Building In Basement								
Plaster	55%	Now	$19,400	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : 2nd And 3rd Floor								
Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
Location : 2nd And 3rd Floor Throughout								
SGFT/Glazed Masonry	10%	Now	$13,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 30%								
Location : 1st Floor								
Wood	5%	Now	$1,000	LIFE	* *	5	$2,900	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : 3rd Floor								
Ceilings								
AcousTileSusp.Lay-In	40%	Now	$14,700	2041	* *	5	$2,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Bathroom								
Embossed Metal	20%	Now	$11,600	LIFE	* *	5	$1,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : 1st Floor								
Exposed Struc: Concrete	20%			LIFE	* *	5-10	$2,800	
Plaster	20%	4+	$3,400	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Second Floor								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2049	* *			

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
ENGINE CO. 26
Asset # : 13019

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Disconnect Switch								
Raceway								
Conduit	90%			2036	$33,100	1		
Conduit	10%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	75%			2035	$37,200	5	$100	
Molded Case Bkrs	20%			2052	* *	5		
Wiring								
Braided Cloth	30%			2035	$10,000	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2056	* *	1		
Thermoplastic	50%			2036	$16,600	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main Pipe Grounded								
Lighting								
Interior Lighting								
LED	100%			2044	* *			
Egress Lighting								
Emergency, Battery	100%			2044	* *	10	$1,700	
Exterior Lighting								
LED	20%			2044	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2044	* *	1	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : CCTV 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								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future 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. 26
Asset # : 13019

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								
Steam Boiler	100%			2049	* *	1	$7,200	
Distribution								
Steam Piping/Pump	100%			2046	* *			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Steam Supply And Condensate Return Piping Are Beyond Useful Life Cycle Rating								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Gravity Steam Condensate Return System								
Terminal Devices								
Convector/Radiator	100%			2034	$59,000	1	$2,300	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Heating Terminal Equipment Is Beyond Their Useful Life Cycle Rating								
Controls								
Electrical	100%			2034	$40,100			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Split Unit	10%			2044	* *			
Window/Wall Unit	40%			2031	$10,900	1		
No Component	50%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2044	* *	2	$500	
Recent Installation, Extent : N/A, Area Affected : 10%								
Location : Newly Installed Condensing Unit Evident								
No Component	90%							
Ventilation								
Exhaust Fans								
Roof	15%			2036	$2,100	2		
No Component	85%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Sanitary Piping Is Beyond Useful Life Cycle Rating								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 26
Asset # : 13019

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		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, The Storm Piping Is Beyond Useful Life Cycle Rating								
Backflow Preventer								
No Component	95%							
Generic	5%			2041	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Dry	100%			2031	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Kitchen Hood, 5 Feet X 10 Feet Which Equals 50 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 260**		
Address	: **11-15 37th AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.260 / 13149**	**Yr Built/Renovated**	: **1939 /**
Area Sq Ft	: **6,760**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **22-Nov-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **352** **Lot** : **35**	**BIN**	: **4004305**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$135,200	$201,600
Interior Architecture	$1,183,800	
Electrical		$65,000
Mechanical	$58,100	$54,100
Total	**$1,377,100**	**$320,800**
Importance Code A	$135,200	$201,600
Importance Code B	$1,180,900	$119,200
Importance Code C	$60,900	
Total	**$1,377,100**	**$320,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$27,400	$8,200		
Interior Architecture	$78,300		$800	$400
Electrical	$300	$300	$300	$2,000
Mechanical	$10,900	$7,400	$3,500	$54,700
Site Enclosure	$7,600			
Site Pavements	$12,500			
Total	**$136,900**	**$15,900**	**$4,600**	**$57,000**
Importance Code A	$28,000	$8,900	$700	$700
Importance Code B	$80,500	$7,100	$3,400	$56,300
Importance Code C	$28,400		$600	
Total	**$136,900**	**$15,900**	**$4,600**	**$57,000**

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. 260
Asset # : 13149

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	$135,200	LIFE	* *	5	$16,400	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 20%								
Location : All Facades Below Granite And Above Windows								
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Rear And Side Facade								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Rear And Side Facade								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Rear And Side Facade Everytime It Rains								
Masonry: Granite	10%			LIFE	* *	5	$1,600	
Wood Overhead Doors	15%			2033	$94,300	5	$16,400	
Windows								
Aluminum	100%	Now	$7,900	2051	* *	5	$800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$500	
Masonry: Brick	75%	Now	$12,300	LIFE	* *	5	$1,000	1
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 50%								
Location : Above Roof Joint On Exterior Of Building								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Office And Locker Room On Second Floor								
Masonry: Granite	20%	Now	$1,700	LIFE	* *	5	$300	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 5%								
Location : Joint Between Brick								
Roof								
Modified Bitumen	100%	Now	$5,400	2035	$107,400			
Ponding, Extent : Moderate, Area Affected : 5%								
Location : At Hatch Area								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Main Roof Every Time It Rains								
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. 260
Asset # : 13149

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%	Now	$516,400	LIFE	* *	5	$13,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Apparatus Floor								
Explanation : Structurally Insufficient. Temporarily Supported On Lally Columns								
Ceramic Tile	5%			2044	* *	5	$500	
Quarry Tile	5%	Now	$1,900	2048	* *	5	$400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Vinyl Tile	15%	0-2	$4,200	2035	$41,900	3	$600	
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Second Floor								
Vinyl Tile 9" X 9"	15%	Now	$36,400	2045	* *	3	$600	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Second Floor								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Second Floor								
Worn/Erode, Extent : Severe, Area Affected : 100%								
Location : Second Floor								
Interior Walls								
Cast in Place Concrete	10%	Now	$10,600	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Rear Facade In Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Rear Facade Of Basement								
Ceramic Tile	8%			2044	* *	5	$1,100	
Masonry: Brick	22%			LIFE	* *			
Plaster	60%	Now	$60,900	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Second Floor Locker Room, Television Room, Officers Room And Bunkroom								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Locker Room And East Side 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. 260
Asset # : 13149

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	20%	Now	$700	2048	* *	5	$1,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Second Floor								
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Second Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Second Floor Bunk Room								
Exposed Struc: Concrete	40%	Now	$606,500	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Ceiling, Apparatus Floor Above								
Exposed Reinforcement, Extent : Severe, Area Affected : 20%								
Location : Cellar								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement From Front Apparatus Floor And Below Kitchen								
Worn/Erode, Extent : Severe, Area Affected : 20%								
Location : Cellar								
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Cellar								
Explanation : Temporary Posts Supporting Apparatus Floor Above								
Plaster	40%	Now	$24,600	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Locker Room, Apparatus Floor At Pipe Penetrations, And Basement Stair Case								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : First Floor Bunker Gear, Side Entry Door, Second Floor Locker Room, Office And Bathroom								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$7,600	2055	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Inoperable Gate At 37th Avenue, Broken And Missing Components								
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Rear And Side Fence And Posts								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$2,200	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : At Apron By Overhead Door Entrance								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$3,300	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Rear								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : At Rear Gate								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 260
Asset # : 13149

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	$6,900	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Side Yard By Cellar Access Hatches								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Driveway								

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%			2035	$10,600	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Fused Disc Sw	30%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Service Disconnect Switch Rated 60 Amperes Serving The Solar Panel.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$200	
Raceway								
Conduit	80%			2035	$29,500	1		
Conduit	20%			2045	* *	1		
Panelboards								
Molded Case Bkrs	80%			2043	* *	5	$100	
Molded Case Bkrs	20%			2034	$9,900	5		
Wiring								
Thermoplastic	80%			2045	* *	1		
Thermoplastic	20%			2035	$6,700	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Battery	100%			2040	* *	10	$1,600	
Exterior Lighting								
HID	15%			2035	$4,700	10		
LED	15%			2040	* *			
No Component	70%							
Alarm								

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

FIRE DEPARTMENT - 057
ENGINE CO. 260
Asset # : 13149

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								
Generic	100%			2035	$12,700	1	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$6,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	95%			2035	$51,400			
Steam Piping/Pump	5%	0-2	$500	2035	$2,700			
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Terminal Devices								
Convector/Radiator	10%	0-2	$2,200	2040	* *	1	$200	
Leak Evident, Extent : Moderate, Area Affected : 40%								
Location : At Connections, Various Locations								
Convector/Radiator	90%			2040	* *	1	$2,000	
Controls								
Electrical	100%			2030	$37,600			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$2,600	2030	$12,800	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$800	
No Component	80%							

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

FIRE DEPARTMENT - 057
ENGINE CO. 260
Asset # : 13149

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	20%			2035	$2,600	2		
Wall Unit	30%			2030	$900	2	$100	
No Component	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : There Is No Exhaust Fan For Second Floor Bathroom								
Plumbing								
H/C Water Piping								
Brass/Copper	95%			2045	* *	1		
Brass/Copper	5%	0-2	$200	2045	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2033	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cellar								
Explanation : Two 75 Gallon Heater								
Sanitary Piping								
Cast Iron	100%	0-2	$1,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Water Backs Up To Front Side Of Basement And Left Side Alley.								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Second Floor								
Explanation : There Is No Trap In Girls Bathroom								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set, Covers 25 Square Feet.								

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.*

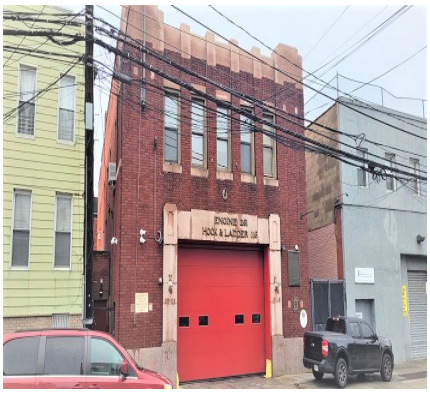
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 261/LADDER CO. 116**		
Address	: **37-20 29th STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.261 / 13150**	**Yr Built/Renovated**	: **1932 /**
Area Sq Ft	: **6,090**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **22-Nov-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **370** **Lot** : **23**	**BIN**	: **4004505**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$122,400	$56,700
Interior Architecture		$139,600
Electrical		$65,000
Mechanical	$58,100	
Total	**$180,500**	**$261,300**
Importance Code A	$122,400	$56,700
Importance Code B	$58,100	$204,600
Total	**$180,500**	**$261,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$39,700			$1,000
Interior Architecture	$51,200	$1,000	$300	
Electrical	$200	$200	$300	$11,900
Mechanical	$8,500	$3,300	$3,500	$69,800
Site Pavements	$12,300			
Total	**$112,000**	**$4,600**	**$4,200**	**$82,700**
Importance Code A	$40,300	$600	$600	$1,600
Importance Code B	$40,500	$4,000	$3,600	$81,100
Importance Code C	$31,100			
Total	**$112,000**	**$4,600**	**$4,200**	**$82,700**



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. 261/LADDER CO. 116
Asset # : 13150

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	$122,400	LIFE	* *	5	$14,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Chimney At Roof								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 15%								
Location : Side And Rear At Base, Between Parapet To Windows And At Chimney On Roof								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Around Overhead Door								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Sides And Rear Of Building								
Masonry: Granite	5%	Now	$8,400	LIFE	* *	5	$800	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Around Overhead Door								
Masonry: Limestone	10%			LIFE	* *	5	$1,600	
Metal Sect. OHD	15%			2052	* *	5	$10,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Overhead Door								
Explanation : Fiber Glass Overhead Door								
Windows								
Aluminum	100%	Now	$10,000	2051	* *	5	$1,000	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 2%								
Location : Second Floor Corridor								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Bunker Room At Window Openings And Basement Rear In Gymnasium								
Parapets								
Masonry: Brick	80%	Now	$9,600	LIFE	* *	5	$1,500	1
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 20%								
Location : Throughout Main Roof								
Masonry: Granite	10%			LIFE	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Facade								
Explanation : Granite Crown Molding As Copping								
Masonry: Limestone	10%	0-2	$1,200	LIFE	* *	5	$200	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Roof								
Modified Bitumen	10%			2040	* *	10	$1,000	
Roll Roofing	90%	Now	$5,700	2031	$56,700	5	$7,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Hatch And Front Of Building								
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. 261/LADDER CO. 116
Asset # : 13150

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	$5,000	LIFE	* *	5	$6,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Apparatus Floor Below Trucks								
Ceramic Tile	7%			2044	* *	5	$700	
Traffic Topping	30%	Now	$14,000	2035	$139,600	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Vinyl Tile	28%			2040	* *	3	$1,000	
Wood	5%			2063	* *	5	$900	
Interior Walls								
Cast in Place Concrete	10%	Now	$2,000	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Vault Below Sidewalk At Hatch								
Ceramic Tile	5%	Now	$700	2044	* *	5	$300	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : First Floor Bathroom								
Gypsum Board	25%			LIFE	* *	5	$2,000	
Masonry: Brick	5%	Now	$12,700	LIFE	* *			
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Basement And Stair To Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Plaster	45%	Now	$7,300	LIFE	* *	5	$1,800	
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Roof Hatch Walls								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Second Floor In Bunker, Officers Rooms And Lintel Above Apparatus Floor								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2048	* *	5	$500	
Exposed Struc: Concrete	33%			LIFE	* *	5	$500	
Exposed Struc: Steel	30%			LIFE	* *			
Plaster	32%	Now	$9,500	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Apparatus Area By Overhead Door								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Apparatus Floor Above Bathroom And At Stairwell								
Worn/Erode, Extent : Severe, Area Affected : 10%								
Location : Apparatus Area Over Bathroom								
Site Enclosure								
Fence/Gates								
Metal: Cage/Fence	100%			LIFE	* *			
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
ENGINE CO. 261/LADDER CO. 116
Asset # : 13150

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%	Now	$4,000	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 29th Street								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$1,600	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$6,700	2040	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 15%								
Location : Rear Of Driveway								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Driveway								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Rear Of Driveway								

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%			2035	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	$65,000	5		
Raceway								
Conduit	80%			2035	$29,500	1		
Conduit	20%			2055	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	$5,000	5		
Molded Case Bkrs	70%			2034	$34,700	5		$100
Molded Case Bkrs	20%			2051	* *	5		
Wiring								
Thermoplastic	20%			2055	* *	1		
Thermoplastic	80%			2035	$26,600	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5		$100
Lighting								

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FIRE DEPARTMENT - 057
ENGINE CO. 261/LADDER CO. 116
Asset # : 13150

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	20%			2030	$10,600	10	$1,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Second Floor								
Explanation : T-12 Lamps								
Fluorescent	50%			2035	$26,400	10	$2,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor. Basement								
Explanation : T-8 Lamps								
LED	30%			2040	* *			
Egress Lighting								
Exit, LED	100%			2050	* *	1		
Exterior Lighting								
LED	20%			2035	$6,500			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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%			2055	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$6,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2045	* *			
Terminal Devices								
Convector/Radiator	100%			2033	$49,800	1	$2,000	
Controls								
Electrical	100%			2030	$33,900			
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2030	$11,500	1		
No Component	50%							
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.
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FIRE DEPARTMENT - 057
ENGINE CO. 261/LADDER CO. 116
Asset # : 13150

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$1,700	
No Component	50%							
Exhaust Fans								
Roof	50%			2040	* *	2	$100	
Wall Unit	20%	0-2	$100	2035	$500	2		
Broken, Extent : Moderate, Area Affected : 10%								
Location : First Floor								
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 75 Gallon								
Sanitary Piping								
Cast Iron	100%	0-2	$3,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor And Basement								
Storm Drain Piping								
Cast Iron	100%	0-2	$1,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Perimeter Drain Blockage And Back Up Of Storm Water After Heavy Rain								
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set 4 Feet X 5 Feet Which Equals 20 Sqaure Feet. Fire Suppression Over The Kitchen Hood								

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.
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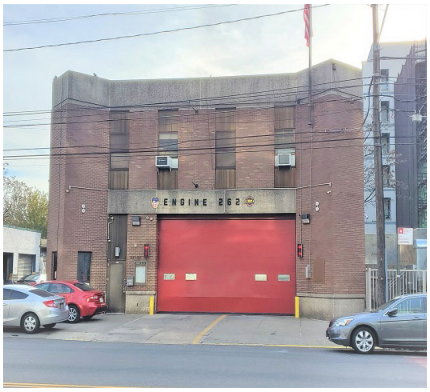
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 262**		
Address	: **30-89 21st STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.262 / 13151**	**Yr Built/Renovated**	: **1972 /**
Area Sq Ft	: **9,300**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **02-Feb-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **551** **Lot** : **16**	**BIN**	: **4006338**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$277,900	
Interior Architecture	$111,300	$278,300
Electrical		$130,000
Mechanical	$109,800	$53,200
Total	**$499,100**	**$461,600**
Importance Code A	$277,900	$65,000
Importance Code B	$221,200	$396,600
Total	**$499,100**	**$461,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$53,200			$3,500
Interior Architecture	$86,400	$1,100	$1,100	$200
Electrical			$100	$200
Mechanical	$32,400	$7,600	$3,400	$54,900
Site Enclosure	$800			
Site Pavements	$4,600			
Total	**$177,300**	**$8,700**	**$4,600**	**$58,900**
Importance Code A	$53,600	$500	$500	$4,100
Importance Code B	$86,900	$7,700	$4,200	$54,800
Importance Code C	$36,800	$600		
Total	**$177,300**	**$8,700**	**$4,600**	**$58,900**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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FIRE DEPARTMENT - 057
ENGINE CO. 262
Asset # : 13151

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%	Now	$50,100	LIFE	* *	5	$12,200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Masonry Relieving Angle At Second Floor Level								
Metal Panel	10%			2045	* *	5-10	$12,900	
Metal Sect. OHD	10%			2052	* *	5	$5,800	
Pre-cast Concrete	15%			LIFE	* *	5	$9,100	
Windows								
Aluminum	100%	Now	$73,800	2060	* *	5	$800	1
Air Infiltration, Extent : Severe, Area Affected : 100%								
Location : All Facades								
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : First Floor, Basement								
Caulking Deteriorated, Extent : Moderate, Area Affected : 70%								
Location : All Facades								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First Floor Windows At Alley								
Explanation : Metal Security Bars Rusted								
Parapets								
Masonry: Brick	45%	Now	$20,600	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Caulking Deteriorated, Extent : Light, Area Affected : 15%								
Location : Main Roof								
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Main Roof								
Pre-cast Concrete	55%			LIFE	* *	5	$6,300	
Roof								
Built-Up (BUR)	98%	Now	$154,100	2045	* *			1
Drains Clogged, Extent : Moderate, Area Affected : 30%								
Location : Main Roof								
Grvl/Blst Miss/Disp, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 15%								
Location : Main Roof								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Lower Roof And Main Roof								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Lower Roof And Main Roof								
Skylight, Plastic	2%	Now	$29,600	2055	* *	1		
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Main Roof Skylight Covered With Membrane								
Glazing Clouded, Extent : Moderate, Area Affected : 50%								
Location : Main Roof Skylight								
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. 262
Asset # : 13151

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	$59,200	LIFE	* *	5	$15,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Occasional Flooding Through Floor Slab From Hydrostatic Pressure								
Ceramic Tile	10%			2044	* *	5	$1,400	
Quarry Tile	5%			2048	* *	5	$1,000	
Vinyl Tile	10%	0-2	$7,700	2035	$38,500	3	$500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Office, Bunk Room And Corridor								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Office								
Vinyl Tile 9" X 9"	25%			2035	$278,300	3	$1,300	
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Corridor, Staff Rooms								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	4%	2-4	$8,400	2038	* *	5	$400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bathroom Window								
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Bathroom Window								
Ceramic Tile	6%			2038	* *	5	$1,100	
Concrete Masonry Unit	10%	0-2	$9,000	LIFE	* *	5	$800	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Stairwell And Basement								
Plaster	30%	0-2	$14,000	LIFE	* *	5	$1,700	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
SGFT/Glazed Masonry	40%			LIFE	* *			

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. 262
Asset # : 13151

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	30%	Now	$40,300	2055	* *	5	$2,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Second Floor Gymnasium, Locker Room And Dormitory								
Worn/Erode, Extent : Severe, Area Affected : 80%								
Location : Second Floor Throughout								
Exposed Struc: Concrete	50%	0-2	$52,100	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement Mechanical Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Gypsum Board	5%	0-2	$600	LIFE	* *	5	$900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Lounge								
Plaster	15%	0-2	$6,400	LIFE	* *	5	$1,300	
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Second Floor Bathroom								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	Now	$800	2070	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Rear Gate								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$1,000	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Overhead Door Apron								
Loose/Delam Surface, Extent : Light, Area Affected : 5%								
Location : Overhead Door Apron								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$3,600	2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Side Yard								

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

FIRE DEPARTMENT - 057
ENGINE CO. 262
Asset # : 13151

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%			2035	$65,000	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$200	
Raceway								
Conduit	100%			2035	$36,800	1		
Panelboards								
Fused Disc Sw	10%			2034	$5,000	5		
Molded Case Bkrs	90%			2034	$44,700	5	$200	
Wiring								
Thermoplastic	100%			2035	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
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								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2055	* *	1	$4,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Brand New Unit								
Distribution								
Hot Wtr Piping/Pump	5%	0-2	$200	2043	* *	4		
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Hot Wtr Piping/Pump	95%			2043	* *	4	$700	

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FIRE DEPARTMENT - 057
ENGINE CO. 262
Asset # : 13151

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	70%			2033	$53,200	1	$2,100	
Unit Heater - Hot Water	30%	Now	$8,300	2045	* *			
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Apparatus Floor								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : 4 Obsolete Units								
Controls								
Electrical	100%	0-2	$1,000	2028	$51,700			
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Thermostats, Various Locations								
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$3,500	2030	$17,600	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 5%								
Location : Second Floor								
No Component	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : 1 Abandoned Exterior Air Conditioner Unit Remains On Roof.								
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$1,600	
No Component	70%							
Exhaust Fans								
Roof	20%	0-2	$3,600	2045	* *	2		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Roof	10%			2040	* *	2		
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$11,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Basement And Apparatus Floor								

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FIRE DEPARTMENT - 057
ENGINE CO. 262
Asset # : 13151

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	90%			LIFE	* *	1		
Cast Iron	10%	Now	$700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Outdoor Pit Drain Near Basement Mechanical Room								
Sump Pump(s)								
Submersible	100%			2028	$300	4	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 6 Units								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 15 Square Feet								

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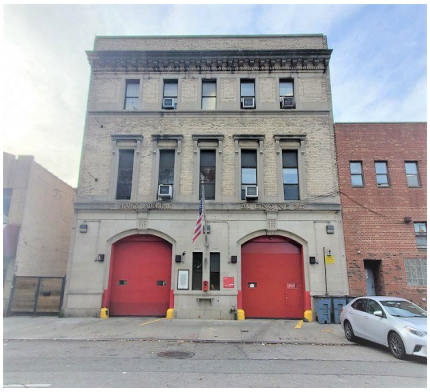
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 263/LADDER CO. 117**		
Address	: **42-06 ASTORIA BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.263 / 13152**	**Yr Built/Renovated**	: **1906 /**
Area Sq Ft	: **4,408**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **17-Nov-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **688** **Lot** : **17**	**BIN**	: **4011565**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$456,000	
Interior Architecture	$253,600	
Electrical		$101,800
Mechanical	$58,100	$56,600
Total	**$767,600**	**$158,500**
Importance Code A	$456,000	
Importance Code B	$311,700	$158,500
Total	**$767,600**	**$158,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$66,700	$7,300		
Interior Architecture	$189,100	$1,500		$500
Electrical	$24,000	$2,900	$400	$300
Mechanical	$42,100	$7,100	$3,200	$37,800
Site Pavements	$100			
Total	**$322,100**	**$18,700**	**$3,500**	**$38,600**
Importance Code A	$70,600	$7,700	$400	$400
Importance Code B	$167,000	$11,000	$3,100	$38,200
Importance Code C	$84,500			
Total	**$322,100**	**$18,700**	**$3,500**	**$38,600**



Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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FIRE DEPARTMENT - 057
ENGINE CO. 263/LADDER CO. 117
Asset # : 13152

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	$224,600	LIFE	* *	5	$27,300	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout Building Facades								
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Throughout, Front Facade Between Second And Third Floor								
Masonry: Granite	3%			LIFE	* *	5	$900	
Masonry: Limestone	15%	Now	$46,000	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Front Facade								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 30%								
Location : Front Facade								
Metal Sect. OHD	12%			2048	* *	5	$14,600	
Windows								
Aluminum	100%	Now	$102,000	2060	* *	5	$1,100	
Condensation Present, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Third Floor And Front Offices								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Throughout Building Facades								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$5,200	
Masonry: Brick	80%	0-2	$68,100	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Parapet								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Exterior Parapet								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Interior Parapet								
Roof								
Modified Bitumen	95%	Now	$61,200	2040	* *			
Alligatoring, Extent : Light, Area Affected : 10%								
Location : Upper Roof								
Blisters, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : At All Penetrations								
Skylight, Metal/Glass	5%	Now	$20,700	2045	* *			1
Corrosion/Rusting, Extent : Severe, Area Affected : 20%								
Location : All Skylights								
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 263/LADDER CO. 117
Asset # : 13152

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	$67,900	LIFE	* *	5	$17,500	
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Ceramic Tile	10%	2-4	$22,500	2038	* *	5	$1,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Ladder Company 117 Bathrooms								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Ladder Company 117 Bathrooms And Showers								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Ladder Company 117 Bathrooms And Showers								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Ladder Company 117 Bathrooms And Showers								
Quarry Tile	10%			2048	* *	5	$3,000	
Vinyl Tile	20%	Now	$11,000	2040	* *	3	$1,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Worn/Erode, Extent : Severe, Area Affected : 20%								
Location : Second Floor								
Wood	20%	Now	$47,600	2050	* *	5	$3,700	
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : Third Floor Gymnasium And Stair Landings								

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FIRE DEPARTMENT - 057
ENGINE CO. 263/LADDER CO. 117
Asset # : 13152

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%	Now	$30,200	2038	* *	5	$1,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Third Floor Bathrooms								
Masonry: Brick	20%	0-2	$20,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Basement								
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 20%								
Location : Basement								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Basement								
Plaster	50%	Now	$33,400	LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Basement Engine Side, Third Floor Rear, Baths And Scuttle To Roof								
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Rear Third Floor Offices								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Various Locations								
Worn/Erode, Extent : Severe, Area Affected : 80%								
Location : Third Floor Around Roof Scuttle								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Scuttle To Roof								
Explanation : Exposed Rebar								
SGFT/Glazed Masonry	20%			LIFE	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 263/LADDER CO. 117
Asset # : 13152

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	$5,000	2040	* *	5	$1,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Second Floor At Lockers, Bathrooms And Kitchen								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Second Floor At Lockers And Bathrooms								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Second Floor At Lockers And Bathrooms								
Embossed Metal	15%	4+	$7,900	LIFE	* *	5	$1,300	
Bent/Warped Elements, Extent : Severe, Area Affected : 10%								
Location : Ground Floor Throughout								
Exposed Struc: Concrete	15%	Now	$89,700	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Basement Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Exposed Struc: Steel	20%	2-4	$95,900	LIFE	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Basement Beams								
Explanation : Fireproof Materials								
Plaster	35%	Now	$10,600	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Third Floor Roof Scuttle Throughout								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Roof Scuttle								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Near Ladder To Roof								
Explanation : Deteriorated Header, Rotten Wood								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	95%			2048	* *			
Cast in Place Concrete	5%	0-2	$100	2048	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front 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								

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FIRE DEPARTMENT - 057
ENGINE CO. 263/LADDER CO. 117
Asset # : 13152

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%			2035	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Raceway								
Conduit	100%			2035	$36,800	1		
Panelboards								
Fused Disc Sw	10%			2034	$5,000	5		
Molded Case Bkrs	90%			2034	$44,700	5	$100	
Wiring								
Braided Cloth	40%	2-4	$13,300	2060	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2035	$13,300	1		
Thermoplastic	20%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5		
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded.								
Stand-by Power								
Transfer Switches								
Automatic	100%			2033	$13,200	1	$1,400	
Generators								
Diesel	100%			2031	$101,800	1	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 80 Kilovolt Amperes.								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$200	
Fuel Storage								
Day Tank	10%			2043	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 60 Gallons Rated Capacity								
Main Tank	90%			2038	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2040	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 263/LADDER CO. 117
Asset # : 13152

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								
LED	20%			2043	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2055	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$3,800	2048	* *	1	$3,900	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Basement. Boiler Constantly Have To Be Flushed And Igniter Reset To Achieve Combustion								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%	Now	$1,800	2045	* *			
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Return Line In Basement								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Supply Line In Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Second Floor								
Explanation : There Is Only One Thermostat In The Building								
Terminal Devices								
Convector/Radiator	100%	Now	$1,800	2033	$36,000	1	$1,300	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Second Floor Engine Company Office								
Controls								
Electrical	100%	0-2	$12,300	2030	$24,500			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout. Defective Temperature Control System.								
Explanation : Inadequate Temperature Control								
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 263/LADDER CO. 117
Asset # : 13152

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	15%	0-2	$4,700	2035	$15,700			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Kitchen And Engine Side. First Floor Back Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Units.								
Window/Wall Unit	40%	0-2	$4,000	2035	$6,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : Second And Third Floors								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Second And Third Floors								
Window/Wall Unit	10%			2030	$1,700	1		
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$500	
No Component	80%							
Exhaust Fans								
Roof	20%			2043	* *	2		
Wall Unit	20%	0-2	$400	2045	* *	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : 2 Extended Life Time And Inefficient Units								
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$5,700	2035	$56,600	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Second Floor. Leaking Riser Piping								
Water Heater With Tanks								
Gas Fired	50%			2030	$8,500	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit. 74 Gallons								
Gas Fired	50%			2033	$8,500	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit. 74 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future 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. 263/LADDER CO. 117
Asset # : 13152

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	30%	Now	$5,000	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Toilets								
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Truck Side Rear Shower Tub, Second Floor Rear Bathroom And Girls Bathroom								
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$100	4	$100	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression System On Hood 4 Feet X 4 Feet Which Equals 16 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **20-Sep-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3**		
Block	: **15926** **Lot** : **44**	**BIN**	: **4302052**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical	$58,100	$226,600
Total	**$58,100**	**$226,600**
Importance Code B	$58,100	$226,600
Total	**$58,100**	**$226,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$86,000		$26,300	
Interior Architecture	$85,700		$1,700	$1,300
Electrical	$2,500	$1,900	$4,600	$1,900
Mechanical	$33,100	$5,000	$4,700	$4,500
Site Enclosure	$26,500			
Site Pavements	$6,600			
Total	**$240,400**	**$6,900**	**$37,300**	**$7,700**
Importance Code A	$86,800	$900	$27,200	$900
Importance Code B	$107,800	$6,100	$10,100	$6,200
Importance Code C	$45,800			$600
Total	**$240,400**	**$6,900**	**$37,300**	**$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.
*** 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		
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	1%			2056	* *	10	$100	
Concrete Masonry Unit	25%			LIFE	* *	5	$13,800	
Exposed Struc: Steel	4%			LIFE	* *	5	$11,000	
Masonry: Brick Cavity	55%			LIFE	* *	5	$48,500	
Metal Sect. OHD	10%			2049	* *	5	$13,800	
Window Wall	5%			2056	* *	5	$8,300	
Windows								
Aluminum	95%			2052	* *	5	$2,900	
Metal Louvers	5%			2045	* *	10	$1,000	
Parapets								
Concrete Masonry Unit	25%			LIFE	* *	5-10	$6,000	
Masonry: Brick	60%			LIFE	* *	5-10	$18,100	
Metal Panel	5%			2056	* *	5	$900	
Metal Rail	10%			2049	* *	5-10	$8,000	
Roof								
Metal Panel	25%			2049	* *	10	$14,600	
Modified Bitumen	50%	Now	$17,400	2041	* *			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Vegetation Growth, Extent : Moderate, Area Affected : 1%								
Location : Roof Drain								
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Over The Second Floor								
Plaza Roof: Stone Panels	25%	0-2	$10,200	2056	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	70%	Now	$32,100	LIFE	* *	5	$41,300	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Mechanical Room								
Ceramic Tile	5%			2045	* *	5	$1,300	
Quarry Tile	5%			2049	* *	5	$2,000	
Vinyl Tile	20%			2041	* *	3	$2,000	

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FIRE DEPARTMENT - 057

ENGINE CO. 265/LADDER CO. 121 / EMS STATION 47

Asset # : 13154

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%			2045	* *	5	$1,200	
Concrete Masonry Unit	30%			LIFE	* *	5	$6,000	
Gypsum Board	45%	Now	$3,100	LIFE	* *	5	$6,700	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Various Locations								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 2nd Floor And Corridors								
Masonry: Brick	5%			LIFE	* *	10	$400	
SGFT/Glazed Masonry	10%			LIFE	* *	10	$1,200	
Wood	5%			LIFE	* *	5	$9,900	
Ceilings								
AcousTileSusp.Lay-In	30%	Now	$2,700	2049	* *	5	$4,000	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 1%								
Location : Various Spots								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Emergency Medical Services Offices								
Exposed Struc: Steel	60%			LIFE	* *	10	$32,300	
Gypsum Board	10%			LIFE	* *	5-10	$9,300	
Site Enclosure								
Fence/Gates								
Chain Link	40%			2056	* *			
Iron Picket	60%	Now	$24,500	2071	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Free Standing Walls								
Concrete Masonry Unit	100%	Now	$2,000	2056	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Along 48th Street								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Masonry Free Standing Wall								
Explanation : Decorative Steel Detailing Above Needs Reanchoring								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2056	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$6,600	2049	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Rear Parking Lot								

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

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%			2039	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : West And North Side								
Explanation : Worn Out Surfaces								
Cast in Place Concrete	20%			2056	* *			
Activity Yard								
Cast in Place Concrete	100%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : East Side								
Explanation : Barbeque 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%			2046	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	* *	5	$100	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	10%			2044	* *	5		
Molded Case Bkrs	90%			2044	* *	5	$400	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$5,500	
Generators								
Diesel	100%			2039	* *	1	$7,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : Emergency Generator Rated At 80 Kilovolt Amperes.								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$700	

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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
Stand-by Power								
Fuel Storage								
Main Tank	100%			2051	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : 60 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2044	* *			
Egress Lighting								
Emergency, Service	50%			2036	$5,500	1		
Exit, LED	50%			2051	* *	1		
Exterior Lighting								
HID	5%			2036	$4,200	10		
LED	10%			2044	* *			
No Component	85%							
Lightning Protection								
Arresters/Cabling								
Generic	100%			2051	* *	5	$300	
Alarm								
Security System								
Generic	100%			2044	* *	1	$6,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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								
Furnace	15%			2041	* *	1	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Rooftop Package Units								
Furnace	25%			2036	$14,000	1	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 4 Rooftop Units								
Hot Water Boiler	60%			2041	* *	1	$5,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Boiler Room								
Explanation : 1 Unit								

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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
Heating								
Distribution								
Hot Wtr Piping/Pump	60%			2044	* *	4	$800	
No Component	40%							
Terminal Devices								
Air Handler	15%			2031	$50,800	1	$1,700	
Convector/Radiator	15%	Now	$4,400	2041	* *	1	$800	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : 5 Units Damaged By Sandy, Various Locations								
Unit Heater - Steam	30%			2036	$30,700	4	$700	
No Component	40%							
Controls								
Electrical	100%			2031	$100,100			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2031	$39,900	1	$1,300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Mechanical Room								
Ext Pkg Unit - Heating/Cooling	25%			2036	$75,600	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Rooftop Package Units On Roof								
Ext Pkg Unit - Heating/Cooling	10%			2041	* *	2	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units. R-410a								
Window/Wall Unit	10%	2-4	$6,800	2036	$6,800	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : 6 Units, Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	40%							
Terminal Devices								
Air Handler/Dir Expansion	20%			2036	$41,400	1		
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2036	$6,300	2	$2,500	
No Component	80%							
Ventilation								

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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. 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
Ventilation								
Distribution								
Ductwork/Diffusers	60%	0-2	$9,500	LIFE	* *	2-5	$6,000	
Needs Cleaning, Extent : Moderate, Area Affected : 50%								
Location : 3rd Floor								
No Component	40%							
Exhaust Fans								
Interior	15%			2036	$12,000	2	$100	
Roof	50%			2036	$17,500	2	$300	
No Component	35%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$4,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor And Kitchen								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2036	$8,000	1	$1,100	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2029	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 10 Square Feet								

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.
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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **31-Aug-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **16127** **Lot** : **1**	**BIN**	: **4439014**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$371,800	
Interior Architecture	$521,800	$200,600
Electrical		$130,000
Mechanical	$124,600	$320,200
Site Pavements	$172,400	
Total	**$1,190,500**	**$650,800**
Importance Code A	$371,800	$65,000
Importance Code B	$448,700	$585,800
Importance Code C	$370,000	
Total	**$1,190,500**	**$650,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$49,500		$3,500	
Interior Architecture	$97,700			$900
Electrical	$3,500	$900	$1,200	$900
Mechanical	$13,600	$4,100	$71,700	$4,100
Site Pavements	$60,100			
Total	**$224,400**	**$5,000**	**$76,400**	**$5,900**
Importance Code A	$50,700	$1,200	$4,800	$1,200
Importance Code B	$107,800	$3,800	$71,600	$4,700
Importance Code C	$65,800			
Total	**$224,400**	**$5,000**	**$76,400**	**$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. 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	25%	Now	$57,200	LIFE	* *	5	$6,900	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 30%								
Location : South Facade								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : East, West And North Sides								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : East, West And North Sides								
Masonry: Granite	5%			LIFE	* *	5	$1,000	
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Underside Of Cornice At Front Facade								
Metal Sect. OHD	8%			2039	* *	5	$6,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Garage Doors								
Explanation : Location Noted								
Metal Coiling Doors	2%			2047	* *	5	$1,700	
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Rear Garage Door								
Stucco Cement	55%	Now	$259,400	2047	* *	5	$19,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Side And Rear Walls								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Side And Rear Facades Into Interior								
Windows								
Aluminum	100%	Now	$14,500	2050	* *	5	$1,500	
Glazing Broken/Cracked, Extent : Light, Area Affected : 1%								
Location : 3rd Floor South Facade								
Hardware Missing, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Stairs								
Weather Strip Missing, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Parapets								
Masonry: Limestone	10%	Now	$900	LIFE	* *	5	$500	
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : Coping Stones								
Metal Panel	35%	Now	$30,700	2054	* *	5	$2,400	1
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Main Roof								
Loose Units, Extent : Severe, Area Affected : 15%								
Location : Main Roof								
Seams Open/Split, Extent : Severe, Area Affected : 30%								
Location : Main Roof								
Stucco Cement	55%			2047	* *	5	$5,100	

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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
Exterior								
Roof								
Modified Bitumen	100%	Now	$55,200	2039	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Roof								
Ponding, Extent : Light, Area Affected : 5%								
Location : Third Floor Roof								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout 2nd And 3rd Floors								
Interior								
Floors								
Cast in Place Concrete	25%	4+	$38,100	LIFE	* *	5	$9,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Basement								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Basement								
Explanation : Exposed Rebars								
Ceramic Tile	10%			2037	* *	5	$1,800	
Poured Epoxy/Resin	20%	2-4	$4,000	2032	$200,600			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Garage Area								
Quarry Tile	5%	4+	$1,300	2039	* *	5	$700	
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Vinyl Tile	40%	Now	$79,100	2039	* *	3	$2,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Dining Area								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Worn/Erode, Extent : Severe, Area Affected : 75%								
Location : Throughout								

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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								
Interior Walls								
Ceramic Tile	10%	Now	$13,500	2047	* *	5	$1,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Kitchen And Toilets								
Masonry: Brick	5%	4+	$11,700	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Basement								
Plaster	55%	Now	$197,600	LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Paint Peeling, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Throughout								
SGFT/Glazed Masonry	30%	Now	$13,300	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Garage Area								
Worn/Erode, Extent : Severe, Area Affected : 15%								
Location : Garage Area								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$14,900	2054	* *	5	$400	
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Staining/Discoloring, Extent : Severe, Area Affected : 50%								
Location : Kitchen								
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Metal Panel	5%			LIFE	* *	5	$1,100	
Plaster	90%	Now	$245,000	LIFE	* *	5	$10,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : 2nd And 3rd Floor								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2054	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$32,800	2054	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Disota Road								

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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
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$27,300	2054	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Side Yard								
Parking/Driveway								
Asphalt	70%	Now	$108,700	2049	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Rear Parking Area								
Cast in Place Concrete	30%	Now	$63,700	2054	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 90%								
Location : Rear Parking 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								
Molded Case Bkrs	100%			2034	$65,000	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor								
Explanation : Approximately 250 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	$65,000	5	$300	
Raceway								
Conduit	60%			2034	$22,100	1		
Conduit	40%			2054	* *	1		
Panelboards								
Molded Case Bkrs	50%			2050	* *	5	$200	
Molded Case Bkrs	50%			2033	$24,800	5	$200	
Wiring								
Thermoplastic	40%			2054	* *	1		
Thermoplastic	60%			2034	$20,000	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$3,700	
Generators								
Diesel	100%			2037	* *	1	$4,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Backyard								
Explanation : 80 Kilovolt ampere Nameplate Rating Capacity								

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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
Stand-by Power								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$400	
Fuel Storage								
Main Tank	100%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Backyard								
Explanation : 60 Gallons Nameplate Rating Capacity								
Lighting								
Interior Lighting								
LED	100%			2039	* *			
Exterior Lighting								
HID	19%			2034	$10,600	10		
LED	1%			2042	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$11,800	
Distribution								
Steam Piping/Pump	10%			2054	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Captain Office								
Explanation : There Is Only One Thermostat In The Building								
Steam Piping/Pump	90%			2034	$86,200			
Terminal Devices								
Convector/Radiator	100%			2032	$97,800	1	$3,900	
Abandoned in Place, Extent : Light, Area Affected : 10%								
Location : Radiators By Front Doors On 1st Floor								
Controls								
Electrical	100%			2029	$66,500			
Air Conditioning								
Energy Source								
Electricity	80%			2042	* *	1		
No Component	20%							
Conversion Equipment								
Split Unit	5%			2034	$14,200			
Window/Wall Unit	75%			2029	$34,000	1		
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Lunch Room								
Explanation : Too Hot In Lunch Room, One More Unit Needed.								
No Component	20%							

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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
Air Conditioning								
Dehumidifier								
No Component	75%							
Generic	25%			2035	$136,200			
Ventilation								
Exhaust Fans								
Roof	10%			2029	$2,300	2		
Wall Unit	25%	Now	$1,300	2044	* *	2	$100	
Broken, Extent : Severe, Area Affected : 100%								
Location : 1st Floor								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor And Kitchen								
Explanation : 3 Old Units								
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Not Insulated, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater With Tanks								
Electric	20%	Now	$200	2032	$9,500	4		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : Solar Heater Malfunctioning								
Gas Fired	80%			2029	$27,300	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	0-2	$7,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor East Side Of The Building								
Broken, Extent : Severe, Area Affected : 10%								
Location : 3rd Floor Bathroom								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$400	4	$400	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Restroom								
Fire Suppression								
Chemical System								
Generic	100%			2029	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 15 Square Foot Hood								

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

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **16-Mar-2023**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3281** **Lot** : **22**	**BIN**	: **3074885**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$571,500	
Interior Architecture	$1,575,500	$156,200
Mechanical	$143,500	$220,600
Total	**$2,290,500**	**$376,800**
Importance Code A	$571,500	
Importance Code B	$1,719,000	$376,800
Total	**$2,290,500**	**$376,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$137,900		$1,300	
Interior Architecture	$113,600		$600	$600
Electrical	$1,400	$4,300	$1,600	$1,600
Mechanical	$29,800	$4,100	$10,600	$4,100
Site Enclosure	$4,500			
Site Pavements	$4,700			
Total	**$291,800**	**$8,500**	**$14,100**	**$6,300**
Importance Code A	$139,100	$1,200	$2,500	$1,200
Importance Code B	$57,600	$7,200	$11,600	$5,100
Importance Code C	$95,200			
Total	**$291,800**	**$8,500**	**$14,100**	**$6,300**

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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								
Exterior Walls								
Masonry: Brick	67%	Now	$374,800	LIFE	* *	5	$20,800	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Around Windows								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Granite	5%	2-4	$13,400	LIFE	* *	5	$1,200	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Front Facade At Grade Level								
Masonry: Limestone	15%			LIFE	* *	5	$3,500	
Metal Panel	3%	Now	$67,600	2064	* *	5	$1,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Hose Tower								
Deformed/Dented, Extent : Moderate, Area Affected : 100%								
Location : Hose Tower								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Hose Tower								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Hose Tower								
Metal Sect. OHD	5%			2051	* *	5	$4,800	
Stucco Cement	5%	Now	$19,200	2039	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Front Facade At Roof And Parapet Level								
Windows								
Aluminum	100%	Now	$22,200	2042	* *	5	$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 20%								
Location : 3rd Floor								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Toilet Room Third Floor								

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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								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$2,200	
Masonry: Brick	80%	Now	$42,500	LIFE	* *	5	$1,500	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Front Facade On West Parapet								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 35%								
Location : Front Facade, West Parapet								
Spalling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Pre-cast Concrete	5%	Now	$1,700	LIFE	* *	5	$600	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Located At Front Facade.								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Located At Front Facade.								
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Located At Front Facade.								
Roof								
Built-Up (BUR)	80%	Now	$129,100	2044	* *			
Blisters, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 3rd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : Roof								
Modified Bitumen	10%			2039	* *	10	$1,300	
Skylight, Metal/Glass	10%	Now	$38,900	2044	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Main Roof And Stair Bulkhead								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor								
Soffits								
Wood	100%			2039	* *	5		
Interior								

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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
Interior								
Floors								
Cast in Place Concrete	45%	Now	$721,600	LIFE	* *	5	$16,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor And Basement.								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Temporary Support Columns Support Apparatus Floor								
Ceramic Tile	5%	Now	$2,700	2037	* *	5	$400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 2nd Floor Laundry Room And Bathroom								
Quarry Tile	5%			2039	* *	5	$1,300	
Vinyl Tile	30%	Now	$62,500	2034	$156,200	3	$1,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd And 3rd Floors								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : 2nd And 3rd Floors								
Wood	15%	Now	$16,900	2037	* *	5	$2,400	
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : 3rd Floor								
Interior Walls								
Ceramic Tile	5%	Now	$3,600	2037	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Apparatus Room And Stair								
Gypsum Board	10%			LIFE	* *	5	$1,400	
Masonry: Brick	20%	Now	$49,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement Foundation Wall								
Granite Panels	1%			LIFE	* *			
Plaster	34%	Now	$21,400	LIFE	* *	5	$2,400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 2nd Floor Bunk Room And Bathroom								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Around Windows								
SGFT/Glazed Masonry	25%	Now	$11,600	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Apparatus Floor								
Wood	5%			LIFE	* *	5	$4,700	

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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
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%	Now	$600	2039	* *	5	$900	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : 1st And 2nd Floors								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : 1st And 2nd Floors								
Embossed Metal	35%	Now	$4,000	LIFE	* *	5	$2,700	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout 1st Floor								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Exposed Struc: Concrete	20%	Now	$565,000	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 20%								
Location : Throughout Basement And Beams Exposed								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout Basement								
Explanation : Temporary Support Columns Installed								
Exposed Struc: Steel	5%	Now	$226,500	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout Basement								
Explanation : Temporary Support Columns Installed								
Plaster	30%	Now	$3,400	LIFE	* *	5	$3,200	
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.								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$600	2044	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gate Hinge								
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Side Yard								
Free Standing Walls								
Concrete Masonry Unit	100%	Now	$3,900	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Property Line								
Retaining Walls								
Cast in Place Concrete	100%			2054	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			

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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. 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
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Asphalt	90%	Now	$4,700	2037	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Driveway								
Potholes, Extent : Light, Area Affected : 5%								
Location : Driveway								
Cast in Place Concrete	10%			2047	* *			

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	
Switchgear / Switchboard								
Molded Case Bkrs	100%			2054	* *	5	$300	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Fused Disc Sw	10%			2050	* *	5		
Molded Case Bkrs	90%			2050	* *	5	$300	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2032	$20,000	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$4,000	
Generators								
Diesel	100%			2043	* *	1	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Yard								
Explanation : 75 Kilovolt Amperes, 60 Kilowatt								
Batteries								
Lead/Acid	100%			2028	$2,700	5	$500	

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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
Stand-by Power								
Fuel Storage								
Day Tank	50%			2050	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : 130 Gallon								
Main Tank	50%			2062	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallon								
Lighting								
Interior Lighting								
LED	100%			2042	* *			
Egress Lighting								
Emergency, Service	100%			2042	* *	1		
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2042	* *	1	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Only								
Explanation : Cameras Security 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								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Furnace	10%			2034	$4,500	1	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Gasoline Fired Modine Heater								
Steam Boiler	90%			2039	* *	1	$11,700	
Distribution								
Steam Piping/Pump	10%	0-2	$600	2034	$11,500			
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Steam Piping/Pump	90%			2034	$103,500			
Terminal Devices								
Convector/Radiator	90%	Now	$2,100	2032	$105,700	1	$3,400	
Controller Not Working, Extent : Moderate, Area Affected : 20%								
Location : Radiator Controls Are Not Working, Various Locations								
No Component	10%							

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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
Heating								
Controls								
Electrical	100%			2027	$79,800			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : There Is Only One Temperature Controller For Both Side Of The Building. More Zone Controllers Needed.								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	Now	$16,300	2032	$32,600	1		
Not Energy Efficient, Extent : Severe, Area Affected : 80%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Various Locations								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$700	
No Component	90%							
Exhaust Fans								
Interior	10%	Now	$600	2029	$6,400	2		
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : One Unit, 2nd Floor Captains Bathroom								
Roof	10%			2034	$2,800	2		
Wall Unit	15%	0-2	$900	2044	* *	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : One Extended Life Time Wall Unit								
No Component	65%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Most The Bathrooms Have No Exhaust Fan.								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$37,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	10%	Now	$900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Bathroom Of Chiefs Office.								
Cast Iron	90%			LIFE	* *	1		

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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								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$400	4	$400	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2027	$63,700	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 20 Square Feet								

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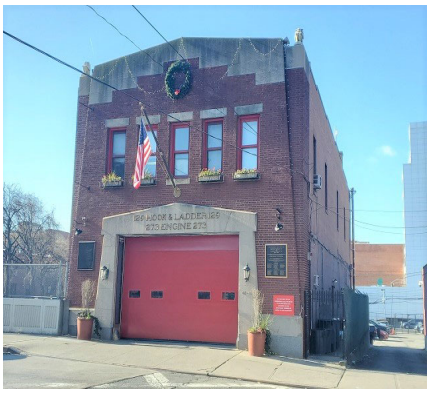
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 273/LADDER CO. 129**		
Address	: **40-18 UNION STREET @ LIRR**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.273 / 13159**	**Yr Built/Renovated**	: **1931 / 2011**
Area Sq Ft	: **5,508**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **03-Jan-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5019** **Lot** : **66**	**BIN**	: **4113561**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$86,500	
Interior Architecture	$138,800	
Electrical		$52,000
Mechanical	$58,100	
Total	**$283,400**	**$52,000**
Importance Code A	$86,500	
Importance Code B	$196,900	$52,000
Total	**$283,400**	**$52,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$33,900			$12,700
Interior Architecture	$8,400	$900	$400	
Electrical				$2,700
Mechanical	$18,000	$40,900	$3,500	$7,400
Site Enclosure	$10,000			
Site Pavements	$9,400			
Total	**$79,700**	**$41,800**	**$4,000**	**$22,800**
Importance Code A	$34,500	$500	$500	$13,300
Importance Code B	$35,800	$41,300	$3,200	$9,500
Importance Code C	$9,400		$200	
Total	**$79,700**	**$41,800**	**$4,000**	**$22,800**



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FIRE DEPARTMENT - 057
ENGINE CO. 273/LADDER CO. 129
Asset # : 13159

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%	2-4	$12,800	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Along Railroad								
Cast in Place Concrete	4%			LIFE	* *	5	$3,600	
Masonry: Brick	74%			LIFE	* *	5	$13,200	
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : Right Side And Rear Elevations								
Masonry: Granite	1%			LIFE	* *	5	$100	
Masonry: Limestone	9%	4+	$12,700	LIFE	* *	5	$1,200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Around Overhead Door								
Wood Overhead Doors	9%			2040	* *	5	$8,000	
Windows								
Aluminum	100%	Now	$86,500	2060	* *	5	$900	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 100%								
Location : All Building Facades								
Parapets								
Masonry: Brick	75%	2-4	$4,300	LIFE	* *	5	$1,700	
Efflorescence, Extent : Light, Area Affected : 50%								
Location : Throughout Parapet								
Other Observation, Extent : N/A, Area Affected : 30%								
Location : Front And Left Side Parapets								
Explanation : Steel Diagonal Bracing And Pitch Pockets								
Masonry: Limestone	15%	2-4	$4,200	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Parapet Coping Along Railroad								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : Along Union Street								
Pre-cast Concrete	10%			LIFE	* *	5	$1,400	
Roof								
Modified Bitumen	100%			2040	* *	10	$8,700	
Ponding, Extent : Light, Area Affected : 5%								
Location : Roof By HVAC Unit								
Interior								
Floors								
Cast in Place Concrete	60%	2-4	$8,400	LIFE	* *	5	$10,800	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Ceramic Tile	5%			2044	* *	5	$400	
Quarry Tile	5%			2048	* *	5	$600	
Vinyl Tile	30%			2043	* *	3	$900	

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FIRE DEPARTMENT - 057
ENGINE CO. 273/LADDER CO. 129
Asset # : 13159

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	4%			2044	* *	5	$500	
Gypsum Board	15%			LIFE	* *	5	$1,100	
Masonry: Brick	14%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$1,600	
SGFT/Glazed Masonry	20%			LIFE	* *			
Wood	2%			LIFE	* *	5	$900	
Ceilings								
AcousTileSusp.Lay-In	5%			2048	* *	5	$500	
Exposed Struc: Concrete	50%	Now	$138,800	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Lally Columns In Basement Shore Up Apparatus Floor Above.								
Plaster	45%			LIFE	* *	5	$2,600	
Site Enclosure								
Fence/Gates								
Chain Link	60%			2055	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Right Side Of Property								
Explanation : Painted Fencing								
Wood	40%			2036	$22,000			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard								
Explanation : This Is At Barbeque Area.								
Retaining Walls								
Cast in Place Concrete	100%	2-4	$10,000	2070	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Right Side Of Property								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			
Parking/Driveway								
Cast in Place Concrete	100%	2-4	$9,400	2048	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : At Overhead Door Threshold								
Activity Yard								
Cast in Place Concrete	100%			2048	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard								
Explanation : Raised Wood Deck For Barbeque Area, Below Is Concrete Floor As Staging Area								

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FIRE DEPARTMENT - 057
ENGINE CO. 273/LADDER CO. 129
Asset # : 13159

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%		2045	* *	5		
	Other Observation, Extent : N/A, Area Affected : 100%						
	Location : Basement						
	Explanation : Main Service Disconnect Switch Rated At 400 Amperes.						
Switchgear / Switchboard							
Fused Disc Sw	20%		2045	* *	5		
Fused Disc Sw	80%		2035	$52,000	5		
Raceway							
Conduit	50%		2035	$18,400	1		
Conduit	40%		2045	* *	1		
Conduit	10%		2055	* *	1		
Panelboards							
Fused Disc Sw	10%		2034	$5,000	5		
Molded Case Bkrs	30%		2034	$14,900	5		
Molded Case Bkrs	50%		2043	* *	5	$100	
Molded Case Bkrs	10%		2051	* *	5		
Wiring							
Thermoplastic	50%		2035	$16,600	1		
Thermoplastic	40%		2045	* *	1		
Thermoplastic	10%		2055	* *	1		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	$100	
Lighting							
Interior Lighting							
Fluorescent	45%		2035	$21,500	10	$2,300	
	Other Observation, Extent : N/A, Area Affected : 100%						
	Location : First Floor						
	Explanation : T-8 Lamps						
Fluorescent	5%		2030	$2,400	10	$300	
	Other Observation, Extent : N/A, Area Affected : 100%						
	Location : Basement						
	Explanation : T-12 Lamps						
LED	50%		2040	* *			
Egress Lighting							
Exit, LED	100%		2063	* *	1		
Exterior Lighting							
HID	25%		2035	$6,400	10		
LED	5%		2040	* *			
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

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Estimates are rounded to the nearest hundred dollars.
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FIRE DEPARTMENT - 057
ENGINE CO. 273/LADDER CO. 129
Asset # : 13159

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%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$5,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2035	$44,100			
Terminal Devices								
Convector/Radiator	100%			2033	$45,000	1	$1,800	
Controls								
Electrical	100%			2028	$30,600			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	40%			2035	$24,200	2	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units. R-410a Refrigerant								
Window/Wall Unit	20%			2030	$4,200	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$1,500	
No Component	50%							
Exhaust Fans								
Roof	50%			2035	$5,300	2	$100	
Wall Unit	15%			2035	$400	2		
No Component	35%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%	Now	$10,200	2035	$34,200	2		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Defective Units								
Sanitary Piping								
Cast Iron	100%	Now	$1,400	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Water Backs Up In Basement								

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FIRE DEPARTMENT - 057
ENGINE CO. 273/LADDER CO. 129
Asset # : 13159

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)								
Submersible	100%	Now	$3,100	2028	$3,100	4	$100	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Basement								
Explanation : Water Leaks Down To Basement From Access Door When It Rains. Additional Sump Pump Needed.								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 15 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 274**		
Address	: **41-20 MURRAY STREET @ LIRR**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.274 / 13160**	**Yr Built/Renovated**	: **1940 /**
Area Sq Ft	: **6,204**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **26-Apr-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5058** **Lot** : **37**	**BIN**	: **4114925**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$102,000	
Mechanical		$58,100
Total	**$102,000**	**$58,100**
Importance Code A	$102,000	
Importance Code B		$58,100
Total	**$102,000**	**$58,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$53,100			
Interior Architecture	$86,300	$800	$300	$800
Electrical	$11,100	$3,300	$700	$800
Mechanical	$14,300	$3,600	$3,400	$47,200
Site Enclosure	$300			
Site Pavements	$29,100			
Total	**$194,200**	**$7,700**	**$4,400**	**$48,800**
Importance Code A	$53,700	$600	$600	$600
Importance Code B	$105,500	$7,100	$3,700	$48,200
Importance Code C	$35,000		$100	
Total	**$194,200**	**$7,700**	**$4,400**	**$48,800**

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

FIRE DEPARTMENT - 057
ENGINE CO. 274
Asset # : 13160

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	$102,000	LIFE	* *	5	$12,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : All Facades, Various Locations								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : All Facades, Various Locations								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : South Facade								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : South Facade								
Other Observation, Extent : N/A, Area Affected : 1%								
Location : South Facade								
Explanation : Crack Monitoring Installed								
Masonry: Granite	5%			LIFE	* *	5	$600	
Masonry: Limestone	10%	0-2	$26,000	LIFE	* *	5	$1,200	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Metal Sect. OHD	10%			2052	* *	5	$5,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Front Overhead Door								
Windows								
Aluminum	100%	Now	$19,700	2060	* *	5	$200	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Second Floor All Facades								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 25%								
Location : Various Locations								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Explanation : Rotted Wood Frame								
Roof								
Asphalt Shingle	100%	Now	$4,800	2044	* *			
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 10%								
Location : Upper Gutters								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Hose Tower								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Locker Area								
Soffits								
Wood	100%			2040	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Eave								
Explanation : Exposed Wood Structure At Eave								
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. 274
Asset # : 13160

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	55%			LIFE	* *	5	$11,400	
Ceramic Tile	5%			2044	* *	5	$500	
Quarry Tile	5%			2048	* *	5	$700	
Vinyl Tile	30%	Now	$23,600	2040	* *	3	$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout 2nd Floor								
Wood	5%			2063	* *	5	$900	
Interior Walls								
Ceramic Tile	5%			2044	* *	5	$100	
Plaster	70%	Now	$4,400	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Hose Tower								
Paint Peeling, Extent : Severe, Area Affected : 85%								
Location : Hose Tower								
Other Observation, Extent : N/A, Area Affected : 1%								
Location : Stairwell								
Explanation : Crack Monitors Installed In Stairwell								
SGFT/Glazed Masonry	25%	0-2	$1,200	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Apparatus Floor								
Ceilings								
AcousTileSusp.Lay-In	10%			2040	* *	5	$900	
Exposed Struc: Concrete	30%			LIFE	* *	5	$400	
Exposed Struc: Steel	20%	2-4	$45,600	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Basement Metal Decking								
Plaster	40%	Now	$11,500	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Second Floor, Hose Tower And Apparatus Floor								
Paint Peeling, Extent : Severe, Area Affected : 25%								
Location : Second Floor And Hose Tower								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Locker, Corridor On 2nd Floor								
Site Enclosure								

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
ENGINE CO. 274
Asset # : 13160

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	60%	Now	$300	2055	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Backyard								
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Railroad Side And Backyard								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Railroad Side								
Explanation : Chain Link Fence Leaning								
Wood	40%			2039	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : South Side								
Explanation : Wooden Fence, With Depressed Ground Elevation As Hazardous								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$29,100	2048	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Backyard								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Backyard								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Railroad Side								
Activity Yard								
Cast in Place Concrete	100%			2048	* *			
Other Observation, Extent : N/A, Area Affected : 60%								
Location : Rear Yard								
Explanation : Independent Structure Wooden Gazebo								

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%			2045	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	5	$200	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Molded Case Bkrs	100%			2043	* *	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. 274
Asset # : 13160

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%			2045	* *	1		
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$100	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement								
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$1,900	
Generators								
Diesel	100%			2038	* *	1	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 80 Kilovolt Amperes.								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2050	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : 60 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	70%			2035	$37,700	10	$4,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement, 1st Floor								
Explanation : T-8 Lamps								
LED	30%			2035	$23,000			
Egress Lighting								
Emergency, Service	100%			2035	$3,800	1		
Exterior Lighting								
LED	10%			2043	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2035	$11,600	1	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front And Right Side Of The Building								
Explanation : CCTV Surveillance Cameras								

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.
Maintenance $ are aggregated over a ten-year period. 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. 274
Asset # : 13160

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%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2040	* *	1	$6,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	10%	0-2	$500	2045	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Front Office								
Explanation : 2nd Floor Is Too Cold.								
Steam Piping/Pump	90%			2045	* *			
Terminal Devices								
Convector/Radiator	100%			2040	* *	1	$2,000	
Controls								
Electrical	100%			2030	$34,500			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	0-2	$3,800	2030	$9,400	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$300	
No Component	90%							
Exhaust Fans								
Wall Unit	20%	Now	$500	2045	* *	2		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Noisy And Vibrate								
Wall Unit	40%	Now	$1,100	2035	$1,100	2	$100	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : All 3 Units For 2nd Floor Bathrooms								
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	30%	Now	$500	2045	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Brass/Copper	70%			2045	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 274
Asset # : 13160

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 With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	20%	Now	$4,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement And Apparatus Floor								
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Basement								
Explanation : Water Flooding In Front Side Of Basement Due To No Drainage								
Cast Iron	80%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2034	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 275/LADDER CO. 133**		
Address	: **111-36 MERRICK BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.275 / 13161**	**Yr Built/Renovated**	: **1960 / 2009**
Area Sq Ft	: **6,306**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **22-Dec-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **10208** **Lot** : **45**	**BIN**	: **4217371**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$99,400
Interior Architecture		$25,100
Mechanical		$54,300
Total		**$178,700**
Importance Code A		$99,400
Importance Code B		$79,300
Total		**$178,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$71,400	$2,200		$3,600
Interior Architecture	$83,300	$1,800		$100
Electrical	$700	$700	$3,300	$800
Mechanical	$10,900	$22,100	$3,000	$3,000
Site Pavements	$5,000			
Total	**$171,300**	**$26,700**	**$6,300**	**$7,500**
Importance Code A	$71,700	$2,500	$300	$3,900
Importance Code B	$63,300	$23,900	$6,000	$3,500
Importance Code C	$36,300	$300		
Total	**$171,300**	**$26,700**	**$6,300**	**$7,500**

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

FIRE DEPARTMENT - 057
ENGINE CO. 275/LADDER CO. 133
Asset # : 13161

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	$14,700	
Window Wall	10%			2055	* *	5	$6,500	
Wood Overhead Doors	5%			2048	* *	5	$4,300	
Windows								
Aluminum	100%			2051	* *	5	$400	
Parapets								
Masonry: Brick	90%	Now	$21,700	LIFE	* *	5	$1,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Hose Tower Structure								
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Main Roof								
Explanation : Low Rise Parapet								
Metal Panel	10%			2055	* *	5	$700	
Roof								
Built-Up (BUR)	100%	Now	$49,700	2035	$99,400			1
Alligatoring, Extent : Severe, Area Affected : 65%								
Location : Various Locations Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Base Flashing At Stair, Hose Tower								
Ponding, Extent : Severe, Area Affected : 25%								
Location : Various Locations And Bulkhead Roof								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : At Hose Tower Roof								
Interior								
Floors								
Cast in Place Concrete	30%	Now	$11,600	LIFE	* *	5	$6,000	
Spalling, Extent : Severe, Area Affected : 50%								
Location : Main Apparatus Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	15%			2038	* *	5	$1,400	
Granite Panels	15%			LIFE	* *	5	$1,000	
Vinyl Tile	30%			2040	* *	3	$1,000	
Vinyl Tile	10%	Now	$500	2035	$25,100	3	$300	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Second Floor Bunker Room, Lockers, Weight 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
ENGINE CO. 275/LADDER CO. 133
Asset # : 13161

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								
Cast in Place Concrete	10%	4+	$8,800	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Cellar								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Multiple Locations In The Basement								
Ceramic Tile	10%			2038	* *	5	$600	
Concrete Masonry Unit	5%			LIFE	* *	5	$100	
Gypsum Board	10%			LIFE	* *	5	$300	
Plaster	40%	Now	$22,500	LIFE	* *	5	$700	
Diagonal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout								
Spalling, Extent : Severe, Area Affected : 20%								
Location : Hose, Stair Tower And Basement Stairs								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Hose, Stair Tower And Basement								
SGFT/Glazed Masonry	20%			LIFE	* *			
Wood	5%			LIFE	* *	5	$1,200	
Ceilings								
AcousTileSusp.Lay-In	10%			2048	* *	5	$900	
Exposed Struc: Concrete	10%	Now	$6,800	LIFE	* *	5	$100	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Stair And Hose Tower								
Exposed Reinforcement, Extent : Severe, Area Affected : 20%								
Location : Stair And Hose Tower, Basement Boiler Room								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Stair And Hose Tower								
Plaster	60%			LIFE	* *	5	$3,400	
Plaster	20%	Now	$33,100	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Various Locations And Hose Tower								
Worn/Erode, Extent : Severe, Area Affected : 60%								
Location : Hose Tower								
Site Enclosure								
Fence/Gates								
Aluminum Rail	20%			2040	* *	5-10		
Other Observation, Extent : Light, Area Affected : 5%								
Location : On Roof								
Explanation : Aluminum Guard Railing								
Chain Link	80%			2055	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			

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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. 275/LADDER CO. 133
Asset # : 13161

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%	4+	$5,000	2048	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Parking 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%			2055	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$200	
Raceway								
Conduit	30%			2035	$11,000	1		
Conduit	70%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2051	* *	5		
Molded Case Bkrs	10%			2034	$5,000	5		
Molded Case Bkrs	85%			2051	* *	5	$100	
Wiring								
Thermoplastic	70%			2055	* *	1		
Thermoplastic	30%			2035	$10,000	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$1,900	
Generators								
Diesel	100%			2044	* *	1	$2,400	
Batteries								
Lead/Acid	100%			2029	$2,500	5	$200	
Fuel Storage								
Day Tank	20%			2051	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Outsdie								
Explanation : 127 Gallons Rated Capacity								
Main Tank	80%			2038	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Rated Capacity								
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. 275/LADDER CO. 133
Asset # : 13161

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								
LED	100%			2043	* *			
Egress Lighting								
Emergency, Service	100%			2043	* *	1		
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parking Lot								
Explanation : CCTV Surveillance Camera								

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%			2055	* *	1		
Other Observation, Extent : Light, Area Affected : 5%								
Location : First Floor Television Room								
Explanation : Hard Wired Electric Heater Serving Television Room								
Natural Gas	95%			2055	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	$500	
Terminal Devices								
Convector/Radiator	80%			2040	* *	1	$1,600	
Unit Heater - Hot Water	20%			2040	* *			
Controls								
Electrical	100%			2033	$35,100			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	20%	0-2	$3,000	2035	$29,900			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Unit Is Not Reliable. Constantly Breaking Down								
Window/Wall Unit	80%			2028	$19,100	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. 275/LADDER CO. 133
Asset # : 13161

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%			2035	$5,600	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Apparatus Room								
Explanation : Blower Fan								
Roof	80%			2035	$9,800	2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Two Bathroom Ventilation Units								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2048	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 50 Gallons. Nameplate Incorrectly Reads 75 Gallons.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$4,400	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : First Floor								
Explanation : Occassional Flooding And Sewage Backup At First Floor Due To Ground Water Infiltration								
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Simplex Pump								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	100%			2033	$54,300	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression System On Kitchen Hood 4 Feet X 5 Feet Which Equals 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **08-Dec-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6777** **Lot** : **64**	**BIN**	: **3182420**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$263,400
Mechanical	$72,300	$53,200
Total	**$72,300**	**$316,500**
Importance Code B	$72,300	$316,500
Total	**$72,300**	**$316,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$25,000	$1,000		$13,100
Interior Architecture	$96,000	$500		$2,100
Electrical	$1,400	$4,300	$1,400	$26,000
Mechanical	$11,200	$3,100	$2,100	$26,700
Site Pavements	$2,000			
Total	**$135,600**	**$8,800**	**$3,500**	**$67,800**
Importance Code A	$26,300	$2,300	$1,300	$14,400
Importance Code B	$83,900	$6,500	$2,200	$53,400
Importance Code C	$25,400			
Total	**$135,600**	**$8,800**	**$3,500**	**$67,800**

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. 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	$13,500	LIFE	* *	5	$8,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Front Facade At Door								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Masonry: Granite	3%	4+	$5,000	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Limestone	3%	4+	$2,500	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Metal Panel	7%			2045	* *	5-10	$5,100	
Metal Sect. OHD	10%	4+	$1,900	2048	* *	5	$1,700	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Bottom Panel Over Head Door								
Windows								
Aluminum	100%	Now	$1,900	2051	* *	5	$1,000	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Third Floor								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$1,000	
Masonry: Limestone	30%			LIFE	* *	5	$600	
Metal Cornice	10%			2063	* *	10	$500	
Roof								
Asphalt Shingle	10%			2044	* *	10	$200	
Metal Panel	5%			2048	* *	10	$1,000	
Modified Bitumen	85%			2040	* *	10	$9,400	
Soffits								
Metal Panel	100%			2055	* *	5-10	$8,400	
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. 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								
Floors								
Cast in Place Concrete	40%	Now	$13,200	LIFE	* *	5	$17,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	3%	2-4	$700	2044	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Bathrooms								
Mosaic Tile	3%	Now	$2,700	2040	* *	5	$700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Third Floor Shower								
Vinyl Tile	49%	Now	$26,300	2035	$263,400	3	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Third Floor								
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Second And Third Floor								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	5%			2050	* *	5	$1,800	
Interior Walls								
Ceramic Tile	40%	Now	$6,500	2038	* *	5	$3,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Bathrooms								
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Concrete Masonry Unit	5%	0-2	$1,400	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Masonry: Brick	10%	0-2	$14,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Plaster	45%	Now	$3,300	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Second And Third Floors And Roof Hatch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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								
Ceilings								
AcousTileSusp.Lay-In	5%			2048	* *	5	$1,000	
Ceramic Tile	30%	2-4	$9,900	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor Ceiling								
Exposed Struc: Steel	35%			LIFE	* *			
Plaster	30%	Now	$17,800	LIFE	* *	5	$3,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Second Floor Bunk Room								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Third Floor								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Second And Third Floor								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Second Floor Bunk Room								
Explanation : Exposed Structural Steel								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$2,000	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Sidewalk								
On-Site Walkways								
Cast in Place Concrete	100%			2040	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2040	* *			

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%			2061	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$300	
Raceway								
Conduit	90%			2045	* *	1		
Conduit	10%			2061	* *	1		
Panelboards								
Fused Disc Sw	10%			2057	* *	5		
Molded Case Bkrs	80%			2043	* *	5	$300	
Molded Case Bkrs	10%			2057	* *	5		

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
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
Under 600 Volts								
Wiring								
Thermoplastic	80%			2035	$26,600	1		
Thermoplastic	10%			2045	* *	1		
Thermoplastic	10%			2061	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$4,000	
Generators								
Diesel	100%			2038	* *	1	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 80 Kilovolt Amperes.								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$500	
Fuel Storage								
Day Tank	30%			2043	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 75 Gallons Rated Capacity								
Main Tank	70%			2050	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Egress Lighting								
Emergency, Service	100%			2043	* *	1		
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2030	$24,400	1	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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. 276
Asset # : 13162

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%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2040	* *	1	$12,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2045	* *			
Terminal Devices								
Convector/Radiator	50%			2033	$53,200	1	$2,100	
Convector/Radiator	25%			2048	* *	1	$1,100	
Unit Heater - Steam	25%			2030	$18,500	4	$300	
Controls								
Electrical	100%			2030	$72,300			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	65%			2040	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 4 Units. R-410a								
Window/Wall Unit	5%			2030	$2,500	1		
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	65%			2040	* *	1	$2,700	
No Component	35%							
Heat Rejection								
Evaporative Condenser	65%			2040	* *	2	$5,900	
No Component	35%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,400	
No Component	80%							

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

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

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%			2040	* *	2		
Roof	10%	0-2	$500	2030	$2,500	2		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Roof	10%	Now	$2,500	2045	* *	2		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Explanation : The Kitchen Exhaust Was Broken And Removed. Reinstallation Needed.								
Wall Unit	25%	0-2	$800	2035	$1,400	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : 2 Inefficient Units								
No Component	45%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units, 74 Gallons Each								
Sanitary Piping								
Cast Iron	10%	Now	$4,900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 15%								
Location : Third Floor Shower Tub								
Corroded, Extent : Severe, Area Affected : 10%								
Location : Basement								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$400	4	$400	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 20%								
Location : Third Floor Bathroom								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **17-Apr-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3343** **Lot** : **29**	**BIN**	: **3076461**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$78,100	$140,000
Mechanical		$278,100
Total	**$78,100**	**$418,100**
Importance Code A	$78,100	$140,000
Importance Code B		$278,100
Total	**$78,100**	**$418,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$63,500		$8,000	
Interior Architecture	$137,100		$1,000	$800
Electrical	$18,700	$2,600	$2,600	$5,300
Mechanical	$75,700	$4,900	$8,200	$4,500
Site Pavements	$200			
Total	**$295,200**	**$7,500**	**$19,900**	**$10,700**
Importance Code A	$64,300	$800	$8,800	$800
Importance Code B	$191,800	$6,700	$11,100	$9,100
Importance Code C	$39,100			$800
Total	**$295,200**	**$7,500**	**$19,900**	**$10,700**

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. 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								
Cast in Place Concrete	3%			LIFE	* *	5	$19,300	
Glass Block	2%			LIFE	* *	5	$1,600	
Metal/Glass Curt Wall	18%			LIFE	* *	5	$43,400	
Glazing Clouded, Extent : Light, Area Affected : 30%								
Location : Unable To Clean Exterior Face Glass. Areas Inaccessible								
Metal Sect. OHD	8%			2049	* *	5	$16,100	
Pre-cast Concrete	67%	0-2	$78,100	LIFE	* *	5	$140,000	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 15%								
Location : Perimeter Walls At Grade. Tiled Walls								
Window Wall	2%			2056	* *	5	$4,800	
Windows								
Aluminum	100%	Now	$9,500	2052	* *	5	$500	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Hardware Missing, Extent : Moderate, Area Affected : 50%								
Location : Bunk Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Bunk Room And Office								
Parapets								
Pre-cast Concrete	90%			LIFE	* *	5	$43,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Interior Parapet								
Explanation : Rubber Waterproofing Applied To Parapet Walls								
Weathering Steel	10%			LIFE	* *	1		
Roof								
Modified Bitumen	99%			2041	* *	10	$12,700	
Skylight, Plastic	1%	Now	$300	2049	* *	1		
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Roof Skylight Hatch								
Interior								
Floors								
Cast in Place Concrete	55%	Now	$22,100	LIFE	* *	5	$28,400	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Apparatus Floor. At Edges Of Slab And Floor Drains Into Basement								
Mosaic Tile	3%			2049	* *	5	$1,800	
Quarry Tile	2%	2-4	$700	2049	* *	5	$400	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Vinyl Tile	5%			2041	* *	3	$400	
Wood	35%	Now	$49,200	2051	* *	5	$7,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Second Floor								
Dry Rot/Decay, Extent : Severe, Area Affected : 5%								
Location : Second Floor Bunk 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
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
Interior								
Interior Walls								
Cast in Place Concrete	25%	Now	$12,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Electrical Room								
Ceramic Tile	5%			2045	* *	5	$1,700	
Concrete Masonry Unit	20%			LIFE	* *	5	$5,400	
Gypsum Board	45%			LIFE	* *	5-10	$25,900	
Wood	5%			LIFE	* *	5	$13,500	
Ceilings								
AcousTileSusp.Lay-In	55%	Now	$4,300	2049	* *	5	$6,500	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	35%			LIFE	* *	10	$16,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Component Actually Concrete Metal Decking								
Gypsum Board	10%			LIFE	* *	5-10	$8,100	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
Activity Yard								
Cast in Place Concrete	100%	Now	$200	2049	* *			
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Rear Courtyard								

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%			2056	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5	$100	
Raceway								
Conduit	100%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2052	* *	5		
Molded Case Bkrs	95%			2052	* *	5	$400	
Wiring								
Thermoplastic	100%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2049	* *	5	$100	
Ground								

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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
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Water Meter Room								
Explanation : Water Main Pipe Grounded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2049	* *	1	$4,900	
Generators								
Diesel	100%			2045	* *	1	$6,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 100 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2030	$2,500	5	$600	
Fuel Storage								
Main Tank	100%			2064	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room Basenent								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
LED	20%			2044	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$5,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%	Now	$16,300	2046	* *	1-3	$8,800	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Throughout The 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								
Natural Gas	100%			2056	* *	1		

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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%			2049	* *	1	$7,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2052	* *	4	$1,200	
Terminal Devices								
Air Handler	30%			2041	* *	1	$2,900	
Convector/Radiator	40%			2049	* *	1	$2,000	
Fan Coil Unit/Heat	30%			2041	* *	1	$1,500	
Controls								
Electrical	100%			2034	$87,600			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2036	$132,400	2	$500	
R-22 Refrigerant, Extent : Light, Area Affected : 55%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 80%								
Location : Roof								
Explanation : 4 Units. Inefficient Units.								
Split Unit	10%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 10%								
Location : House Watch And 2nd Floor								
Explanation : 2 Units. R-410a								
Window/Wall Unit	20%			2034	$11,900	1		
No Component	20%							
Distribution								
Ductwork/Diffusers	40%	Now	$11,100	LIFE	* *	2	$8,200	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Leaking Condensate To 3rd Floor Ceiling								
No Component	60%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2041	* *	1	$500	
No Component	90%							
Heat Rejection								
Evaporative Condenser	10%			2041	* *	2	$1,100	
No Component	90%							
Ventilation								

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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
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$34,600	LIFE	* *	2-5	$8,800	
Corroded, Extent : Severe, Area Affected : 5%								
Location : Boiler Room. Due To Water Leaks From Apparatus Floor								
Exhaust Fans								
Roof	100%	Now	$6,100	2041	* *	2	$400	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Roof Exhaust System								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units 75 Gallons								
Sanitary Piping								
Cast Iron	100%	0-2	$9,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor Bathroom Sink								
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor Bathroom Sink								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement								
Explanation : Water Backing Up In Basement Frequently. Infrastructure Issue								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	Now	$900	2041	* *	4	$300	
Unit Inoperable, Extent : Severe, Area Affected : 25%								
Location : Basement								
Backflow Preventer								
Generic	100%			2041	* *	1	$1,000	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	20%			2056	* *	1-2	$900	
Generic	80%	2-4	$8,700	2046	* *	1-2	$3,100	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room. Corroded Sprinkler Main								
Chemical System								
Generic	100%			2034	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Hood 4 Feet X 6 Feet Which Equals 24 Square Feet								

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

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 279/LADDER CO. 131**		
Address	: **252 LORRAINE STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.279 / 13165**	**Yr Built/Renovated**	: **1912 / 2011**
Area Sq Ft	: **10,548**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **02-Jan-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **486** **Lot** : **18**	**BIN**	: **3008207**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$79,400	$261,700
Electrical		$130,000
Mechanical	$58,100	$143,100
Total	**$137,500**	**$534,800**
Importance Code A		$65,000
Importance Code B	$58,100	$469,800
Importance Code C	$79,400	
Total	**$137,500**	**$534,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$43,800		$2,000	
Interior Architecture	$48,900		$700	$1,200
Electrical	$2,900	$400	$400	$500
Mechanical	$13,400	$3,900	$4,400	$3,900
Site Enclosure	$3,700			
Site Pavements	$5,800			
Total	**$118,500**	**$4,300**	**$7,500**	**$5,600**
Importance Code A	$44,800	$1,000	$3,100	$1,000
Importance Code B	$59,400	$3,300	$4,200	$4,600
Importance Code C	$14,300		$300	
Total	**$118,500**	**$4,300**	**$7,500**	**$5,600**

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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	$45,000	
Masonry: Granite	5%			LIFE	* *	5	$2,400	
Masonry: Limestone	10%	2-4	$5,100	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Stucco Cement	5%			2049	* *	5	$4,000	
Wood Overhead Doors	10%			2041	* *	5	$16,100	
Windows								
Aluminum	100%	Now	$700	2044	* *	5	$300	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And 3rd Floor Bathroom								
Parapets								
Cast Stone/Terra Cotta	30%			LIFE	* *	5-10	$10,100	
Masonry: Brick	70%			LIFE	* *	5-10	$5,700	
Roof								
Modified Bitumen	100%	2-4	$2,200	2041	* *			
Blisters, Extent : Light, Area Affected : 1%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$20,700	
Ceramic Tile	5%			2039	* *	5	$800	
Quarry Tile	5%	4+	$1,200	2041	* *	5	$600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Vinyl Tile	60%	Now	$5,200	2036	$261,700	3	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : 3rd Floor Corridor								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : 2nd And 3rd Floor								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$500	
Masonry: Brick	40%	Now	$79,400	LIFE	* *			
Spalling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Vertical Cracks, Extent : Severe, Area Affected : 1%								
Location : Bearing Wall At Rear Beam Basement								
Plaster	55%	Now	$7,000	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor								

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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								
Ceilings								
AcousTileSusp.Lay-In	5%	4+	$300	2041	* *	5	$400	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Kitchen And Office 2nd Floor								
Exposed Struc: Concrete	18%			LIFE	* *	5-10	$3,600	
Exposed Struc: Steel	2%	Now	$3,800	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Alcove And Bilco Door								
Plaster	75%	Now	$18,000	LIFE	* *	5	$7,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$200	2046	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Rear Gate								
Free Standing Walls								
Masonry: Brick	100%	Now	$3,600	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$2,300	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Smith Street								
Parking/Driveway								
Cast in Place Concrete	100%	2-4	$3,600	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Rear Driveway And Front Apron								

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%			2036	$65,000	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 250 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$65,000	5	$300	
Raceway								
Conduit	90%			2036	$33,100	1		
Conduit	10%			2046	* *	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. 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								
Panelboards								
Fused Disc Sw	10%			2052	* *	5		
Molded Case Bkrs	80%			2035	$39,700	5	$200	
Molded Case Bkrs	10%			2044	* *	5		
Wiring								
Thermoplastic	20%			2046	* *	1		
Thermoplastic	80%			2036	$26,600	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main Grounded								
Lighting								
Interior Lighting								
Fluorescent	20%			2031	$18,300	10	$1,900	
T-12 Lamps And Fixtures, Extent : Severe, Area Affected : 100%								
Location : Stairs And 2nd Floor								
LED	80%			2044	* *			
Egress Lighting								
Emergency, Battery	50%			2044	* *	10	$1,300	
Exit, Battery	50%			2031	$7,500	10	$400	
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2031	$19,800	1	$3,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2049	* *	1	$10,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								

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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%			2036	$84,500			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor								
Explanation : There Is Only 1 Thermostat In The Building								
Terminal Devices								
Convector/Radiator	90%			2041	* *	1	$3,100	
Unit Heater - Steam	10%	2-4	$3,000	2036	$6,000	4	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : 2 Extended Life Time Unit Heaters Serve Truck Bays								
Controls								
Electrical	100%			2034	$58,600			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	40%			2041	* *	2	$300	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Roof								
Explanation : 1 Unit. Uses R410 A								
Split Unit	10%			2036	$25,000			
Other Observation, Extent : N/A, Area Affected : 10%								
Location : 1st Floor								
Explanation : Serving A Room In 1st Floor								
Window/Wall Unit	10%			2031	$4,000	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$4,700	
No Component	50%							
Exhaust Fans								
Roof	50%			2041	* *	2	$200	
Wall Unit	15%			2031	$700	2	$100	
No Component	35%							
Plumbing								
H/C Water Piping								
Brass/Copper	10%	0-2	$300	2046	* *	1		
Not Insulated, Extent : Light, Area Affected : 10%								
Location : Basement								
Brass/Copper	90%			2046	* *	1		
No Water Meter, Extent : Light, Area Affected : 100%								
Location : Basement								

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*** 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
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, 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%			2027	$300	4	$300	
Backflow Preventer								
Generic	5%			2036	$200	1		
Generic	95%			2036	$4,500	1	$600	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2029	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression 4 Feet X 5 Feet Equals 20 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 28/ LADDER CO. 11**		
Address	: **222 EAST 2nd STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.028 / 13020**	**Yr Built/Renovated**	: **1959 / 2010**
Area Sq Ft	: **6,532**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **17-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **385** **Lot** : **58**	**BIN**	: **1004608**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$467,700	$101,900
Interior Architecture	$509,200	
Electrical		$65,000
Mechanical	$54,300	$53,400
Site Pavements	$75,800	$151,700
Total	**$1,107,000**	**$372,000**
Importance Code A	$467,700	$101,900
Importance Code B	$563,400	$118,400
Importance Code C	$75,800	$151,700
Total	**$1,107,000**	**$372,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$58,500			$3,300
Interior Architecture	$49,400		$100	$200
Electrical	$23,400	$9,300		
Mechanical	$21,100	$39,500	$3,400	$3,100
Site Enclosure	$28,400			
Total	**$180,700**	**$48,700**	**$3,500**	**$6,700**
Importance Code A	$58,800	$300	$300	$3,600
Importance Code B	$62,600	$48,400	$3,200	$3,100
Importance Code C	$59,300			
Total	**$180,700**	**$48,700**	**$3,500**	**$6,700**

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. 28/ LADDER CO. 11
Asset # : 13020

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%	Now	$467,700	LIFE	* *	5	$18,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Corners Of Building								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : 2nd Street Facade								
Explanation : Netting Installed On 2nd Floor								
Metal Sect. OHD	10%			2050	* *	5	$6,600	
Windows								
Aluminum	100%	Now	$30,000	2049	* *	5	$1,100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Metal Panel	90%	Now	$9,100	2053	* *	5	$4,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Hose Tower								
Metal Rail	10%	Now	$5,000	2046	* *	5	$1,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Main Entrance Facade								
Deformed/Dented, Extent : Severe, Area Affected : 25%								
Location : Main Entrance Facade								
Roof								
Modified Bitumen	100%	Now	$10,200	2033	$101,900			
Blisters, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Main Roof And Hose Tower Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Into 2nd Floor Hall								
Soffits								
Cast Stone/Terra Cotta	100%	Now	$4,200	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Above Overhead Door								
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. 28/ LADDER CO. 11
Asset # : 13020

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	65%	Now	$108,700	LIFE	* *	5	$14,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Basement And Apparatus Floor								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Underside Of Stairs To Basement								
Explanation : Steel Corrosion								
Ceramic Tile	5%			2042	* *	5	$500	
Vinyl Tile	10%			2041	* *	3	$400	
Vinyl Tile 9" X 9"	20%	Now	$157,300	2043	* *	3	$700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	30%			LIFE	* *			
Ceramic Tile	5%			2042	* *	5	$700	
Gypsum Board	5%			LIFE	* *	5	$400	
Plaster	35%	Now	$24,200	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Hose Tower								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement, Staircase And Hose Tower								
SGFT/Glazed Masonry	25%	Now	$6,400	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Ceilings								
AcousTileSusp.Lay-In	10%	4+	$300	2038	* *	5	$500	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	55%	0-2	$243,100	LIFE	* *	5	$800	
Worn/Erode, Extent : Severe, Area Affected : 20%								
Location : Basement								
Gypsum Board	5%			LIFE	* *	5	$600	
Plaster	30%	Now	$17,900	LIFE	* *	5	$1,800	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Hall And Hose Tower								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$28,400	2043	* *			
Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : Parking Lot								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 28/ LADDER CO. 11
Asset # : 13020

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%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	100%	Now	$75,800	2036	$151,700			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Driveway And Parking Lot								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Parking Lot								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Parking 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	100%			2033	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$200	
Raceway								
Conduit	100%			2033	$36,800	1		
Panelboards								
Molded Case Bkrs	70%			2032	$34,700	5	$100	
Molded Case Bkrs	30%			2055	* *	5	$100	
Wiring								
Braided Cloth	70%	2-4	$23,300	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2059	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	10%			2033	$5,700	10	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	90%			2041	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 28/ LADDER CO. 11
Asset # : 13020

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	30%			2028	$9,100	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%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	$3,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2041	* *	4	$300	
Terminal Devices								
Convector/Radiator	100%			2031	$53,400	1	$2,100	
Controls								
Electrical	100%			2028	$36,300			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2038	* *			
Window/Wall Unit	50%	0-2	$12,400	2033	$12,400	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Explanation : On Extended Life								
No Component	40%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Basement								
Explanation : Gymnasium Has No Air Conditioning								
Terminal Devices								
Fan Coil - 2 Pipe	10%			2038	* *	1	$200	
No Component	90%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : One Evaporator Could Be Installed To The Split Unit For Basement Gymnasium.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 28/ LADDER CO. 11
Asset # : 13020

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 Cooled Condenser Unit	10%			2038	* *	2	$500	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$700	
No Component	80%							
Exhaust Fans								
Roof	20%			2033	$2,500	2		
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$1,600	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2033	$1,300	4	$100	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	100%			2027	$54,300	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 15 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 280/LADDER CO. 132**		
Address	: **489 ST. JOHN'S PLACE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.280 / 13166**	**Yr Built/Renovated**	: **1912 / 2008**
Area Sq Ft	: **5,775**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **14-Apr-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1174** **Lot** : **51**	**BIN**	: **3029451**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$718,500	$56,300
Mechanical	$58,100	
Total	**$776,600**	**$56,300**
Importance Code B	$776,600	$56,300
Total	**$776,600**	**$56,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$25,900		$2,500	
Interior Architecture	$31,800		$500	$500
Electrical	$900	$400	$400	$2,900
Mechanical	$21,100	$3,300	$3,400	$3,300
Site Enclosure	$2,500			
Site Pavements	$5,700			
Total	**$87,900**	**$3,700**	**$6,800**	**$6,600**
Importance Code A	$30,900	$600	$3,100	$600
Importance Code B	$41,600	$3,100	$3,600	$6,100
Importance Code C	$15,400		$100	
Total	**$87,900**	**$3,700**	**$6,800**	**$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. 280/LADDER CO. 132
Asset # : 13166

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	5%			LIFE	* *	5	$1,300	
Masonry: Brick	75%			LIFE	* *	5	$30,400	
Masonry: Granite	2%	Now	$600	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Front Facade								
Masonry: Limestone	10%	Now	$3,200	LIFE	* *	5	$1,500	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Metal Sect. OHD	8%			2049	* *	5	$5,100	
Windows								
Aluminum	100%	Now	$1,200	2052	* *	5	$300	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Third Floor Gymnasium								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Third Floor								
Parapets								
Masonry: Brick	80%	Now	$1,500	LIFE	* *	5	$600	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : Parapet Throughout								
Metal: Cage/Fence	10%			2041	* *	5-10	$600	
Pre-cast Concrete	10%			LIFE	* *	5	$900	
Roof								
Asphalt Shingle	20%			2045	* *	10	$200	
Modified Bitumen	80%	Now	$3,000	2041	* *			
Miss/Damaged Flashings, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Into Second Floor Bunk Room								
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. 280/LADDER CO. 132
Asset # : 13166

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	$17,800	
Cast in Place Concrete	30%	Now	$260,200	LIFE	* *	5	$6,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : First Floor Truck Area								
Horizontal Cracks, Extent : Severe, Area Affected : 30%								
Location : First Floor								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : First Floor								
Explanation : First Floor Has Structural Cracks And Is Being Supported By Several Adjustable Jack Post								
Ceramic Tile	5%			2045	* *	5	$500	
Quarry Tile	5%			2049	* *	5	$800	
Vinyl Tile	20%	Now	$5,600	2036	$56,300	3	$800	
Adhesion Failure, Extent : Moderate, Area Affected : 25%								
Location : Second Floor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Second Floor								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : Second Floor								
Interior Walls								
Ceramic Tile	10%			2039	* *	5	$300	
Masonry: Brick	40%			LIFE	* *	10	$300	
Plaster	45%	Now	$6,200	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Dormitory, Laundry, At Window Heads, Scuttle And Stairwell								
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Second Floor Officer, Bathroom								
Wood	5%			LIFE	* *	5	$1,100	
Ceilings								
AcousTileSusp.Lay-In	5%			2041	* *	5	$500	
Exposed Struc: Concrete	30%	Now	$458,300	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Bilco Door								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : First Floor, Basement Ceiling Is Failing. Large Structural Cracks. Ceiling Is Now Being Supported By Temp Jack Post								
Plaster	65%	Now	$10,100	LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Second Floor								
Site Enclosure								

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

FIRE DEPARTMENT - 057
ENGINE CO. 280/LADDER CO. 132
Asset # : 13166

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%	Now	$2,500	2046	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Gate								
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Parking Lot								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Asphalt	100%	Now	$5,700	2039	* *			
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Driveway								
Sinking/Subsiding, Extent : Moderate, Area Affected : 20%								
Location : Parking Lot And Driveway								
Activity Yard								
Cast in Place Concrete	100%			2049	* *			

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%			2056	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2056	* *	5	$200	
Raceway								
Conduit	50%			2046	* *	1		
Conduit	50%			2056	* *	1		
Panelboards								
Molded Case Bkrs	100%			2052	* *	5	$200	
Wiring								
Thermoplastic	100%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2049	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main Pipe Grounded								
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. 280/LADDER CO. 132
Asset # : 13166

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%			2049	* *	1	$1,800	
Generators								
Natural Gas	100%			2045	* *	1	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Of The Building								
Explanation : Emergency Generator Rated At 70 Kilowatts								
Batteries								
Lead/Acid	100%			2030	$2,500	5	$200	
Lighting								
Interior Lighting								
Fluorescent	10%			2036	$5,000	10	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor And Basement								
Explanation : T-8 Lamps								
Fluorescent	5%			2031	$2,500	10	$300	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Basement								
LED	85%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : LED Lights								
Egress Lighting								
Emergency, Service	10%			2031	$400	1		
Emergency, Service	40%			2044	* *	1		
Exit, Service	50%			2031	$1,200	1		
Exterior Lighting								
HID	20%			2031	$5,400	10		
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Steam Boiler	100%	2-4	$5,000	2049	* *	1	$5,100	
Controller Not Working, Extent : Moderate, Area Affected : 20%								
Location : Throughout, Thermostat.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2046	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 280/LADDER CO. 132
Asset # : 13166

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%	Now	$2,400	2034	$47,200	1	$1,700	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Controls								
Electrical	100%	2-4	$1,600	2031	$32,100			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Split Unit	10%			2041	* *			
Window/Wall Unit	50%	Now	$500	2031	$10,900	1		
Broken, Extent : Severe, Area Affected : 10%								
Location : Bunker Bedroom 2nd And 3rd Floor, Two Units								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,000	
No Component	80%							
Exhaust Fans								
Roof	20%			2031	$2,200	2		
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit 74 Gallons								
Sanitary Piping								
Cast Iron	100%	2-4	$3,600	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor. Leaking Sink								
Storm Drain Piping								
Cast Iron	100%	2-4	$1,000	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Explanation : Water Backs Up, Causes Flooding In Basement During Rain.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 280/LADDER CO. 132
Asset # : 13166

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%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 70%								
Location : Various Locations								
Fire Suppression								
Chemical System								
Generic	100%			2029	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Hood 5 Feet X 6 Feet Which Equals 30 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **08-May-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **5155** **Lot** : **4**	**BIN**	: **3118638**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$391,600	$120,500
Interior Architecture	$78,500	$188,000
Electrical		$130,000
Mechanical	$56,200	$289,200
Total	**$526,400**	**$727,800**
Importance Code A	$391,600	$185,500
Importance Code B	$56,200	$542,300
Importance Code C	$78,500	
Total	**$526,400**	**$727,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$31,300			$400
Interior Architecture	$82,500	$600		$900
Electrical	$10,800	$500	$400	$3,100
Mechanical	$57,600	$1,400	$1,700	$28,900
Total	**$182,200**	**$2,400**	**$2,100**	**$33,200**
Importance Code A	$32,300	$1,000	$1,000	$1,500
Importance Code B	$128,200	$1,400	$1,100	$31,700
Importance Code C	$21,700			
Total	**$182,200**	**$2,400**	**$2,100**	**$33,200**

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	75%	Now	$121,300	LIFE	* *	5	$29,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room And Behind Electrical Panel								
Masonry: Granite	3%			LIFE	* *	5	$900	
Masonry: Limestone	15%	2-4	$92,800	LIFE	* *	5	$4,400	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 1%								
Location : Over Head Door Jambs								
Metal Sect. OHD	5%			2052	* *	5	$6,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Overhead Door								
Explanation : Fiberglass Door								
Slate Panels	2%	2-4	$12,200	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Window Sills								
Windows								
Aluminum	100%	Now	$101,000	2060	* *	5	$1,100	
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Throughout								
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	$76,500	LIFE	* *	5	$3,000	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Exterior Of Parapet								
Vertical Cracks, Extent : Light, Area Affected : 10%								
Location : Street Facade At Entrance								
Masonry: Sandstone	15%	Now	$4,000	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Main Roof Parapet								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Coping Stones								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Coping								
Explanation : Actually Bluestone								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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								
Roof								
Modified Bitumen	100%	Now	$12,100	2035	$120,500			
Blisters, Extent : Light, Area Affected : 15%								
Location : Main Roof								
Ridging, Extent : Moderate, Area Affected : 20%								
Location : Upper And Lower Roofs								
Soffits								
Stucco Cement	100%			2040	* *	5	$700	
Interior								
Floors								
Cast in Place Concrete	40%	Now	$10,300	LIFE	* *	5	$13,200	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Back Up From Storm Drain								
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Floor								
Mosaic Tile	10%	Now	$7,100	2040	* *	5	$1,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Bath								
Quarry Tile	5%			2048	* *	5	$1,100	
Vinyl Tile	45%	Now	$9,400	2035	$188,000	3	$2,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 2nd And 3rd Floors								
Worn/Erode, Extent : Moderate, Area Affected : 15%								
Location : Second And Third Floors								
Interior Walls								
Ceramic Tile	10%	Now	$6,500	2038	* *	5	$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Bathroom								
Concrete Masonry Unit	2%			LIFE	* *	5	$200	
Masonry: Brick	35%	Now	$78,500	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Rear And Front Basement Wall								
Vertical Cracks, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor By Kitchen And Stairs								
Water Penetration, Extent : Moderate, Area Affected : 70%								
Location : Rear And Front Basement Walls								
Plaster	53%	2-4	$15,200	LIFE	* *	5	$3,700	
Paint Peeling, Extent : Light, 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.
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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

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	43%	4+	$2,200	2040	* *	5	$3,300	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	25%	4+	$18,200	LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 1%								
Location : Coal Storage Room								
Gypsum Board	5%	Now	$7,900	LIFE	* *	5	$900	
Worn/Erode, Extent : Severe, Area Affected : 25%								
Location : Kitchen								
Plaster	25%	Now	$5,800	LIFE	* *	5	$2,400	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Apparatus Floor Ceiling								
Wood	2%			LIFE	* *	5	$2,600	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2048	* *			

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%			2035	$65,000	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 350 Amperes. Missing Cover								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$300	
Enclosure Corroded, Extent : Moderate, Area Affected : 20%								
Location : Electrical Room								
Raceway								
Conduit	90%			2035	$33,100	1		
Conduit	10%			2061	* *	1		
Panelboards								
Fused Disc Sw	2%			2034	$1,000	5		
Molded Case Bkrs	48%			2034	$23,800	5	$100	
Molded Case Bkrs	50%			2043	* *	5	$100	
Wiring								
Thermoplastic	100%			2035	$33,300	1		

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.
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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								
Motor Controllers								
Locally Mounted	100%			2048	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Battery	100%			2040	* *	10	$2,400	
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV 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								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2040	* *	1	$10,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	30%	Now	$4,900	2035	$24,300			
Corroded, Extent : Severe, Area Affected : 60%								
Location : Basement								
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Steam Piping/Pump	70%			2035	$56,600			
Terminal Devices								
Convector/Radiator	95%			2033	$78,500	1	$3,100	
Unit Heater - Hot Water	5%	0-2	$1,500	2045	* *			
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : 1 Unit, 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.
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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								
Controls								
Electrical	100%			2028	$56,200			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	5%	0-2	$4,800	2045	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Sitting Room And House Watch								
Explanation : Defective Unit On Extended Life Time.								
Window/Wall Unit	40%	Now	$15,300	2035	$15,300	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 60%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Window/Wall Unit	20%			2030	$7,700	1		
No Component	35%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2030	$10,000	1		$200
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2030	$1,000	2		$400
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%	Now	$6,700	LIFE	* *	2-5		$1,700
Needs Cleaning, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor To Roof								
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Apparatus Floor To Roof								
Explanation : Not Be Used For Many Years								
Ductwork/Diffusers	10%			LIFE	* *	2-5		$600
No Component	60%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future 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. 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
Ventilation								
Exhaust Fans								
Roof	15%	Now	$1,800	2035	$2,900	2		
Not Energy Efficient, Extent : Moderate, Area Affected : 60%								
Location : Kitchen Exhaust								
On Extended Life, Extent : Moderate, Area Affected : 60%								
Location : Kitchen Exhaust								
Wall Unit	20%	0-2	$900	2045	* *	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Back Of Apparatus Floor								
Explanation : On Extended Life Time								
No Component	65%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout								
Explanation : Very Poor Air Circulation Due To House Exhaust Fan Was Removed From Roof Years Ago. Reinstallation Of Exhaust Fan On Roof Needed.								
Plumbing								
H/C Water Piping								
Brass/Copper	10%	Now	$3,900	2035	$13,000	1		
Corroded, Extent : Severe, Area Affected : 50%								
Location : Water Main Valve, Basement								
Not Insulated, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Brass/Copper	90%			2035	$116,800	1		
Water Heater With Tanks								
Gas Fired	50%			2030	$8,500	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Gas Fired	50%			2034	$8,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Sanitary Piping								
Cast Iron	100%	Now	$12,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Basement And Apparatus Floor								
Corroded, Extent : Severe, Area Affected : 20%								
Location : Causes Leaking In Basement								
Storm Drain Piping								
Cast Iron	100%	Now	$3,600	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Basement								
Sump Pump(s)								
Submersible	100%	Now	$300	2030	$300	4		$200
On Extended Life, Extent : Severe, Area Affected : 100%								
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. 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
Plumbing								
Fixtures								
Generic	100%							

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

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **28-Apr-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2**		
Block	: **5597** **Lot** : **44**	**BIN**	: **3135859**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$699,000	
Mechanical		$73,100
Total	**$699,000**	**$73,100**
Importance Code A		$73,100
Importance Code B	$118,900	
Importance Code C	$580,100	
Total	**$699,000**	**$73,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$35,800		$12,100	
Interior Architecture	$2,300	$1,800		
Electrical	$2,200	$500	$600	$700
Mechanical	$8,900	$1,600	$79,400	$1,600
Site Pavements	$1,400			
Total	**$50,600**	**$3,900**	**$92,100**	**$2,300**
Importance Code A	$43,100	$300	$12,500	$300
Importance Code B	$7,500	$2,500	$79,600	$1,900
Importance Code C		$1,000		
Total	**$50,600**	**$3,900**	**$92,100**	**$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. 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	$29,900	LIFE	* *	5	$18,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Window Sill								
Masonry: Granite	5%			LIFE	* *	5	$900	
Masonry: Limestone	10%			LIFE	* *	5	$1,700	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Front Facade								
Metal Sect. OHD	5%			2039	* *	5	$3,500	
Windows								
Aluminum	100%	4+	$2,900	2042	* *	5	$1,500	
Hardware Missing, Extent : Light, Area Affected : 15%								
Location : 2nd Floor Latches Loose Or Broken								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Window Sill								
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$2,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Area								
Explanation : Surveyor Unable To Access Roof.								
Masonry: Limestone	15%			LIFE	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Area								
Explanation : Surveyor Unable To Access Roof.								
Metal Rail	10%			2047	* *	5-10	$4,800	
Roof								
Modified Bitumen	90%			2039	* *	10	$10,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Area								
Explanation : Surveyor Unable To Access Roof.								
Skylight, Metal/Glass	10%			2054	* *	10	$3,800	
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	$14,500	
Ceramic Tile	10%			2043	* *	5	$1,500	
Wood	45%	Now	$118,900	2062	* *	5	$6,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 60%								
Location : 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 60%								
Location : 2nd Floor								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Third Floor								
Explanation : Surveyor Unable To Access Third Floor Area								

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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. 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
Interior								
Interior Walls								
Ceramic Tile	10%			2043	* *	5	$2,000	
Gypsum Board	35%			LIFE	* *	5	$4,300	
Masonry: Brick	30%			LIFE	* *			
Masonry: Brick	25%	Now	$580,100	LIFE	* *			
Efflorescence, Extent : Severe, Area Affected : 80%								
Location : Basement								
Paint Peeling, Extent : Severe, Area Affected : 80%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 80%								
Location : Basement								
Ceilings								
AcousTileSusp.Lay-In	10%			2047	* *	5	$1,500	
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	30%	Now	$1,600	LIFE	* *	5	$5,500	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor, Chauffer Bunk Area								
Metal Panel	10%			LIFE	* *	5	$1,800	
Plaster	30%			LIFE	* *	5	$2,800	
Site Enclosure								
Retaining Walls								
Masonry: Brick	100%			2044	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	95%			2047	* *			
Cast in Place Concrete	5%	0-2	$1,400	2047	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Front 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%			2054	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$100	
Raceway								
Conduit	100%			2054	* *	1		
Panelboards								
Fused Disc Sw	20%			2042	* *	5	$100	
Molded Case Bkrs	80%			2050	* *	5	$300	

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FIRE DEPARTMENT - 057
ENGINE CO. 282/LADDER CO. 148
Asset # : 13168

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%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
LED	100%			2039	* *			
Egress Lighting								
Emergency, Battery	20%			2034	$4,600	10	$700	
Exit, LED	80%	Now	$1,700	2049	* *	1		
Damaged Fixtures, Extent : Moderate, Area Affected : 50%								
Location : 1st Floor								
Exterior Lighting								
LED	50%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated Via Timer								
No Component	50%							
Alarm								
Security System								
Generic	100%			2034	$25,800	1	$5,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior Only								
Explanation : Cameras Security 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								
Natural Gas	100%			2054	* *	1		
Conversion Equipment								
Hot Water Boiler	50%	Now	$7,300	2032	$73,100	1	$3,100	
Leak Evident, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
No Component	50%							
Distribution								
Hot Wtr Piping/Pump	50%	0-2	$400	2042	* *	4	$300	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Small Leak At Seal								
No Component	50%							

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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
Heating								
Terminal Devices								
Convector/Radiator	100%			2047	* *	1	$4,400	
Controls								
Electrical	100%			2029	$38,200			
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	100%			2039	* *	2	$800	
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$17,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,700	
Exhaust Fans								
Roof	40%			2034	$10,700	2	$200	
Roof	60%			2034	$16,000	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$400	
Backflow Preventer								
Generic	100%			2039	* *	1	$800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2054	* *	1-2	$3,900	
Chemical System								
No Component	95%							
Generic	5%			2032	$2,900	1-10	$1,500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood Covers 30 Square Feet (5x6), Ansel System								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 283**		
Address	: **885 HOWARD AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.283 / 13169**	**Yr Built/Renovated**	: **1974 /**
Area Sq Ft	: **11,898**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **02-Feb-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3580** **Lot** : **20**	**BIN**	: **3081953**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$69,500	
Interior Architecture		$158,100
Electrical		$231,900
Mechanical	$124,300	
Total	**$193,800**	**$390,000**
Importance Code A	$69,500	$65,000
Importance Code B	$124,300	$325,000
Total	**$193,800**	**$390,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$75,000	$5,800		$1,800
Interior Architecture	$52,900	$700	$700	$700
Electrical	$1,300	$4,000	$1,400	$1,600
Mechanical	$34,000	$3,600	$4,100	$50,800
Site Enclosure	$10,800			
Site Pavements	$18,600			
Total	**$192,500**	**$14,200**	**$6,100**	**$55,000**
Importance Code A	$75,600	$6,400	$600	$2,600
Importance Code B	$71,100	$7,800	$4,900	$52,400
Importance Code C	$45,800		$700	
Total	**$192,500**	**$14,200**	**$6,100**	**$55,000**

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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
Exterior								
Exterior Walls								
Masonry: Brick	68%	Now	$69,500	LIFE	* *	5	$16,900	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 5%								
Location : Throughout Exterior Walls								
Vegetation Growth, Extent : Severe, Area Affected : 50%								
Location : South, East And North Facades.								
Metal/Glass Curt Wall	10%			LIFE	* *	5	$4,700	
Metal Sect. OHD	15%			2048	* *	5	$11,600	
Metal: Cage/Fence	5%	2-4	$3,700	2040	* *	5	$2,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Exterior Caged Storage								
Stucco Cement	2%	Now	$5,600	2040	* *	5	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Chimney								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Chimney								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Chimney								
Windows								
Aluminum	100%	Now	$6,400	2043	* *	5	$700	
Glazing Clouded, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor								
Parapets								
Concrete Masonry Unit	70%			LIFE	* *	5	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lower And Upper Roof								
Explanation : Masonry Surfaces Painted								
Metal Panel	30%			2055	* *	5	$3,700	
Roof								
Metal Panel	5%	2-4	$4,400	2048	* *			
Deteriorated Finish, Extent : Severe, Area Affected : 90%								
Location : Side Yard								
Modified Bitumen	85%	Now	$18,900	2040	* *			
Ponding, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Bunk And Locker Rooms, Chief Office And Telecom								
Sloped Glazing	10%	Now	$33,800	LIFE	* *	5	$27,100	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Corridor								
Glazing Clouded, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Soffits								
Metal Panel	100%	0-2	$2,300	2045	* *	5	$1,600	
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Corner Exterior Storage								

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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	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Worn/Erode, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Mosaic Tile	5%	Now	$4,500	2040	* *	5	$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Bathroom								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Bathroom								
Quarry Tile	5%			2048	* *	5	$1,400	
Vinyl Tile	30%	Now	$7,900	2035	$158,100	3	$2,100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 2nd Floor And Basement								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2044	* *	5	$1,300	
Concrete Masonry Unit	42%	2-4	$20,700	LIFE	* *	5	$4,400	
Vertical Cracks, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Corridor								
Gypsum Board	8%			LIFE	* *	5	$1,300	
Plaster	10%			LIFE	* *	5	$800	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%	Now	$3,000	2040	* *	5	$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Lockers								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor								
AcousTileSusp.Lay-In	55%	Now	$16,800	2040	* *	5	$5,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Throughout 1st Floor								
Misaligned/Bulging, Extent : Light, Area Affected : 1%								
Location : Offices								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout 1st Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bunk Room								
Exposed Struc: Concrete	35%			LIFE	* *	5	$1,000	
Site Enclosure								

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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
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$10,800	2045	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gate								
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Parking Lot								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$4,300	2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Howard Avenue								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$2,600	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Over Head Door Apron								
Parking/Driveway								
Asphalt	100%	2-4	$11,700	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Parking 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								
Molded Case Bkrs	100%			2035	$65,000	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 350 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$300	
Raceway								
Conduit	90%			2035	$33,100	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	85%			2034	$42,200	5	$300	
Molded Case Bkrs	10%			2043	* *	5		
Wiring								
Thermoplastic	90%			2035	$30,000	1		
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	50%			2033	$9,100	5		
Locally Mounted	50%			2048	* *	5		
Ground								

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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
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Connected To The Water Main Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2033	$13,200	1	$3,700	
Generators								
Diesel	100%			2031	$101,800	1	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No Available Nameplate Rating Capacity								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$400	
Fuel Storage								
Day Tank	5%			2034	$1,300	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : 10 Gallons Rated Capacity								
Underground Storage	95%			LIFE	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground								
Explanation : No Available Nameplate Rating Capacity								
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Service	100%			2040	* *	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2035	$22,300	1	$4,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Cameras Security 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								
Natural Gas	100%			2045	* *	1		

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

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%			2052	* *	1	$5,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	$900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Second Floor								
Explanation : There Is Only 1 Thermostat In The Building								
Terminal Devices								
Convector/Radiator	70%	0-2	$6,800	2040	* *	1	$2,400	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Chiefs Office And Back Of The Kitchen								
Unit Heater - Hot Water	30%			2045	* *			
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Apparatus Floor								
Controls								
Electrical	100%	0-2	$13,200	2030	$66,100			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. Heating Is Not Evenly Distributed								
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	40%			2040	* *	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units. R-410a								
Split Unit	10%			2040	* *			
Window/Wall Unit	20%	0-2	$2,700	2030	$9,000	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 70%								
Location : Various Locations								
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2040	* *	1	$400	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2040	* *	2	$800	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$4,000	
No Component	40%							

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

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%	0-2	$2,600	2035	$5,300	2		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Second Floor. Captain Bathroom On Second Floor								
Roof	50%			2035	$11,500	2	$200	
Wall Unit	40%			2035	$2,100	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	10%	Now	$3,000	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 30%								
Location : Water Backup In Basement Occasionally During Heavy Rainfall								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$2,100	LIFE	* *	1		
Broken, Extent : Moderate, Area Affected : 20%								
Location : Roof. Broken Seal Around The Strorm Drain Piping Causing Water To Leak To Second Floor								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2035	$16,500	1-2	$300	
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression On Hood 4 Feet X 6 Feet Which Equals 24 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **17-Apr-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6254** **Lot** : **53**	**BIN**	: **3161800**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$271,700	
Interior Architecture	$121,700	
Electrical		$130,000
Mechanical	$57,500	$67,700
Total	**$451,000**	**$197,800**
Importance Code A	$271,700	$65,000
Importance Code B	$120,700	$132,700
Importance Code C	$58,600	
Total	**$451,000**	**$197,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$36,400		$11,900	
Interior Architecture	$73,300		$2,600	$900
Electrical	$200			$100
Mechanical	$41,400	$1,400	$1,800	$1,400
Site Enclosure	$21,100			
Total	**$172,400**	**$1,400**	**$16,400**	**$2,400**
Importance Code A	$37,400	$1,000	$12,900	$1,000
Importance Code B	$68,500	$400	$2,300	$1,400
Importance Code C	$66,500		$1,200	
Total	**$172,400**	**$1,400**	**$16,400**	**$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. 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	80%	Now	$188,900	LIFE	* *	5	$22,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Rear Of Building								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Sides And Back Of Building								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd And 3rd Floor Living Space								
Masonry: Granite	5%			LIFE	* *	5	$2,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Front Facade South Elevation At Base								
Masonry: Limestone	5%			LIFE	* *	5	$2,200	
Metal Sect. OHD	10%			2049	* *	5	$9,000	
Windows								
Aluminum	100%	Now	$82,800	2052	* *	5	$1,700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : Bunk Rooms And Kitchen								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Second Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd And 3rd Floor Windows, Kitchen								
Parapets								
Cast Stone/Terra Cotta	20%	Now	$12,200	LIFE	* *	5	$5,200	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Third Floor								
Masonry: Brick	30%	Now	$6,400	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Exterior Parapet								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Exterior Parapet								
Metal Rail	20%			2049	* *	5-10	$12,200	
Stucco Cement	30%	Now	$12,500	2041	* *	5	$1,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Interior Of Parapet Walls								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Interior Of Parapet Upper Roof								
Roof								
Asphalt Shingle	10%	Now	$400	2045	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Gymnasium, Vent Pipe Flashing								
Modified Bitumen	90%	Now	$2,800	2041	* *			
Miss/Damaged Flashings, Extent : Severe, Area Affected : 5%								
Location : Poor Flashing At Cornice								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Front Cornice								
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. 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	$38,300	
Ceramic Tile	10%			2045	* *	5	$1,800	
Quarry Tile	5%			2049	* *	5	$1,300	
Vinyl Tile	35%			2041	* *	3	$2,300	
Interior Walls								
Ceramic Tile	5%	Now	$13,200	2045	* *	5	$600	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Kitchen								
Ceramic Tile	10%			2039	* *	5	$2,400	
Masonry: Brick	35%	0-2	$32,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Plaster	50%	Now	$58,600	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : First And Second Flooors, Bunk Rooms								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Bunk Room, 3rd Floor Door To Roof Deck								
Ceilings								
AcousTileSusp.Lay-In	35%	Now	$5,100	2049	* *	5	$3,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : 3rd Floor								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Around Windows And Gymnasium								
Exposed Struc: Steel	30%	2-4	$63,100	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Below Apron								
Plaster	35%	Now	$3,700	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : First Floor								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2071	* *			
Free Standing Walls								
Masonry: Brick	39%	Now	$21,100	2046	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard Side Walls Coping								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Rear Yard Side Walls								
Masonry: Brick	61%			2046	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2041	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 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
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2049	* *			

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%			2036	$65,000	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$65,000	5	$300	
Raceway								
Conduit	100%			2036	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	85%			2035	$42,200	5	$200	
Molded Case Bkrs	10%			2052	* *	5		
Wiring								
Thermoplastic	80%			2036	$26,600	1		
Thermoplastic	20%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	15%			2036	$13,500	10	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	85%			2041	* *			
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							

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

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								
Furnace	5%			2031	$1,600	1	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : 1 Modine Gasoline Fire Unit								
Steam Boiler	95%			2049	* *	1	$9,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	90%			2046	* *			
Steam Piping/Pump	5%	0-2	$400	2046	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
No Component	5%							
Terminal Devices								
Convector/Radiator	80%			2034	$67,700	1	$2,700	
Fan Coil Unit/Heat	15%			2036	$38,500	1	$500	
No Component	5%							
Controls								
Electrical	100%			2029	$57,500			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Split Unit	10%			2031	$24,600			
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : 2 Units, Roof								
Window/Wall Unit	30%			2031	$11,800	1		
Window/Wall Unit	30%	0-2	$7,100	2036	$11,800	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2036	$22,100	1	$300	
No Component	90%							
Heat Rejection								
Evaporative Condenser	10%			2031	$3,800	2	$700	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$3,700	
No Component	60%							

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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
Ventilation								
Exhaust Fans								
Interior	20%			2031	$9,200	2	$100	
Roof	20%			2036	$4,000	2	$100	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2046	* *	1		
Galvanized Steel	20%	Now	$500	2034	$26,400	1		
Corroded, Extent : Severe, Area Affected : 5%								
Location : Water Main And Connecting Piping, Basement								
Water Heater With Tanks								
Gas Fired	100%	Now	$700	2034	$34,200	2		
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : 1 Unit, Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$26,100	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	Now	$3,700	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2031	$2,100	4	$300	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 20%								
Location : Kitchen								

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Print Date : 06-Oct-2025

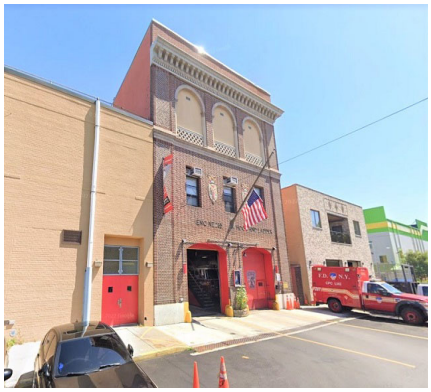
FIRE DEPARTMENT - FY 2026

Asset Name : **ENGINE CO. 285/LADDER CO. 142**
Address : **103-17 98th STREET**
Borough : **QUEENS**
Program / Asset # : **FIRSECO.285 / 13171**
Area Sq Ft : **10,112**
Date of Survey : **23-Feb-2023**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **9121** **Lot** : **11**

Agency's Number : **N/A**
Yr Built/Renovated : **1913 /**
Project Type : **FIRE DEPARTMENT**
Landmark Status : **NONE**
BIN : **4438526**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$68,700	
Total	**$68,700**	
Importance Code C	$68,700	
Total	**$68,700**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$56,000		$10,100	
Interior Architecture	$9,400	$800		$900
Electrical	$700	$3,300	$900	$800
Mechanical	$14,500	$1,400	$14,100	$1,400
Total	**$80,700**	**$5,600**	**$25,000**	**$3,200**
Importance Code A	$57,000	$1,000	$11,100	$1,000
Importance Code B	$23,600	$4,200	$13,900	$2,200
Importance Code C		$400		
Total	**$80,700**	**$5,600**	**$25,000**	**$3,200**



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. 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%	0-2	$13,700	LIFE	* *	5	$21,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Window Sills On Various Floors								
Masonry: Brick	70%			LIFE	* *	5	$19,200	
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Metal Sect. OHD	15%			2047	* *	5	$12,900	
Windows								
Aluminum	100%	Now	$32,700	2059	* *	5	$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor And 3rd Floor								
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$900	
Metal Panel	10%	4+	$3,300	2054	* *	5	$200	
Deformed/Dented, Extent : Severe, Area Affected : 10%								
Location : Parapet Coping Cover								
Seams Open/Split, Extent : Severe, Area Affected : 5%								
Location : Parapet Coping Cover								
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Parapet Coping Cover								
Roof								
Metal, Corrugated	5%			2039	* *	1		
Modified Bitumen	95%			2039	* *	10	$10,100	
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$9,900	
Ceramic Tile	6%			2043	* *	5	$900	
Quarry Tile	5%			2047	* *	5	$1,100	
Vinyl Tile	45%			2039	* *	3	$3,400	
Vinyl Tile	5%	Now	$6,300	2039	* *	3	$300	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Staircase Landings								
Wood	9%			2062	* *	5	$2,600	

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

FIRE DEPARTMENT - 057
ENGINE CO. 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%			2043	* *	5	$800	
Masonry: Brick	20%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$2,300	
SGFT/Glazed Masonry	25%	4+	$68,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Apparatus Floor								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Loose Units, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Ceilings								
AcousTileSusp.Lay-In	5%			2047	* *	5	$800	
Exposed Struc: Concrete	20%			LIFE	* *	5	$500	
Exposed Struc: Steel	25%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$4,900	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2054	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			

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		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2054	* *	5	$300	
Raceway								
Conduit	100%			2054	* *	1		
Panelboards								
Fused Disc Sw	5%			2050	* *	5		
Molded Case Bkrs	95%			2050	* *	5	$300	
Wiring								
Thermoplastic	100%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2047	* *	5	$100	
Ground								

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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

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	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$3,100	
Generators								
Diesel	100%			2043	* *	1	$3,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 50 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$400	
Fuel Storage								
Day Tank	10%			2050	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 25 Gallons Rated Capacity								
Main Tank	90%			2062	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fuel Storage Basement								
Explanation : One 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2039	* *			
Egress Lighting								
Emergency, Service	50%			2039	* *	1		
Exit, LED	50%			2062	* *	1		
Exterior Lighting								
LED	30%			2039	* *			
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%			2060	* *	1		
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$10,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%	0-2	$1,600	2044	* *			
Insul. Deteriorating, 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
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								
Convector/Radiator	80%	0-2	$1,300	2039	* *	1	$2,300	
Corroded, Extent : Light, Area Affected : 30%								
Location : 2nd And 3rd Floors								
Unit Heater - Steam	20%			2029	$11,500	4	$200	
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Split Unit	30%	0-2	$3,600	2039	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : 3 Units. R-410a. Unit For Kichen Is Inefficient.								
Window/Wall Unit	25%			2032	$9,600	1		
No Component	45%							
Terminal Devices								
Fan Coil - 2 Pipe	30%			2039	* *	1	$1,000	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2039	* *	2	$2,100	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$1,700	
No Component	70%							
Exhaust Fans								
Interior	30%			2039	* *	2	$100	
Roof	10%			2039	* *	2		
Wall Unit	20%			2039	* *	2	$100	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	0-2	$6,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor. Clogged And Blockage Drain								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 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								
Sump Pump(s)								
Submersible	100%			2029	$300	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2032	$1,200	1-10	$600	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Kitchen							
	Explanation : 1 Set							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 286/LADDER CO. 135**		
Address	: **66-44 MYRTLE AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.286 / 13172**	**Yr Built/Renovated**	: **1913 /**
Area Sq Ft	: **8,772**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **18-Dec-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3700** **Lot** : **21**	**BIN**	: **4090228**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$295,100	
Interior Architecture	$86,400	
Electrical		$130,000
Mechanical	$58,100	$14,000
Total	**$439,600**	**$144,100**
Importance Code A	$295,100	$65,000
Importance Code B	$144,500	$79,100
Total	**$439,600**	**$144,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$18,400			$10,500
Interior Architecture	$113,800	$300	$1,000	$1,200
Electrical	$10,700	$400	$400	$17,000
Mechanical	$32,800	$17,200	$3,900	$57,500
Site Pavements	$3,300			
Total	**$179,000**	**$18,000**	**$5,200**	**$86,200**
Importance Code A	$19,300	$900	$900	$11,400
Importance Code B	$107,500	$16,800	$3,400	$74,700
Importance Code C	$52,200	$300	$1,000	
Total	**$179,000**	**$18,000**	**$5,200**	**$86,200**

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. 286/LADDER CO. 135
Asset # : 13172

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	73%	Now	$167,700	LIFE	* *	5	$20,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Sides And Rear Facades								
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Sides And Rear Facades								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Painted Surfaces, Extent : Moderate, Area Affected : 75%								
Location : Sides And Rear Facades								
Masonry: Granite	2%	2-4	$900	LIFE	* *	5	$400	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Along Base At Overhead Door Entrance Corners								
Masonry: Limestone	10%	2-4	$65,900	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Third And Second Floor Window Openings, Horizontal Band								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Horizontal Band At Third Floor								
Wood Overhead Doors	15%			2040	* *	5	$20,900	
Windows								
Aluminum	85%			2051	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Second And Third Floor Main Rooms								
Explanation : New Windows Renovated 2016								
Aluminum	15%	Now	$5,000	2060	* *	5	$100	
Air Infiltration, Extent : Severe, Area Affected : 100%								
Location : First Floor And All Bathrooms								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 100%								
Location : First Floor And All Bathrooms								
Water Penetration, Extent : Light, Area Affected : 10%								
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
ENGINE CO. 286/LADDER CO. 135
Asset # : 13172

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								
Parapets								
Cast in Place Concrete	10%	Now	$900	LIFE	* *	5	$1,100	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Coping Stones								
Masonry: Brick	80%	Now	$10,300	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : All Facades								
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : All Parapets								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : All Facades								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : All Facades								
Masonry: Limestone	10%	Now	$1,300	LIFE	* *	5	$100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Facade Cornice								
Roof								
Modified Bitumen	95%	Now	$61,400	2043	* *			1
Blisters, Extent : Severe, Area Affected : 60%								
Location : Main Roof								
Ridging, Extent : Severe, Area Affected : 5%								
Location : Main Roof								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Main Roof And Lower Roof								
Skylight, Metal/Glass	5%			2045	* *	10	$1,600	
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. 286/LADDER CO. 135
Asset # : 13172

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	$44,700	LIFE	* *	5	$11,500	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Various Locations In The Cellar, At Vault Area, Center And Rear								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Slab Is Currently Shored With Temporary Columns To Carry Truck Load, Repair And Replacement Is Required								
Ceramic Tile	8%	Now	$1,200	2038	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Dining Floor And Base Tile								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Dining Floor And Base Tile								
Quarry Tile	2%	0-2	$1,900	2040	* *	5	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 4%								
Location : First Floor Toilet And Corridor								
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : First Floor Toilet And Corridor								
Sheet Vinyl/Rubber	5%			2040	* *	5	$1,000	
Vinyl Tile	45%	Now	$3,300	2040	* *	3	$2,200	
Adhesion Failure, Extent : Severe, Area Affected : 5%								
Location : Base Tile At Second And Third Floor Corridors								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. 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. 286/LADDER CO. 135
Asset # : 13172

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	15%			2044	* *	5	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen And Bathroom Tiles								
Explanation : Renovated 2016								
Ceramic Tile	5%			2038	* *	5	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Painted Tile								
Gypsum Board	30%			LIFE	* *	5	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Second And Third Floor								
Explanation : Renovated 2016								
Masonry: Brick	15%	Now	$18,600	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 20%								
Location : Vault Area At Front								
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Basement Front And Side Walls								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Front Of Building								
Water Penetration, Extent : Light, Area Affected : 15%								
Location : Front And Rear Of Building								
Masonry: Brick	25%	Now	$31,100	LIFE	* *			
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : Second And Third Floor Perimeter Walls								
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Second And Third Floor Perimeter Walls								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Second And Third Floor Perimeter Walls								
Plaster	10%	Now	$1,600	LIFE	* *	5	$400	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Basement Stairs								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Basement Stairs								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Cellar Hatch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 286/LADDER CO. 135
Asset # : 13172

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	$5,700	2048	* *	5	$3,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Various Locations Second And Third Floors								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Kitchen, Second And Third Floor								
Exposed Struc: Concrete	23%	Now	$86,400	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Basement Beams And Slab At Rear								
Water Penetration, Extent : Moderate, Area Affected : 33%								
Location : Basement Vaults At Myrtle Avenue Facade								
Other Observation, Extent : Moderate, Area Affected : 33%								
Location : Basement								
Explanation : Concrete Ceiling Is Temporarily Shored With Steel Columns To Carry Truck Load, Future Replacement And Repair Is Required.								
Exposed Struc: Steel	2%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Vault								
Gypsum Board	5%			LIFE	* *	5	$800	
Plaster	15%	Now	$5,700	LIFE	* *	5	$1,200	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Stair To Basement								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Basement Stair								
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Stair To Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Apparatus Floor Towards Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2055	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$2,300	2040	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : At Curb And Street Joint								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Curb And Street Joint								
Explanation : Water Ponding Penetrating Into Vault At Basement								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$900	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Back Yard								

Note : 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. 286/LADDER CO. 135
Asset # : 13172

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								
Activity Yard								
Cast in Place Concrete	100%			2048	* *			
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Rear Yard								
Explanation : Grill Barbeque 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								
Molded Case Bkrs	100%			2035	$65,000	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$200	
Raceway								
Conduit	100%			2035	$36,800	1		
Panelboards								
Molded Case Bkrs	50%			2043	* *	5	$100	
Molded Case Bkrs	50%			2034	$24,800	5	$100	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Egress Lighting								
Emergency, Battery	50%			2035	$7,400	10	$1,100	
Exit, Service	50%			2035	$1,900	1		
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2030	$16,500	1	$3,300	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 286/LADDER CO. 135
Asset # : 13172

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%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$8,700	
Distribution								
Steam Piping/Pump	20%			2035	$14,000			
Steam Piping/Pump	80%			2055	* *			
Terminal Devices								
Convector/Radiator	90%			2048	* *	1	$2,600	
Unit Heater - Steam	10%	0-2	$3,000	2045	* *	4	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : 2 Obsolete Units								
Controls								
Electrical	100%	0-2	$4,900	2030	$48,800			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : First Floor. One Thermostat Is Not Working								
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	10%	0-2	$1,000	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Lower Roof								
Explanation : 2 Inefficient Units, R-410a								
Split Unit	10%	0-2	$10,400	2035	$20,800			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Lower Roof. No Sufficient Cooling In Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lower Roof								
Explanation : R-410a								
Window/Wall Unit	40%			2028	$13,300	1		
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	20%			2040	* *	1	$600	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2040	* *	2	$1,200	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$1,200	
No Component	75%							

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

FIRE DEPARTMENT - 057
ENGINE CO. 286/LADDER CO. 135
Asset # : 13172

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%	0-2	$3,900	2045	* *	2		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Bathrooms								
Roof	10%			2035	$1,700	2		
Wall Unit	20%			2030	$800	2	$100	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Explanation : Apparatus Floor Air Circulation Is Poor								
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar								
Explanation : 75 Gallon Heater								
Sanitary Piping								
Cast Iron	100%	0-2	$5,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Water Backs Up On Apparatus Floor								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Floor Drain At Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$300	4	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression System On Kitchen Hood 4 Feet X 5 Feet Which Equals 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 287/LADDER CO. 136**		
Address	: **86-53 GRAND AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.287 / 13173**	**Yr Built/Renovated**	: **1913 /**
Area Sq Ft	: **8,800**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **15-Nov-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2477** **Lot** : **26**	**BIN**	: **4057367**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$445,400	$275,200
Interior Architecture		$308,300
Electrical		$53,500
Mechanical		$340,400
Total	**$445,400**	**$977,400**
Importance Code A	$445,400	$275,200
Importance Code B		$571,000
Importance Code C		$131,100
Total	**$445,400**	**$977,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$92,600		$2,100	
Interior Architecture	$69,500	$500	$1,800	
Electrical	$3,200	$600	$700	$600
Mechanical	$61,900	$1,900	$35,300	$1,700
Total	**$227,100**	**$3,000**	**$39,900**	**$2,300**
Importance Code A	$93,000	$400	$2,500	$400
Importance Code B	$80,600	$2,500	$36,300	$1,800
Importance Code C	$53,500		$1,200	
Total	**$227,100**	**$3,000**	**$39,900**	**$2,300**

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FIRE DEPARTMENT - 057
ENGINE CO. 287/LADDER CO. 136
Asset # : 13173

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								
Copper/Terne	3%	4+	$25,600	2066	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 25%								
Location : Cornice At Front Of Building								
Masonry: Brick	70%	Now	$304,700	LIFE	* *	5	$18,500	1
Diagonal Cracks, Extent : Severe, Area Affected : 25%								
Location : Front And Rear Facade								
Vertical Cracks, Extent : Severe, Area Affected : 60%								
Location : Exterior Wall Of Kitchen And Side Yard Due To Adjacent Construction								
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Side And Rear Of Building								
Explanation : Structural Damage To Masonry Wall								
Masonry: Granite	2%			LIFE	* *	5	$400	
Masonry: Limestone	10%			LIFE	* *	5	$2,000	
Metal Sect. OHD	5%			2044	* *	5	$4,100	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Front Elevation								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Explanation : Fiberglass Overhead Door								
Stucco Cement	10%			2036	$149,700	5	$6,600	
Windows								
Aluminum	100%	0-2	$39,400	2047	* *	5	$1,400	
Air Infiltration, Extent : Severe, Area Affected : 30%								
Location : Side Yard Windows Are Out Of Plumb In Masonry Opening								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$27,600	LIFE	* *	5	$2,400	1
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Cast Stone Copings At Parapet								
Masonry: Brick	85%	Now	$65,300	LIFE	* *	5	$2,600	1
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 80%								
Location : Throughout Parapets								
Water Penetration, Extent : Severe, Area Affected : 90%								
Location : Rear Perimeter Of Building								
Metal Panel	5%			2051	* *	5	$600	
Roof								
Modified Bitumen	97%	Now	$75,300	2036	$125,500			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout Main Roof								
Explanation : Water Penetration Reported Previously Results From Open And Missing Mortar Joint In Brick Parapets								
Skylight, Metal/Glass	3%			2041	* *	10	$1,200	
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 287/LADDER CO. 136
Asset # : 13173

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	55%			LIFE	* *	5	$15,300	
Ceramic Tile	10%			2034	$71,700	5	$1,300	
Quarry Tile	5%			2036	$46,800	5	$1,000	
Vinyl Tile	30%			2031	$105,400	3	$1,400	
Interior Walls								
Ceramic Tile	15%			2034	$131,100	5	$2,400	
Ceramic Tile	25%	Now	$29,500	2040	* *	5	$2,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Various Locations In Apparatus Room, Around Windows								
Gypsum Board	30%	Now	$1,300	LIFE	* *	5	$2,900	
Water Penetration, Extent : Severe, Area Affected : 80%								
Location : Second Floor Office At Windows								
Masonry: Brick	15%	Now	$22,700	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Plaster	15%			LIFE	* *	5	$700	
Ceilings								
AcousTileSusp.Lay-In	35%	Now	$14,800	2044	* *	5	$2,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Kitchen And Second Floor Perimeter								
Staining/Discoloring, Extent : Severe, Area Affected : 30%								
Location : Kitchen And Second Floor Perimeter								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Kitchen And Second Floor Perimeter								
Exposed Struc: Steel	30%			LIFE	* *			
Gypsum Board	5%	Now	$1,100	LIFE	* *	5	$800	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Soffit Of 2nd Floor Windows								
Plaster	30%			LIFE	* *	5	$2,400	
Site Enclosure								
Fence/Gates								
Chain Link	50%			2051	* *			
Chain Link	50%			2041	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			

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. 287/LADDER CO. 136
Asset # : 13173

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%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2041	* *	5		
Raceway								
Conduit	100%			2041	* *	1		
Panelboards								
Fused Disc Sw	5%			2039	* *	5		
Molded Case Bkrs	95%			2039	* *	5	$200	
Wiring								
Thermoplastic	100%			2041	* *	1		
Motor Controllers								
Locally Mounted	100%			2036	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$2,700	
Generators								
Diesel	100%			2040	* *	1	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 64 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$300	
Fuel Storage								
Day Tank	50%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 60 Gallons								
Main Tank	50%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallons								
Lighting								
Interior Lighting								
Fluorescent	70%			2036	$53,500	10	$5,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	30%			2039	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 287/LADDER CO. 136
Asset # : 13173

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	35%			2031	$1,900	1		
Emergency, Service	15%			2039	* *	1		
No Component	50%							
Exterior Lighting								
HID	30%			2031	$12,300	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%			2051	* *	1		
Conversion Equipment								
Furnace	50%			2036	$13,700	1	$2,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Rooftop								
Hot Water Boiler	50%			2036	$46,800	1	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 5 Boilers Piped Together								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$2,500	
Hot Wtr Piping/Pump	50%			2039	* *	4	$300	
Terminal Devices								
Air Handler	50%			2036	$82,800	1	$2,700	
Convector/Radiator	40%			2044	* *	1	$1,100	
Unit Heater - Steam	10%			2036	$5,000	4	$100	
Other Observation, Extent : N/A, Area Affected : 25%								
Location : Apparatus Room								
Explanation : 2 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	90%	0-2	$26,100	2031	$86,800	2	$400	
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Roof								
Explanation : The Air Conditioning Units Blows Hot Air Instead Of Cold Air. Building Extremly Hot In Summer								
Window/Wall Unit	10%			2029	$3,300	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Engine Office Room								
Explanation : Engine Office Air Conditioning Wall Unit Is Not Working								

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FIRE DEPARTMENT - 057
ENGINE CO. 287/LADDER CO. 136
Asset # : 13173

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	90%			LIFE	* *	2	$10,300	
No Component	10%							
Terminal Devices								
Air Handler/Cool/Ht	100%	0-2	$34,200	2031	$170,800	1	$4,900	
Other Observation, Extent : Severe, Area Affected : 75%								
Location : Rooftop Unit								
Explanation : The Air Conditioning System Is Malfunctioning.								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,900	
Exhaust Fans								
Interior	50%			2036	$19,500	2	$100	
Roof	50%			2036	$8,500	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	* *	1		
Water Heater With Tanks								
Electric	100%			2029	$23,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 120 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$300	4	$300	
Sewage Ejector(s)								
Electric	100%			2036	$4,600	4	$500	
Fixtures								
Generic	100%							
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Sink Constantly Backing Up.								
Fire Suppression								
Sprinkler								
No Component	25%							
Generic	75%			2051	* *	1-2	$1,800	
Chemical System								
Wet	5%			2029	$2,700	1-10	$1,500	
No Component	95%							

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 289/LADDER CO. 138**		
Address	: **97-28 43rd AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.289 / 13175**	**Yr Built/Renovated**	: **1913 / 2002**
Area Sq Ft	: **7,990**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **18-Oct-2023**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1628** **Lot** : **18**	**BIN**	: **4040712**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$223,400	
Interior Architecture	$404,700	
Electrical		$10,900
Mechanical	$63,700	
Total	**$691,700**	**$10,900**
Importance Code A	$223,400	
Importance Code B	$260,500	$10,900
Importance Code C	$207,800	
Total	**$691,700**	**$10,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$47,900	$2,800		$100
Interior Architecture	$97,000			$2,700
Electrical		$100		$100
Mechanical	$15,800	$8,200	$3,700	$3,800
Site Pavements	$12,300			
Total	**$173,000**	**$11,100**	**$3,700**	**$6,700**
Importance Code A	$48,600	$3,600	$700	$900
Importance Code B	$106,400	$7,500	$3,000	$5,800
Importance Code C	$18,000			
Total	**$173,000**	**$11,100**	**$3,700**	**$6,700**

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FIRE DEPARTMENT - 057
ENGINE CO. 289/LADDER CO. 138
Asset # : 13175

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 Iron	3%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Elevation								
Explanation : Decorative Metal Railing								
Masonry: Brick	50%			LIFE	* *	5	$12,900	
Masonry: Brick	17%	Now	$158,400	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Left And Rear Side Elevations								
Diagonal Cracks, Extent : Light, Area Affected : 10%								
Location : Rear Elevation								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Cracks, Extent : Severe, Area Affected : 60%								
Location : Left Side And Rear Elevations								
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Various Locations Specially Stair Area								
Masonry: Granite	3%			LIFE	* *	5	$600	
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Cornice At Front Elevation								
Masonry: Limestone	20%	2-4	$44,600	LIFE	* *	5	$3,900	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 2%								
Location : Front Elevation								
Metal Sect. OHD	7%			2048	* *	5	$5,700	
Windows								
Aluminum	100%			2051	* *	5	$1,700	
Parapets								
Copper/Terne	2%			2070	* *	5	$300	
Masonry: Brick Cavity	88%			LIFE	* *	5	$2,300	
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : All Sides								
Masonry: Granite	10%			LIFE	* *	5	$300	
Roof								
Copper/Terne	3%	0-2	$3,300	2050	* *			
Drains Clogged, Extent : Severe, Area Affected : 5%								
Location : 3rd Floor At Base Of Copper Roofs								
Modified Bitumen	85%	0-2	$65,000	2040	* *			
Alligatoring, Extent : Moderate, Area Affected : 10%								
Location : Upper Roof								
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Upper Roof								
Ponding, Extent : Light, Area Affected : 5%								
Location : Upper And Lower Roof								
Slate	12%			LIFE	* *			
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 289/LADDER CO. 138
Asset # : 13175

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	38%	0-2	$46,900	LIFE	* *	5	$11,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement And First Floor								
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Basement								
Mosaic Tile	10%			2040	* *	5	$3,300	
Quarry Tile	3%			2040	* *	5	$600	
Terrazzo	2%			LIFE	* *	5	$200	
Vinyl Tile	47%	2-4	$18,800	2045	* *	3	$2,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout								
Worn/Erode, Extent : Moderate, Area Affected : 40%								
Location : Various Locations Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$1,000	2038	* *	5	$400	
Adhesion Failure, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Women's Toilet								
Explanation : Toilet Partition Damaged.								
Masonry: Brick	25%	0-2	$89,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement Columns								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 5%								
Location : Basement Wall Near Sidewalk Hatch And 3rd Floor								
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Basement, Stairwell								
Granite Panels	5%	0-2	$17,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Bathroom								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Bathroom								
Plaster	65%	Now	$118,600	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Third Floor, Third Floor Roof Access								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Stair								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Stairwell, 3rd Floor Roof Access								

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FIRE DEPARTMENT - 057
ENGINE CO. 289/LADDER CO. 138
Asset # : 13175

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	$2,400	2048	* *	5	$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Engine Office, Restroom Next To Engine Office								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Engine Office, Restroom Next To Engine Office, Rear Sitting Room								
Exposed Struc: Concrete	10%	0-2	$10,900	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Exposed Struc: Steel	20%	2-4	$139,500	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Fireproof Material								
Plaster	65%	Now	$57,400	LIFE	* *	5	$5,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Second And Third Floor Restrooms								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Third Floor, Stairwell								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Second And Third Floor Restrooms And Engine Office								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2045	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$12,300	2055	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Sidewalk Hatch Leaking Into Basement								
Explanation : Leaking Hatch								
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			
Other Observation, Extent : N/A, Area Affected : 25%								
Location : Rear Yard								
Explanation : Under Construction								
Parking/Driveway								
Cast in Place Concrete	100%			2048	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 289/LADDER CO. 138
Asset # : 13175

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								
Activity Yard								
Cast in Place Concrete	100%			2048	* *			
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Rear Yard								
Explanation : Raised Wood Deck Patio								

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%			2045	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2045	* *	5		
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Molded Case Bkrs	80%			2043	* *	5	$200	
Molded Case Bkrs	20%			2034	$10,900	5		
Wiring								
Thermoplastic	25%			2035	$9,100	1		
Thermoplastic	75%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$100	
Stand-by Power								
Transfer Switches								
Under Construction	100%							
Generators								
Under Construction	100%							
Fuel Storage								
Under Construction	100%							
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Exterior Lighting								
HID	30%			2035	$12,300	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								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 289/LADDER CO. 138
Asset # : 13175

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%			2055	* *	1		
Conversion Equipment								
Heat Pump Air Sourced	10%			2040	* *	2	$200	
Steam Boiler	90%			2040	* *	1	$7,100	
Distribution								
Steam Piping/Pump	100%			2045	* *			
Terminal Devices								
Convector/Radiator	95%			2040	* *	1	$2,500	
No Component	5%							
Controls								
Electrical	100%			2033	$48,600			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	10%			2036	$13,800	2	$100	
Other Observation, Extent : Light, Area Affected : 10%								
Location : 2nd Floor								
Explanation : 2nd Floor								
Split Unit	20%			2040	* *			
Window/Wall Unit	35%	0-2	$5,800	2033	$11,600	1		
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	35%							
Terminal Devices								
Fan Coil - 2 Pipe	25%			2035	$43,400	1	$700	
No Component	75%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2040	* *	2	$1,100	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$900	
No Component	80%							
Exhaust Fans								
Interior	25%			2035	$9,700	2	$100	
Roof	5%			2035	$800	2		
Wall Unit	20%	Now	$800	2045	* *	2		
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : 1 Unit, Apparatus Floor								
No Component	50%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Second Floor Men's Bathroom And Locker Room								
Explanation : No Exhaust Fan								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 289/LADDER CO. 138
Asset # : 13175

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	90%			2055	* *	1		
Brass/Copper	10%	0-2	$200	2055	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2033	$37,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	0-2	$5,500	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Second Floor Bathroom Leaking								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$300	4	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$63,700	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression System 8 Feet X 5 Feet Which Equals 40 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 290/LADDER CO. 103**		
Address	: **480 SHEFFIELD AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.290 / 13176**	**Yr Built/Renovated**	: **1913 /**
Area Sq Ft	: **8,689**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **05-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3804** **Lot** : **43**	**BIN**	: **3084622**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$572,400	
Interior Architecture	$111,700	$194,900
Electrical		$130,000
Mechanical		$249,700
Total	**$684,100**	**$574,600**
Importance Code A	$572,400	$65,000
Importance Code B		$455,800
Importance Code C	$111,700	$53,800
Total	**$684,100**	**$574,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$27,000	$4,000	$1,200	
Interior Architecture	$106,300	$1,100		$600
Electrical	$4,200	$2,100	$300	$300
Mechanical	$42,000	$10,100	$5,300	$3,600
Total	**$179,600**	**$17,400**	**$6,800**	**$4,500**
Importance Code A	$27,800	$4,900	$2,000	$800
Importance Code B	$139,900	$12,500	$4,900	$3,800
Importance Code C	$11,900			
Total	**$179,600**	**$17,400**	**$6,800**	**$4,500**

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

FIRE DEPARTMENT - 057
ENGINE CO. 290/LADDER CO. 103
Asset # : 13176

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%			2053	* *	10	$200	
Cast Stone/Terra Cotta	3%	Now	$7,800	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Front Facade								
Concrete Masonry Unit	5%			LIFE	* *	5	$1,000	
Masonry: Brick	83%	Now	$444,600	LIFE	* *	5	$27,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Right Facade								
Masonry: Granite	2%			LIFE	* *	5	$500	
Metal Sect. OHD	5%	4+	$1,200	2046	* *	5	$2,500	
Deformed/Dented, Extent : Moderate, Area Affected : 2%								
Location : Inside Panels Of Door								
Windows								
Aluminum	100%			2049	* *	5	$2,400	
Parapets								
Masonry: Brick	35%	0-2	$18,100	LIFE	* *	5	$700	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 35%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	65%			2053	* *	5	$5,100	
Other Observation, Extent : N/A, Area Affected : 65%								
Location : Coping Stones								
Explanation : Metal Panel Cover								
Roof								
Asphalt Shingle	10%			2046	* *	10	$200	
Modified Bitumen	80%	Now	$127,900	2043	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Main Roof, Hose Tower								
Modified Bitumen	10%			2038	* *	10	$1,500	
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	$16,000	
Ceramic Tile	5%			2036	$41,100	5	$700	
Quarry Tile	10%			2038	* *	5	$2,200	
Vinyl Tile	35%	4+	$7,100	2033	$141,100	3	$1,900	
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.
Maintenance $ are aggregated over a ten-year period. 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. 290/LADDER CO. 103
Asset # : 13176

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%			2036	$53,800	5	$1,000	
Gypsum Board	10%			LIFE	* *	5	$1,200	
Masonry: Brick	30%	Now	$111,700	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Basement								
Plaster	25%	Now	$11,900	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Throughout, Apparatus Floor								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%	0-2	$3,500	2038	* *	5	$400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : 1st And 2nd Floor, Kitchen								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Exposed Struc: Concrete	20%	Now	$42,600	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Exposed Struc: Steel	35%	4+	$23,900	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Missing Fireproofing At Steel Beam In Cellar Boiler Room								
Corrosion/Rusting, Extent : Moderate, Area Affected : 2%								
Location : Cellar At Front								
Plaster	40%	0-2	$17,300	LIFE	* *	5	$3,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Free Standing Walls								
Masonry: Brick	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	60%			2042	* *			
Cast in Place Concrete	40%			2046	* *			

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. 290/LADDER CO. 103
Asset # : 13176

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	$65,000	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$200	
Raceway								
Conduit	100%			2033	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	95%			2032	$47,100	5	$200	
Wiring								
Thermoplastic	100%			2033	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	20%			2038	* *	10	$1,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Alley, Basement								
Fluorescent	5%	Now	$3,800	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
LED	75%			2041	* *			
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : CCTV Cameras Installed By Fire Department Personnel								

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%			2053	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 290/LADDER CO. 103
Asset # : 13176

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	20%			2046	* *	1	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Located In Front Of Members Room								
Steam Boiler	80%			2046	* *	1	$6,900	
Distribution								
Hot Wtr Piping/Pump	20%			2055	* *	4	$100	
Central Plant Steam Piping/Pmp	80%			2033	$195,500	4	$300	
Terminal Devices								
Convector/Radiator	90%	0-2	$19,200	2038	* *	1	$2,300	
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Leaking Radiators Leaking Throughout								
Unit Heater - Steam	10%			2038	* *	4	$100	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	30%			2041	* *	2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 4 Split Units. 410 A Refrigerant								
Split Unit	30%			2038	* *			
Window/Wall Unit	20%			2028	$6,600	1		
No Component	20%							
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2	$3,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$19,100	LIFE	* *	2-5	$4,800	
Needs Cleaning, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Exhaust Fans								
Roof	50%			2033	$8,400	2	$100	
Wall Unit	50%			2033	$1,900	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : Light, Area Affected : 2%								
Location : Basement								
Explanation : Two 75 Gallon Units								

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
ENGINE CO. 290/LADDER CO. 103
Asset # : 13176

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		
Sump Pump(s)								
Submersible	100%			2027	$300	4	$300	
Backflow Preventer								
No Component	95%							
Generic	5%			2033	$200	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	100%			2031	$54,300	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen, Covers 21 Square Feet								
Explanation : 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.*

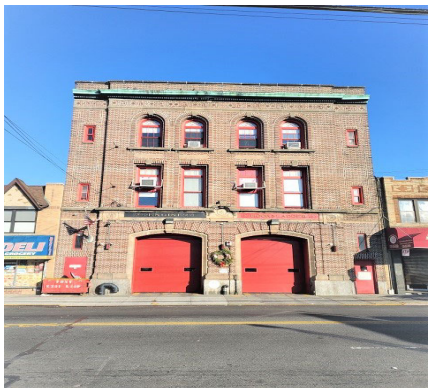
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 291/LADDER CO. 140**		
Address	: **56-07 METROPOLITAN AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.291 / 13177**	**Yr Built/Renovated**	: **1913 /**
Area Sq Ft	: **8,592**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **21-Dec-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2646** **Lot** : **18**	**BIN**	: **4440960**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$244,100	
Interior Architecture	$373,600	
Electrical		$65,000
Mechanical	$58,100	$110,400
Total	**$675,800**	**$175,400**
Importance Code A	$244,100	
Importance Code B	$251,900	$175,400
Importance Code C	$179,900	
Total	**$675,800**	**$175,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$43,800	$3,500		
Interior Architecture	$162,900			$1,600
Electrical	$300	$400	$400	$400
Mechanical	$18,300	$3,900	$3,700	$30,400
Site Pavements	$1,100			
Total	**$226,400**	**$7,800**	**$4,100**	**$32,400**
Importance Code A	$44,700	$4,300	$900	$900
Importance Code B	$130,700	$3,400	$3,200	$31,600
Importance Code C	$51,100			
Total	**$226,400**	**$7,800**	**$4,100**	**$32,400**



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. 291/LADDER CO. 140
Asset # : 13177

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%	Now	$35,600	LIFE	* *	5	$17,500	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Main Facade								
Copper/Terne	2%	Now	$60,100	2085	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Copper Fascia, Metropolitan Avenue								
Seams Open/Split, Extent : Moderate, Area Affected : 50%								
Location : Copper Fascia								
Masonry: Brick	80%	4+	$184,000	LIFE	* *	5	$22,300	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Hose Tower And Side Elevations								
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 2%								
Location : Metropolitan Avenue, Upper Side Elevations, And Hose Tower								
Masonry: Granite	5%	2-4	$8,200	LIFE	* *	5	$1,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Door Jambs								
Wood Overhead Doors	5%			2048	* *	5	$7,000	
Windows								
Aluminum	100%			2051	* *	5	$700	
Parapets								
Cast Stone/Terra Cotta	30%			LIFE	* *	5	$2,400	
Masonry: Brick	70%			LIFE	* *	5	$700	
Other Observation, Extent : N/A, Area Affected : 25%								
Location : Third Floor Roof Deck								
Explanation : Wooden Fence Attached To Parapets								
Roof								
Modified Bitumen	100%			2043	* *	10	$10,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Upper And Lower Roof								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Upper And Lower Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Upper And Lower Roof								
Explanation : Unsuccessful Roof Repair Works								
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. 291/LADDER CO. 140
Asset # : 13177

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%	Now	$91,900	LIFE	* *	5	$9,800	
Worn/Erode, Extent : Light, Area Affected : 100%								
Location : Second Floor Bunkroom								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus								
Explanation : Steel Columns Shoring Up Apparatus Room Floor From Basement Repair And Replacement Required								
Ceramic Tile	8%	0-2	$1,200	2038	* *	5	$500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Second And Third Floor Bathroom								
Marble Panels	4%	Now	$45,100	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Stairs								
Quarry Tile	5%	2-4	$900	2040	* *	5	$500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Sheet Vinyl/Rubber	10%			2040	* *	5	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Third Floor								
Explanation : For Gymnasium Flooring								
Vinyl Tile	20%	Now	$21,300	2043	* *	3	$1,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Throughout Second Floor								
Worn/Erode, Extent : Severe, Area Affected : 75%								
Location : Second Floor Corridor And Office								
Vinyl Tile 9" X 9"	18%	Now	$18,500	2045	* *	3	$900	
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Second And 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
ENGINE CO. 291/LADDER CO. 140
Asset # : 13177

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	30%	2-4	$11,700	2038	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen, Bathrooms								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Room								
Explanation : Historic Tiles In Need Of Restoration, Cleaning								
Gypsum Board	10%	4+	$300	LIFE	* *	5	$600	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Second And Third Floor Bunkrooms And Gymnasium								
Masonry: Brick	30%	Now	$179,900	LIFE	* *			
Paint Peeling, Extent : Severe, Area Affected : 70%								
Location : Throughout Basement, Hose Tower								
Water Penetration, Extent : Moderate, Area Affected : 75%								
Location : Rear Cellar								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Hose Tower								
Explanation : Opening Leaking To Below Womens Bathroom								
Plaster	30%	2-4	$38,300	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stairs, Second Floor Office								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Bath And Stair								
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Womens Bathroom Third Floor								
Explanation : Repair Works Halted, Water Penetration Everywhere.								

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FIRE DEPARTMENT - 057
ENGINE CO. 291/LADDER CO. 140
Asset # : 13177

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%	0-2	$24,400	2048	* *	5	$2,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Kitchen								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Womens Bathroom Third Floor								
Explanation : Repair Works Halted, Water Penetration.								
Exposed Struc: Concrete	25%	0-2	$101,900	LIFE	* *	5	$400	
Exposed Reinforcement, Extent : Moderate, Area Affected : 25%								
Location : Basement Cellar								
Paint Peeling, Extent : Moderate, Area Affected : 75%								
Location : Cellar								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Cellar								
Explanation : Ceiling Is Temporarily Shored With Steel Columns To Support Truck Loads								
Gypsum Board	30%	4+	$1,100	LIFE	* *	5	$4,100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Third Floor Bunkroom								
Recent Installation, Extent : N/A, Area Affected : 50%								
Location : Second Floor								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2055	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Right Side And Rear Of Property								
Explanation : Good Condition								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	95%			2048	* *			
Cast in Place Concrete	5%	0-2	$300	2048	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Front Of Property								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$800	2048	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Side Aisles								
Activity Yard								
Cast in Place Concrete	100%			2048	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Aisles								
Explanation : Barbecue Grill Area								

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FIRE DEPARTMENT - 057
ENGINE CO. 291/LADDER CO. 140
Asset # : 13177

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%			2035	$10,600	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Fused Disc Sw	30%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Service Switch Rated At 30 Amperes Serving The Solar Panels.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$200	
Raceway								
Conduit	100%			2035	$36,800	1		
Panelboards								
Molded Case Bkrs	50%			2043	* *	5	$100	
Molded Case Bkrs	50%			2034	$24,800	5	$100	
Wiring								
Thermoplastic	50%			2045	* *	1		
Thermoplastic	50%			2035	$16,600	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$3,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Camera								

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								

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FIRE DEPARTMENT - 057
ENGINE CO. 291/LADDER CO. 140
Asset # : 13177

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	20%			2045	* *	1		
Natural Gas	80%	Now	$900	2065	* *	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Cellar								
Explanation : All Distribution Piping Are Extremely Corroded From Apparatus Floor Leak.								
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$8,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	10%	0-2	$300	2045	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : Cellar								
Steam Piping/Pump	90%			2045	* *			
Terminal Devices								
Convector/Radiator	100%	0-2	$7,000	2040	* *	1	$2,500	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Explanation : Not Sufficient Heat								
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2030	$22,800	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$500	
No Component	90%							
Exhaust Fans								
Roof	10%	0-2	$100	2035	$1,700	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Third Floor Women Bathroom Is Not Working								
Wall Unit	20%	0-2	$700	2045	* *	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Room								
Explanation : Additional Ventilation Is Needed In Apparaus Room								
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	$110,400	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 291/LADDER CO. 140
Asset # : 13177

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 With Tanks								
Gas Fired	100%			2033	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Only One 75 Gallon Unit. Not Enough Capacity For The Users.								
Sanitary Piping								
Cast Iron	50%	0-2	$2,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Basement And Apparatus Floor								
Cast Iron	50%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$3,000	LIFE	* *	1		
Corroded, Extent : Severe, Area Affected : 20%								
Location : Basement								
Sump Pump(s)								
Submersible	100%	0-2	$100	2028	$300	4	$200	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Basement. Unit Is Not Working								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Kitchen Hood								
4 Feet X 5 Feet Which Equals 20 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 292/RESCUE CO. 4**		
Address	: **64-18 QUEENS BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.292 / 13178**	**Yr Built/Renovated**	: **1914 / 1999**
Area Sq Ft	: **7,657**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **20-Oct-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2325** **Lot** : **37**	**BIN**	: **4053652**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$643,800	$79,700
Interior Architecture	$66,600	
Total	**$710,300**	**$79,700**
Importance Code A	$643,800	$79,700
Importance Code C	$66,600	
Total	**$710,300**	**$79,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$900	$6,200		
Interior Architecture	$108,600	$2,200		$600
Electrical	$300	$400	$300	$400
Mechanical	$30,000	$1,300	$1,200	$54,100
Site Pavements	$700			
Total	**$140,400**	**$10,100**	**$1,500**	**$55,100**
Importance Code A	$1,700	$7,000	$800	$800
Importance Code B	$104,000	$3,200	$700	$54,300
Importance Code C	$34,800			
Total	**$140,400**	**$10,100**	**$1,500**	**$55,100**

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FIRE DEPARTMENT - 057
ENGINE CO. 292/RESCUE CO. 4
Asset # : 13178

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	73%	Now	$342,000	LIFE	* *	5	$20,800	
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : Right Side Elevation								
Horizontal Cracks, Extent : Severe, Area Affected : 15%								
Location : Upper Rear And Right Facade								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Right Facade								
Paint Peeling, Extent : Severe, Area Affected : 75%								
Location : Right Facade								
Masonry: Granite	2%	2-4	$900	LIFE	* *	5	$400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Base At Garage Corners								
Masonry: Limestone	10%	Now	$100,800	LIFE	* *	5	$2,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Cornice								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 100%								
Location : Cornice								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Cornice								
Staining/Discoloring, Extent : Severe, Area Affected : 20%								
Location : Cornice And Crown Banding At First Floor								
Metal Sect. OHD	10%			2048	* *	5	$8,900	
Stucco Cement	5%			2048	* *	5	$3,600	
Windows								
Aluminum	100%	Now	$148,700	2060	* *	5	$1,600	
Air Infiltration, Extent : Severe, Area Affected : 75%								
Location : All Facade								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : All Facade								
Weather Strip Missing, Extent : Severe, Area Affected : 20%								
Location : Seals, Gaskets At Windows Broken								
Parapets								
Cast Stone/Terra Cotta	25%			LIFE	* *	5	$5,300	
Masonry: Brick	75%	Now	$52,300	LIFE	* *	5	$2,100	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 20%								
Location : Lower Roof								
Paint Peeling, Extent : Severe, Area Affected : 25%								
Location : Lower Roof								
Other Observation, Extent : N/A, Area Affected : 40%								
Location : Upper Roof								
Explanation : Inaccessible								
Roof								
Modified Bitumen	80%			2035	$79,700	10	$7,300	
Roll Roofing	15%			2036	$8,900	5	$2,300	
Skylight, Metal/Glass	5%			2045	* *	10	$1,500	

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FIRE DEPARTMENT - 057
ENGINE CO. 292/RESCUE CO. 4
Asset # : 13178

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	65%	Now	$35,100	LIFE	* *	5	$18,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Workout Room On Third Floor								
Ceramic Tile	5%			2038	* *	5	$600	
Quarry Tile	3%	Now	$600	2040	* *	5	$300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Vinyl Tile	25%			2040	* *	3	$1,200	
Wood	2%			2063	* *	5	$500	
Interior Walls								
Ceramic Tile	10%	Now	$1,900	2038	* *	5	$900	
Adhesion Failure, Extent : Severe, Area Affected : 5%								
Location : Third And Second Floor Bathrooms								
Gypsum Board	30%	Now	$1,500	LIFE	* *	5	$3,100	
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Third Floor Bathroom								
Masonry: Brick	20%	Now	$66,600	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Exposed Brick, Stair								
Staining/Discoloring, Extent : Severe, Area Affected : 20%								
Location : Basement, Stair								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement, Stair								
SGFT/Glazed Masonry	40%	Now	$31,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Ceilings								
AcousTileSusp.Lay-In	10%			2040	* *	5	$1,300	
AcousTileSusp.Lay-In	20%			2048	* *	5	$2,500	
Exposed Struc: Concrete	40%	0-2	$38,100	LIFE	* *	5	$800	
Exposed Reinforcement, Extent : Severe, Area Affected : 10%								
Location : Basement Rear								
Exposed Struc: Steel	20%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Basement								
Explanation : Fireproof Materials								
Gypsum Board	10%			LIFE	* *	5	$1,600	
Site Pavements								

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FIRE DEPARTMENT - 057
ENGINE CO. 292/RESCUE CO. 4
Asset # : 13178

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	95%			2048	* *			
Cast in Place Concrete	5%	0-2	$700	2048	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Front Sidewalk								
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2048	* *			

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%			2045	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	5	$200	
Raceway								
Conduit	80%			2045	* *	1		
Conduit	20%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2043	* *	5		
Molded Case Bkrs	75%			2043	* *	5	$200	
Molded Case Bkrs	20%			2051	* *	5		
Wiring								
Thermoplastic	80%			2045	* *	1		
Thermoplastic	20%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	10%			2035	$6,700	10	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	90%			2040	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 292/RESCUE CO. 4
Asset # : 13178

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	100%			2040	* *	1		
Exterior Lighting								
LED	30%			2040	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2035	$14,400	1	$2,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2055	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$7,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Under Size Unit								
Distribution								
Steam Piping/Pump	100%	0-2	$3,100	2055	* *			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : The Only Thermostat In Building. Second Floor								
Terminal Devices								
Convector/Radiator	100%			2040	* *	1	$2,500	
Controls								
Electrical	100%	2-4	$21,300	2030	$42,600			
Broken, Extent : Moderate, Area Affected : 100%								
Location : Various Locations. Defective Thermostat								
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Split Unit	25%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Third Floor								
Explanation : Four Units. R-410a								
Window/Wall Unit	35%			2030	$10,200	1		
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	25%			2040	* *	1	$600	
No Component	75%							

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FIRE DEPARTMENT - 057
ENGINE CO. 292/RESCUE CO. 4
Asset # : 13178

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 Cooled Condenser Unit	25%			2040	* *	2	$1,300	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$600	
No Component	85%							
Exhaust Fans								
Interior	25%	0-2	$4,200	2040	* *	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : All Floors								
Explanation : No Exhaust Fan For 2 Bathrooms In Second Floor. The Other Bathrooms And Kitchen Exhaust Fans Are Working Poorly.								
Wall Unit	20%			2035	$700	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : One Under Size Wall Fan For Apparatus Floor, Poor Ventilation.								
No Component	55%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 2%								
Location : Basement Ceiling								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 293**		
Address	: **89-40 87th STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.293 / 13179**	**Yr Built/Renovated**	: **1915 / 2006**
Area Sq Ft	: **4,225**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **16-Apr-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **8968** **Lot** : **25**	**BIN**	: **4185536**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical		$58,100
Total		**$58,100**
Importance Code B		$58,100
Total		**$58,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$45,000	$2,100		
Interior Architecture	$23,100	$400	$1,700	
Electrical	$600	$500	$500	$2,900
Mechanical	$6,600	$3,200	$3,300	$3,200
Site Enclosure	$700			
Total	**$76,100**	**$6,100**	**$5,500**	**$6,100**
Importance Code A	$45,400	$2,500	$400	$400
Importance Code B	$23,000	$3,600	$4,100	$5,700
Importance Code C	$7,700		$1,100	
Total	**$76,100**	**$6,100**	**$5,500**	**$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
ENGINE CO. 293
Asset # : 13179

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	$27,800	
Masonry: Limestone	10%			LIFE	* *	5	$3,000	
Metal Panel	15%			2062	* *	5-10	$20,500	
Metal Sect. OHD	5%			2053	* *	5	$3,100	
Windows								
Aluminum	100%			2058	* *	5	$1,100	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$2,900	
Masonry: Brick	85%			LIFE	* *	5-10	$11,700	
Masonry: Limestone	5%			LIFE	* *	5-10	$1,200	
Metal Panel	5%			2056	* *	5	$400	
Roof								
Single Ply Membrane	90%			2044	* *	10	$5,900	
Sloped Glazing	10%	0-2	$10,900	LIFE	* *	5	$8,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : End Of Driveway								
Explanation : Plastic Corrugated Panels Movement								
Soffits								
Exposed Struc: Steel	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	45%	Now	$4,800	LIFE	* *	5	$6,200	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Floor								
Ceramic Tile	5%			2049	* *	5	$300	
Mosaic Tile	5%			2053	* *	5	$800	
Sheet Vinyl/Rubber	5%			2044	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Material Rubber Matt								
Sheet Vinyl/Rubber	5%			2044	* *	5	$500	
Wood	35%	0-2	$6,600	2064	* *	5	$2,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 35%								
Location : Second And Third Floor Corridors								
Interior Walls								
Ceramic Tile	20%			2049	* *	5	$2,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$400	
Gypsum Board	50%			LIFE	* *	5-10	$9,200	
Masonry: Brick	25%			LIFE	* *	10	$800	

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. 293
Asset # : 13179

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%	Now	$300	2053	* *	5	$500	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Bunk Room								
Exposed Struc: Steel	25%			LIFE	* *	10	$3,100	
Gypsum Board	60%	Now	$1,300	LIFE	* *	5	$4,600	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Office								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : 1st And 2nd Floor								
Explanation : Mold And Mildew								
Site Enclosure								
Fence/Gates								
Chain Link	70%			2062	* *			
Metal: Cage/Fence	30%	Now	$700	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Gate								
Explanation : Gate Very Heavy And Difficult To Operate								
Free Standing Walls								
Masonry: Brick	100%			2062	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : End Of Driveway								
Explanation : Glazed Masonry Brick								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2053	* *			
Parking/Driveway								
Asphalt	100%			2049	* *			

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%			2056	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2056	* *	5	$100	
Raceway								
Conduit	100%			2056	* *	1		
Panelboards								
Molded Case Bkrs	100%			2052	* *	5	$100	
Wiring								
Thermoplastic	100%			2056	* *	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. 293
Asset # : 13179

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%			2049	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2049	* *	1	$1,300	
Generators								
Diesel	100%			2045	* *	1	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : Emergency Generator Rated At 80 Kilowatts								
Batteries								
Lead/Acid	100%			2030	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2064	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : 168 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Exit, LED	50%			2064	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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		

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

FIRE DEPARTMENT - 057
ENGINE CO. 293
Asset # : 13179

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	20%			2041	* *	1	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Rooftop Package Units								
Steam Boiler	80%			2049	* *	1	$3,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	80%			2056	* *			
No Component	20%							
Terminal Devices								
Convector/Radiator	50%			2049	* *	1	$700	
Unit Heater - Steam	30%			2041	* *	4	$100	
No Component	20%							
Controls								
Electrical	100%			2034	$23,500			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	55%			2041	* *	2	$100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 2 Package Units, Roof								
Split Unit	5%			2036	$5,000			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Wall								
Explanation : 1 Unit.								
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2036	$3,900	1	$100	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2036	$400	2	$100	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$2,200	
No Component	40%							
Exhaust Fans								
Interior	20%			2041	* *	2		
Roof	30%			2044	* *	2		
No Component	50%							
Plumbing								

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

FIRE DEPARTMENT - 057
ENGINE CO. 293
Asset # : 13179

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%	0-2	$1,100	2056	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	0-2	$1,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$500	2031	$800	4	$100	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2036	$1,900	1	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2056	* *	1-2	$1,200	
Chemical System								
Generic	100%			2034	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 30 Square Feet								

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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 294/LADDER CO. 143**		
Address	: **101-02 JAMAICA AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.294 / 13180**	**Yr Built/Renovated**	: **1913 / 1999**
Area Sq Ft	: **6,979**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **08-Dec-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **9286** **Lot** : **6**	**BIN**	: **4194106**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$87,400	
Interior Architecture	$147,400	$129,900
Electrical		$130,000
Mechanical	$58,100	
Total	**$292,900**	**$259,900**
Importance Code A	$87,400	$65,000
Importance Code B	$152,000	$194,900
Importance Code C	$53,500	
Total	**$292,900**	**$259,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$43,700			$12,200
Interior Architecture	$72,100	$4,900		$600
Electrical	$17,300	$400	$300	$27,300
Mechanical	$27,800	$4,100	$3,600	$93,300
Site Pavements	$2,000			
Total	**$162,900**	**$9,300**	**$3,900**	**$133,300**
Importance Code A	$49,800	$700	$700	$13,000
Importance Code B	$91,000	$5,800	$3,200	$120,400
Importance Code C	$22,100	$2,800		
Total	**$162,900**	**$9,300**	**$3,900**	**$133,300**

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. 294/LADDER CO. 143
Asset # : 13180

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	$87,400	LIFE	* *	5	$21,200	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Roof Chimney								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : East And South Facade								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : East Side Yard								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Southeast Corner Of Walls								
Masonry: Granite	5%			LIFE	* *	5	$1,000	
Masonry: Limestone	5%			LIFE	* *	5	$1,000	
Metal Sect. OHD	10%			2040	* *	5	$8,300	
Windows								
Aluminum	85%	Now	$25,700	2043	* *	5	$900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 25%								
Location : Various Locations								
Other Observation, Extent : Light, Area Affected : 15%								
Location : Throughout								
Explanation : Missing And Or Broken Insect Screens								
Wood	15%	Now	$2,600	2043	* *	5	$1,600	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 100%								
Location : Second Floor North								
Parapets								
Cast Stone/Terra Cotta	10%	4+	$1,000	LIFE	* *	5	$2,100	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Coping Stones								
Masonry: Brick	85%	Now	$14,500	LIFE	* *	5	$2,300	
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Interior Facade								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Parapet Near Roof Hatch								
Metal Cornice	5%			2063	* *	10	$400	
Roof								
Modified Bitumen	80%			2040	* *	10	$8,000	
Single Ply Membrane	20%			2035	$41,100	10	$2,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear And Right Yard								
Explanation : This Is For Lower Roof								
Interior								

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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. 294/LADDER CO. 143
Asset # : 13180

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	43%	Now	$38,200	LIFE	* *	5	$9,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 35%								
Location : Throughout Basement								
Ponding, Extent : Severe, Area Affected : 40%								
Location : Throughout Basement								
Uneven Substrate, Extent : Severe, Area Affected : 75%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Apparatus Floor Temporarily Supported With Columns To Support Trucks, Permanent Repair Is Required								
Ceramic Tile	9%	0-2	$1,100	2044	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Marble Saddle To Kitchen								
Terrazzo	1%	Now	$200	LIFE	* *	5	$100	
Horizontal Cracks, Extent : Severe, Area Affected : 5%								
Location : Second Floor Shower Pan								
Vinyl Tile	45%	Now	$6,500	2035	$129,900	3	$1,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Closets On Second Floor								
Cracking/Crumbling, Extent : Severe, Area Affected : 35%								
Location : Second Floor At Multiple Locations								
Worn/Erode, Extent : Severe, Area Affected : 50%								
Location : Second Floor								
Wood	2%	Now	$200	2050	* *	5	$200	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Replace With Nonslip Steel Per Original, Strair Treads Are Wood								

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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. 294/LADDER CO. 143
Asset # : 13180

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%	Now	$2,500	2044	* *	5	$1,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen And Second Floor Bathroom								
Cracking/Crumbling, Extent : Severe, Area Affected : 3%								
Location : Kitchen								
Ceramic Tile	25%			2038	* *	5	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Tile Is Painted Over								
Gypsum Board	5%	4+	$300	LIFE	* *	5	$700	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 2%								
Location : Bathrooms								
Masonry: Brick	25%	Now	$53,500	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 90%								
Location : Basement								
Vertical Cracks, Extent : Severe, Area Affected : 2%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Throughout								
Worn/Erode, Extent : Moderate, Area Affected : 40%								
Location : Basement Street Front								
Plaster	35%	Now	$19,100	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Second Floor Interior Closets And At Second Floor Fire Pole Wall								
Loose/Delam Surface, Extent : Severe, Area Affected : 2%								
Location : Handrail To Basement								
Paint Peeling, Extent : Severe, Area Affected : 25%								
Location : Basement Stairs And Scuttle To Roof								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Second Floor Gymnasium, Locker Room, Office Second Floor And Cellar Stairs, Window Openings								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 294/LADDER CO. 143
Asset # : 13180

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	40%			2048	* *	5	$4,200	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Second Floor								
Exposed Struc: Concrete	30%	Now	$93,900	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Basement								
Diagonal Cracks, Extent : Severe, Area Affected : 2%								
Location : Beams In Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 10%								
Location : Expose Reinforcing Bars And Exposed Steel Incased In Concrete In Basement								
Loose/Delam Surface, Extent : Severe, Area Affected : 25%								
Location : Throughout Basement								
Paint Peeling, Extent : Severe, Area Affected : 90%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Below Apparatus Floor								
Explanation : Temporarily Shored By Steel Columns For Support, Future Repair And Replacement Is Required								
Gypsum Board	5%			LIFE	* *	5	$700	
Plaster	25%	Now	$4,000	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Near Fire Pole And At Various Penetration On Apparatus Floor								
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Apparatus Floor								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2045	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Fence In Backyard								
Explanation : Covered With Plastic Sheet For Privacy								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$1,800	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Front Of Firehouse								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Front Sidewalk								
Explanation : Water Penetrating Into Cellar From Sidewalk								

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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. 294/LADDER CO. 143
Asset # : 13180

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								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$200	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Rear And Side Walkway								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Rear Walkway								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Rear Walkway								
Explanation : Patching								

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%			2035	$65,000	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$200	
Raceway								
Conduit	90%			2035	$33,100	1		
Conduit	10%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	75%			2043	* *	5	$100	
Molded Case Bkrs	20%			2034	$9,900	5		
Wiring								
Braided Cloth	20%	4+	$6,700	2060	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	60%			2045	* *	1		
Thermoplastic	20%			2035	$6,700	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5		
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								

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FIRE DEPARTMENT - 057
ENGINE CO. 294/LADDER CO. 143
Asset # : 13180

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%			2030	$24,200	10	$2,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement, First Floor								
Explanation : T-8 Lamps								
LED	60%			2043	* *			
Egress Lighting								
Emergency, Battery	50%			2035	$5,900	10	$800	
Exit, Service	50%			2035	$1,500	1		
Exterior Lighting								
LED	20%			2035	$7,500			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$2,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Camera								

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%			2055	* *	1		
Natural Gas	60%	0-2	$500	2065	* *	1		
Corroded, Extent : Severe, Area Affected : 100%								
Location : Cellar Mechanical Room								
Conversion Equipment								
Steam Boiler	100%	0-2	$6,100	2048	* *	1	$6,200	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement. Boiler Plate Corroded Near The Burner								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	90%			2045	* *			
Steam Piping/Pump	10%	0-2	$3,400	2065	* *			
Corroded, Extent : Severe, Area Affected : 100%								
Location : Cellar Mechanical Room								
Terminal Devices								
Convector/Radiator	95%			2048	* *	1	$2,100	
Unit Heater - Steam	5%			2030	$2,000	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : 1 Unit Heater								

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FIRE DEPARTMENT - 057
ENGINE CO. 294/LADDER CO. 143
Asset # : 13180

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								
Controls								
Electrical	100%			2030	$38,800			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	30%	0-2	$5,000	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Side Wall								
Explanation : 3 Units, 2 Out Of 3 Inefficient Units. R-410a								
Window/Wall Unit	40%			2030	$10,600	1		
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	30%			2040	* *	1	$700	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2040	* *	2	$1,500	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$800	
No Component	80%							
Exhaust Fans								
Roof	20%			2035	$2,700	2		
Wall Unit	20%			2035	$600	2		
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Cellar Mechanical Room								
Explanation : Two 75 Gallon Heaters								
Sanitary Piping								
Cast Iron	100%	0-2	$8,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Second Floor Main Bathroom, First Floor Main Entrance And Front Side Of Basement								
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : First Floor								
Explanation : Sewage Occasional Back Up At Aparatus Room During Heavy Rain								

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FIRE DEPARTMENT - 057
ENGINE CO. 294/LADDER CO. 143
Asset # : 13180

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%	0-2	$1,200	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Sump Pump(s)								
Submersible	100%			2028	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Fire Supression On Kitchen Hood 4 Feet X 8 Feet Which Equals 32 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 295/LADDER CO. 144**		
Address	: **12-49 149th STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.295 / 13181**	**Yr Built/Renovated**	: **1913 /**
Area Sq Ft	: **7,626**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **09-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4505** **Lot** : **7**	**BIN**	: **4102462**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$352,200	$79,300
Interior Architecture	$1,171,000	$409,400
Electrical		$65,000
Mechanical		$58,100
Total	**$1,523,200**	**$611,900**
Importance Code A	$352,200	$79,300
Importance Code B	$1,013,900	$123,100
Importance Code C	$157,200	$409,400
Total	**$1,523,200**	**$611,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$42,800	$5,300		$5,700
Interior Architecture	$56,400			$600
Electrical	$10,400	$7,200	$100	
Mechanical	$27,600	$3,800	$3,500	$3,500
Site Enclosure	$20,800			
Site Pavements	$28,300			
Total	**$186,300**	**$16,400**	**$3,600**	**$9,800**
Importance Code A	$46,200	$6,000	$800	$6,500
Importance Code B	$54,900	$10,300	$2,800	$3,300
Importance Code C	$85,200			
Total	**$186,300**	**$16,400**	**$3,600**	**$9,800**

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FIRE DEPARTMENT - 057
ENGINE CO. 295/LADDER CO. 144
Asset # : 13181

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								
Copper/Terne	3%	Now	$4,900	2068	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : At Cornice								
Masonry: Brick	70%	Now	$352,200	LIFE	* *	5	$21,400	1
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Facade								
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : 3rd Floor Rear Wall								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Left, Right And Rear Facades								
Vertical Cracks, Extent : Severe, Area Affected : 20%								
Location : 3rd Floor Rear Wall And Side Elevations Near Corners								
Masonry: Granite	5%	4+	$6,000	LIFE	* *	5	$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Front Facade. Left Side								
Masonry: Limestone	10%			LIFE	* *	5	$2,300	
Metal Sect. OHD	12%			2050	* *	5	$11,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Apparatus Overhead Entry Door								
Windows								
Aluminum	95%	4+	$6,700	2049	* *	5	$1,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor								
Aluminum	5%	0-2	$7,000	2058	* *	5	$100	
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Steel Lintels At Rear 3rd Floor								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$3,000	
Copper/Terne	85%			2068	* *	5	$10,600	
Roof								
Modified Bitumen	73%			2033	$79,300	10	$7,300	
Roll Roofing	25%			2027	$16,100	5	$4,100	
Skylight, Metal/Glass	2%			2043	* *	10	$700	
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 295/LADDER CO. 144
Asset # : 13181

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	$544,400	LIFE	* *	5	$14,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Apparatus Room Floor								
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Basement								
Explanation : Temporary Steel Beams And Columns Shoring Up Apparatus Room Floor From Basement								
Ceramic Tile	5%			2042	* *	5	$600	
Marble Panels	2%	4+	$2,800	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stairs								
Quarry Tile	5%	4+	$2,400	2046	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Kitchen Area								
Steel Plate	2%	Now	$10,500	LIFE	* *	1		
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Stair To Basement, Several Loose Treads								
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Stair To Basement								
Vinyl Tile	36%	Now	$127,300	2043	* *	3	$1,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : 2nd Floor								
Other Observation, Extent : N/A, Area Affected : 75%								
Location : 2nd Floor								
Explanation : 9x9 Tiles								
Interior Walls								
Cast in Place Concrete	25%	Now	$157,200	LIFE	* *			
Spalling, Extent : Severe, Area Affected : 40%								
Location : Basement								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	45%			2036	$409,400	5	$7,400	
Plaster	30%	Now	$36,200	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement Stairs								
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Basement Stairs, Locker Room And Lounge On 3rd Floor								
Paint Peeling, Extent : Severe, Area Affected : 50%								
Location : Basement Stairs								

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FIRE DEPARTMENT - 057
ENGINE CO. 295/LADDER CO. 144
Asset # : 13181

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	$4,300	2046	* *	5	$600	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Dormitory								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Dormitory								
Exposed Struc: Concrete	15%	Now	$287,700	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 20%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement								
Explanation : Lolly Columns Are Rusting								
Gypsum Board	5%			LIFE	* *	5	$800	
Plaster	70%	Now	$54,500	LIFE	* *	5	$5,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Locker Room, Bunker Room And At Window Perimeters								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor And Roof Hatch, Locker Room								
Site Enclosure								
Fence/Gates								
Chain Link	50%	0-2	$20,800	2053	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Right Side Of Property								
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Right Side Of Property								
Chain Link	50%			2053	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$22,400	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Right Side								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Right Side								
Parking/Driveway								
Cast in Place Concrete	100%	2-4	$5,800	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Left Side Driveway								

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. 295/LADDER CO. 144
Asset # : 13181

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	$15,100	5		
Enclosure Corroded, Extent : Light, Area Affected : 20%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$200	
Enclosure Corroded, Extent : Light, Area Affected : 50%								
Location : Basement								
Raceway								
Conduit	80%			2033	$29,500	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	50%			2049	* *	5	$100	
Molded Case Bkrs	45%			2032	$22,300	5	$100	
Wiring								
Thermoplastic	60%			2033	$20,000	1		
Thermoplastic	40%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Lighting								
Interior Lighting								
Fluorescent	5%			2033	$3,300	10	$400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Kitchen								
LED	95%			2038	* *			
Exterior Lighting								
HID	20%			2028	$7,100	10		
LED	10%			2038	* *			
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%			2053	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 295/LADDER CO. 144
Asset # : 13181

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%	0-2	$3,300	2046	* *	1	$6,800	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Bolier Plate Corroded								
Distribution								
Central Plant Steam Piping/Pmp	100%			2043	* *	4	$600	
Terminal Devices								
Convector/Radiator	90%			2038	* *	1	$2,200	
Fan Coil Unit/Heat	10%			2033	$18,900	1	$300	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2027	$14,400	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Kitchen Exhaust								
No Component	95%							
Exhaust Fans								
Roof	5%			2033	$700	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Kitchen Exhaust								
Wall Unit	10%			2028	$300	2		
No Component	85%							
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2053	* *	1		
Galvanized Steel	90%	Now	$1,800	2038	* *	1		
Corroded, Extent : Severe, Area Affected : 10%								
Location : Some Equipment Around Meter								
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units. 74 Gallons								
Sanitary Piping								
Cast Iron	100%	0-2	$4,800	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Occasional Sewage Backup In Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 295/LADDER CO. 144
Asset # : 13181

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%			2027	$200	4	$200	
Backflow Preventer								
No Component	95%							
Generic	5%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Boiler								
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Fire Suppression								
Chemical System								
Generic	100%			2031	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression System Covers 24 Square Feet								

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

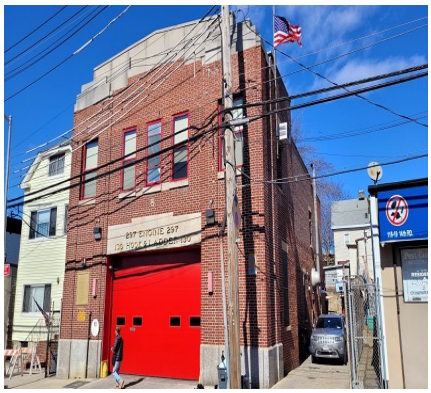
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 297/LADDER CO. 130**		
Address	: **119-11 14th ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.297 / 13183**	**Yr Built/Renovated**	: **1931 / 2012**
Area Sq Ft	: **5,676**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **17-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **4054** **Lot** : **17**	**BIN**	: **4098032**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$255,300	$92,500
Interior Architecture	$871,100	$98,000
Electrical		$65,000
Site Enclosure	$100,700	
Total	**$1,227,100**	**$255,600**
Importance Code A	$255,300	$92,500
Importance Code B	$971,800	$65,000
Importance Code C		$98,000
Total	**$1,227,100**	**$255,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture				$3,900
Interior Architecture	$25,300			$900
Electrical	$9,900			
Mechanical	$2,900	$9,400	$900	$800
Site Pavements	$48,900			
Total	**$87,000**	**$9,400**	**$900**	**$5,500**
Importance Code A	$600	$600	$600	$4,400
Importance Code B	$26,200	$8,800	$400	$1,100
Importance Code C	$60,200			
Total	**$87,000**	**$9,400**	**$900**	**$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. 297/LADDER CO. 130
Asset # : 13183

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	$255,300	LIFE	* *	5	$15,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Chimney								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Granite	2%			LIFE	* *	5	$300	
Masonry: Limestone	5%			LIFE	* *	5	$700	
Metal Sect. OHD	10%			2050	* *	5	$5,800	
Windows								
Aluminum	100%			2055	* *	5	$1,900	
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$2,300	
Masonry: Limestone	10%			LIFE	* *	5	$300	
Slate	5%			LIFE	* *	5	$100	
Roof								
Modified Bitumen	100%			2033	$92,500	10	$8,500	
Interior								
Floors								
Cast in Place Concrete	50%	Now	$390,100	LIFE	* *	5	$10,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Apparatus Floor								
Deflection Evident, Extent : Light, Area Affected : 10%								
Location : Apparatus Floor								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 70%								
Location : Basement								
Explanation : Steel Beams And Columns Shoring Up Apparatus Room Floor From Basement Below								
Ceramic Tile	5%			2042	* *	5	$500	
Vinyl Tile	45%	0-2	$11,400	2038	* *	3	$1,500	
Worn/Erode, Extent : Severe, Area Affected : 35%								
Location : Second Floor Throughout And Kitchen								
Interior Walls								
Cast in Place Concrete	20%			LIFE	* *			
Ceramic Tile	15%			2036	$98,000	5	$1,800	
Gypsum Board	15%			LIFE	* *	5	$1,100	
Masonry: Brick	10%	0-2	$11,300	LIFE	* *			
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : Basement Stairs								
Plaster	40%	4+	$2,300	LIFE	* *	5	$1,400	
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Roof Scuttle								

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. 297/LADDER CO. 130
Asset # : 13183

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	8%			2050	* *	5	$700	
Exposed Struc: Concrete	35%	Now	$481,000	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Lolly Columns Support Installed In Basement								
Plaster	57%			LIFE	* *	5	$3,300	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2043	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$100,700	2083	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$2,400	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 14th Road								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$46,500	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Driveway								
Tripping Hazard, Extent : Severe, Area Affected : 70%								
Location : Driveway In Front Of Doors								

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.
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FIRE DEPARTMENT - 057
ENGINE CO. 297/LADDER CO. 130
Asset # : 13183

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$65,000	5		
Raceway								
Conduit	50%			2043	* *	1		
Conduit	50%			2033	$18,400	1		
Panelboards								
Molded Case Bkrs	80%			2041	* *	5	$100	
Molded Case Bkrs	20%	2-4	$9,900	2058	* *	5		
Enclosure Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Wiring								
Thermoplastic	100%			2043	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$700	
Exit, LED	50%			2068	* *	1		
Exterior Lighting								
LED	30%			2041	* *			
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%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$5,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2050	* *	1	$1,800	
Air Conditioning								

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. 297/LADDER CO. 130
Asset # : 13183

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%			2041	* *	1		
Conversion Equipment								
Split Unit	10%			2041	* *			
Window/Wall Unit	40%			2028	$8,600	1		
No Component	50%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2041	* *	1	$200	
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2041	* *	2	$400	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$600	
No Component	80%							
Exhaust Fans								
Roof	20%			2038	* *	2		
Wall Unit	20%			2033	$500	2		
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	5%	0-2	$700	2043	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Brass/Copper	95%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallons Units								
Sanitary Piping								
Cast Iron	30%	0-2	$1,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Front Of The Basement								
Cast Iron	70%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	20%			LIFE	* *	1		
Cast Iron	80%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 298/LADDER CO. 127 BATTALION 50**		
Address	: **153-11 HILLSIDE AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.298 / 13184**	**Yr Built/Renovated**	: **1965 / 2007**
Area Sq Ft	: **7,937**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **22-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **9706** **Lot** : **66**	**BIN**	: **4207481**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$243,400	$135,500
Electrical	$13,800	$220,600
Mechanical	$54,300	
Total	**$311,500**	**$356,100**
Importance Code A	$243,400	$135,500
Importance Code B	$68,000	$220,600
Total	**$311,500**	**$356,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture		$7,100		
Interior Architecture	$30,300			$600
Electrical	$13,500	$4,400	$800	$800
Mechanical	$16,300	$23,700	$4,000	$3,200
Site Enclosure				
Site Pavements	$31,100			
Total	**$91,100**	**$35,200**	**$4,800**	**$4,600**
Importance Code A	$400	$7,500	$400	$400
Importance Code B	$47,800	$27,700	$4,400	$4,200
Importance Code C	$42,900			
Total	**$91,100**	**$35,200**	**$4,800**	**$4,600**

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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. 298/LADDER CO. 127 BATTALION 50

Asset # : 13184

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	$109,600	LIFE	* *	5	$13,300	1
Corrosion/Rusting, Extent : Moderate, Area Affected : 75%								
Location : Rusted Brick Relieving Angle								
Diagonal Cracks, Extent : Severe, Area Affected : 25%								
Location : Isolated At Multiple Locations Along The 4 Elevations								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Base Of Front Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Lower Section Of Front Facade								
Metal Panel	10%			2053	* *	5-10	$13,100	
Metal Sect. OHD	10%			2046	* *	5	$5,900	
Window Wall	10%			2053	* *	5	$7,100	
Windows								
Aluminum	100%	Now	$133,800	2058	* *	5	$1,400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Weather Strip Missing, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Windows Are Original, More Than 50 Years Old.								
Roof								
Built-Up (BUR)	100%			2033	$135,500	10	$11,600	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	$13,900	
Ceramic Tile	7%			2042	* *	5	$900	
Quarry Tile	7%			2046	* *	5	$1,300	
Vinyl Tile	36%	Now	$12,600	2038	* *	3	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Captain Office And Several 2nd Floor Locations								
Worn/Erode, Extent : Severe, Area Affected : 50%								
Location : House Watch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future 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. 298/LADDER CO. 127 BATTALION 50

Asset # : 13184

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								
Cast in Place Concrete	10%	0-2	$2,700	LIFE	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : South Basement Wall								
Ceramic Tile	10%			2042	* *	5	$1,800	
Concrete Masonry Unit	15%			LIFE	* *	5	$1,100	
Gypsum Board	15%	Now	$3,800	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Offices								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : 2nd Floor Offices								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Offices								
Plaster	20%	Now	$4,400	LIFE	* *	5	$1,100	
Water Penetration, Extent : Moderate, Area Affected : 100%								
Location : Captain Office At Window								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2046	* *	5	$1,300	
Exposed Struc: Concrete	20%			LIFE	* *	5	$400	
Plaster	70%	2-4	$5,400	LIFE	* *	5	$5,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Southeast 2nd Floor Office								
Site Enclosure								
Fence/Gates								
Aluminum Rail	35%			2046	* *	5-10	$800	
Other Observation, Extent : N/A, Area Affected : 35%								
Location : Roof								
Explanation : Guard Rail								
Chain Link	65%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$1,300	2046	* *			
Ponding, Extent : Moderate, Area Affected : 2%								
Location : Side Yard To The Right								

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. 298/LADDER CO. 127 BATTALION 50

Asset # : 13184

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	$29,700	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Curb Cut Ramp								
Sinking/Subsiding, Extent : Moderate, Area Affected : 100%								
Location : At The Edge Of Sidewalk And Curb Cut								
Tripping Hazard, Extent : Severe, Area Affected : 10%								
Location : Curb Cut Ramp								

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	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$200	
Raceway								
Conduit	90%			2033	$33,100	1		
Conduit	10%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	40%			2032	$19,900	5	$100	
Molded Case Bkrs	55%			2041	* *	5	$100	
Wiring								
Braided Cloth	30%	0-2	$10,000	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	50%			2033	$16,600	1		
Thermoplastic	20%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$2,400	
Generators								
Diesel	100%			2036	$101,800	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside The Building								
Explanation : One 81 Kilovolt Amperes								

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

ENGINE CO. 298/LADDER CO. 127 BATTALION 50

Asset # : 13184

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%			2027	$2,500	5	$300	
Fuel Storage								
Day Tank	50%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 60 Gallons								
Main Tank	50%			2036	$38,400	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallons Main Tank								
Lighting								
Interior Lighting								
Fluorescent	78%			2033	$53,800	10	$5,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	20%			2028	$13,800	10	$1,500	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : 1st Floor And Basement								
Incandescent	2%			2028	$2,000	2		
Egress Lighting								
Emergency, Service	60%			2033	$2,900	1		
Exit, Service	40%			2033	$1,400	1		
Exterior Lighting								
HID	20%			2033	$7,400	10		
No Component	80%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Camera								

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%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2050	* *	1	$3,900	
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$900	2041	* *	4	$400	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement. Corroded Hot Water Piping								

Note : 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. 298/LADDER CO. 127 BATTALION 50

Asset # : 13184

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	70%			2046	* *	1	$1,800	
Unit Heater - Steam	30%			2033	$13,500	4	$200	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	20%			2033	$23,400	1	$700	
Split Unit	10%			2038	* *			
Window/Wall Unit	55%	0-2	$1,700	2028	$16,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Various Location. Four Window, Wall Units Not Working								
No Component	15%							
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$2,100	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Serves Kitchen Air Conditioning Unit Only								
No Component	80%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : 80 Percent Of Air Conditioning Is From Window Units. No Ductwork								
Terminal Devices								
Fan Coil - 2 Pipe	20%			2033	$41,200	1	$500	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$900	
No Component	80%							
Exhaust Fans								
Interior	25%			2033	$8,800	2	$100	
Interior	25%	0-2	$8,800	2043	* *	2		
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Apparatus Room, 1 Of 2 Defective Exhaust Fans								
Roof	50%			2033	$7,700	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
No Water Meter, Extent : Light, Area Affected : 100%								
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. 298/LADDER CO. 127 BATTALION 50

Asset # : 13184

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 With Tanks								
Electric	50%			2031	$11,800	4		
Gas Fired	50%			2031	$8,500	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Indirect Water Heater. Boiler Is Heat Source. Used As Back Up To Solar Heating System.								
Sanitary Piping								
Cast Iron	95%			LIFE	* *	1		
Cast Iron	5%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$1,400	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Rear Courtyard And Apparatus Floor								
Explanation : Firehouse Is At The Base Of Hill And Experiences Backups During Heavy Rains.								
Sump Pump(s)								
Submersible	100%			2027	$200	4	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Dual Pumps								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	100%			2028	$54,300	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Over Range Kitchen Fire Suppression System Covers 21 Square Feet (3x7).								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 299/LADDER CO. 152**		
Address	: **61-20 UTOPIA PARKWAY**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.299 / 13185**	**Yr Built/Renovated**	: **1960 / 2006**
Area Sq Ft	: **5,920**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **07-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **6891** **Lot** : **3**	**BIN**	: **4148798**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$116,000	
Electrical		$130,000
Mechanical	$58,100	
Total	**$174,100**	**$130,000**
Importance Code A	$116,000	$65,000
Importance Code B	$58,100	$65,000
Total	**$174,100**	**$130,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$74,700			
Interior Architecture	$75,300		$27,800	$500
Electrical	$13,400	$1,100		
Mechanical	$21,400	$14,500	$3,100	$3,000
Site Enclosure	$7,400			
Total	**$192,100**	**$15,600**	**$30,900**	**$3,400**
Importance Code A	$74,900	$400	$300	$300
Importance Code B	$56,800	$15,200	$30,600	$3,200
Importance Code C	$60,300			
Total	**$192,100**	**$15,600**	**$30,900**	**$3,400**

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

FIRE DEPARTMENT - 057
ENGINE CO. 299/LADDER CO. 152
Asset # : 13185

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	$31,100	LIFE	* *	5	$18,900	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : Around Overhead Door								
Masonry: Limestone	5%			LIFE	* *	5	$800	
Metal Sect. OHD	5%	Now	$38,100	2053	* *	5	$1,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Overhead Door								
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Overhead Door								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Overhead Door								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Explanation : Often Malfunctions								
Windows								
Aluminum	100%	Now	$116,000	2058	* *	5	$1,200	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Rear Window								
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$2,700	
Masonry: Limestone	10%			LIFE	* *	5	$400	
Roof								
Modified Bitumen	100%	0-2	$5,500	2038	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	50%	4+	$8,300	LIFE	* *	5	$10,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Apparatus Floor								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : High Ground Water, 4 Sump Pumps Installed To Remove Ground Water								
Ceramic Tile	5%			2029	$27,600	5	$500	
Quarry Tile	5%			2031	$36,000	5	$700	
Vinyl Tile	40%	Now	$10,800	2038	* *	3	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 1st And 2nd 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. 299/LADDER CO. 152
Asset # : 13185

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								
Cast in Place Concrete	15%	Now	$15,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%			2036	$37,000	5	$700	
Concrete Masonry Unit	15%			LIFE	* *	5	$800	
Gypsum Board	5%	Now	$1,900	LIFE	* *	5	$400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : 1st Floor Dining Room, Televison Room, And Gymnasium								
Metal Panel	5%			LIFE	* *			
Plaster	35%	Now	$11,500	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement And Stairs								
SGFT/Glazed Masonry	20%	0-2	$24,200	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Throughout Garage Area								
Ceilings								
AcousTileSusp.Lay-In	10%	Now	$3,300	2046	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor Dining Room And Gymnasium								
Plaster	90%			LIFE	* *	5	$5,500	
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$7,400	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Side Driveway Gate								
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
Parking/Driveway								
Asphalt	100%			2042	* *			

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	$65,000	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 299/LADDER CO. 152
Asset # : 13185

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%			2033	$65,000	5	$200	
Raceway								
Conduit	95%			2033	$35,000	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	75%			2032	$37,200	5	$100	
Molded Case Bkrs	20%			2041	* *	5		
Wiring								
Braided Cloth	40%	2-4	$13,300	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement And 1st Floor								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	40%			2033	$13,300	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	40%			2033	$20,600	10	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor								
Explanation : T-8 Lamps								
LED	60%			2038	* *			
Exterior Lighting								
Fluorescent	4%			2028	$900	10		
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Roof Exit Door, Backyard Wall								
LED	16%			2038	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	$2,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								

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
ENGINE CO. 299/LADDER CO. 152
Asset # : 13185

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								
Hot Wtr Piping/Pump	100%	0-2	$2,600	2041	* *	4	$300	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Terminal Devices								
Convector/Radiator	85%	0-2	$2,100	2038	* *	1	$1,500	
Damaged, Extent : Moderate, Area Affected : 15%								
Location : Convector Covers, Various Locations								
Unit Heater - Hot Water	15%			2033	$5,300			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$4,500	2028	$11,200	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : The Units Are Down Constantly.								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$700	
No Component	80%							
Exhaust Fans								
Roof	20%			2033	$2,300	2		
Wall Unit	30%			2033	$800	2	$100	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2032	$8,500	2		
Gas Fired	50%	0-2	$5,100	2033	$8,500	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit Has Been Removed.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	0-2	$300	2028	$300	4	$100	
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Housings Of The Units, Basement.								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 4 Units. Pumps Are Running Constantly Due To Ground Water Or Other Source That Is Causing Flooding In Basement.								

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. 299/LADDER CO. 152
Asset # : 13185

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								
Chemical System								
Generic	100%			2027	$58,100	1-10	$29,000	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen, Covers 20 Square Feet							
	Explanation : 1 Set							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 3/ LADDER CO.12/ BATTALION 7**		
Address	: **152 WEST 19th STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.003 / 13002**	**Yr Built/Renovated**	: **1967 /**
Area Sq Ft	: **8,772**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **15-Nov-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **794** **Lot** : **64**	**BIN**	: **1014723**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$81,300	
Electrical		$65,000
Mechanical	$58,100	$50,200
Total	**$139,400**	**$115,200**
Importance Code A	$81,300	
Importance Code B	$58,100	$115,200
Total	**$139,400**	**$115,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$37,200	$8,400		$15,200
Interior Architecture	$1,700	$1,800		$400
Electrical	$14,300	$3,600	$1,000	$9,500
Mechanical	$4,700	$7,600	$4,300	$9,900
Site Enclosure				
Total	**$57,800**	**$21,400**	**$5,300**	**$35,000**
Importance Code A	$37,700	$8,800	$400	$15,600
Importance Code B	$20,100	$11,800	$4,800	$19,400
Importance Code C		$800		
Total	**$57,800**	**$21,400**	**$5,300**	**$35,000**

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. 3/ LADDER CO.12/ BATTALION 7
Asset # : 13002

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								
Glazed Ceramic Panel	30%	0-2	$9,200	LIFE	* *	5	$26,400	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Masonry: Brick	60%	0-2	$18,500	LIFE	* *	5	$11,300	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 10%								
Location : Chimney And Stair Bulkhead								
Metal Sect. OHD	10%			2048	* *	5	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Apparatus Entrance Door								
Explanation : Fiberglass Overhead Door								
Windows								
Aluminum	100%	Now	$81,300	2060	* *	5	$900	
Air Infiltration, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Hardware Missing, Extent : Light, Area Affected : 15%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Thermally Inefficient								
Parapets								
Glazed Ceramic Panel	8%	Now	$1,700	2055	* *	5	$400	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Front Facade								
Worn/Erode, Extent : Light, Area Affected : 5%								
Location : Front Of Building								
Masonry: Brick	70%	2-4	$7,800	LIFE	* *	5	$3,100	
Vertical Cracks, Extent : Light, Area Affected : 2%								
Location : Front Of Building								
Metal Panel	6%			2055	* *	5	$1,000	
Metal Rail	8%			2048	* *	5-10	$6,400	
Metal: Cage/Fence	8%			2048	* *	5-10	$2,700	
Roof								
Modified Bitumen	100%			2040	* *	10	$14,600	
Interior								
Floors								
Cast in Place Concrete	35%			LIFE	* *	5	$8,800	
Ceramic Tile	5%			2048	* *	5	$600	
Quarry Tile	5%			2040	* *	5	$900	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$500	
Vinyl Tile	50%			2043	* *	3	$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. 3/ LADDER CO.12/ BATTALION 7
Asset # : 13002

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%			2048	* *	5	$1,500	
Concrete Masonry Unit	20%			LIFE	* *	5	$1,200	
Gypsum Board	40%			LIFE	* *	5	$3,700	
Plaster	5%			LIFE	* *	5	$200	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	45%	Now	$1,700	2052	* *	5	$2,500	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : First Floor Office								
Exposed Struc: Concrete	50%			LIFE	* *	5	$900	
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Plaster	5%			LIFE	* *	5	$300	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2035	$26,500			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			

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%			2035	$10,600	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Fused Disc Sw	30%			2055	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$200	
Raceway								
Conduit	30%			2055	* *	1		
Conduit	70%			2035	$25,800	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	55%			2034	$27,300	5	$100	
Molded Case Bkrs	40%			2051	* *	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
ENGINE CO. 3/ LADDER CO.12/ BATTALION 7
Asset # : 13002

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								
Braided Cloth	40%	2-4	$13,300	2060	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	20%			2035	$6,700	1		
Thermoplastic	40%			2055	* *	1		
Motor Controllers								
Locally Mounted	70%			2033	$12,800	5		
Locally Mounted	30%			2048	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$2,700	
Generators								
Diesel	100%			2038	* *	1	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Roof								
Explanation : One 80 Kilovolt Ampere								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$300	
Fuel Storage								
Day Tank	50%			2051	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Roof								
Explanation : One 60 Gallons								
Main Tank	50%			2038	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallons								
Lighting								
Interior Lighting								
Fluorescent	10%			2030	$7,600	10	$800	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
LED	90%			2043	* *			
Egress Lighting								
Emergency, Service	50%			2043	* *	1		
Exit, Service	50%			2043	* *	1		
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								

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

FIRE DEPARTMENT - 057
ENGINE CO. 3/ LADDER CO.12/ BATTALION 7
Asset # : 13002

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								
Generic	100%			2035	$16,500	1	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior Only								
Explanation : Cameras Security System Only								

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%			2055	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2048	* *	1	$4,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	$600	
Terminal Devices								
Convector/Radiator	70%			2033	$50,200	1	$2,000	
Unit Heater - Hot Water	30%	0-2	$300	2043	* *			
Not in Service, Extent : Moderate, Area Affected : 30%								
Location : 1 Unit, Apparatus Floor								
Controls								
Electrical	100%			2033	$48,800			
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Split Unit	30%			2043	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit On Roof, Serving Second Floor.								
Window/Wall Unit	20%			2030	$6,600	1		
No Component	50%							
Terminal Devices								
Fan Coil - 2 Pipe	30%			2043	* *	1	$900	
No Component	70%							
Heat Rejection								
Evaporative Condenser	30%			2043	* *	2	$1,800	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,900	

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. 3/ LADDER CO.12/ BATTALION 7
Asset # : 13002

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	50%			2040	* *	2	$100	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	10%	0-2	$600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor. Clogged Drain And Occasional Sewer Backup								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$300	4	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Unit Serves 20 Square Feet In Kitchen Area								

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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **06-Dec-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **10464** **Lot** : **25**	**BIN**	: **4222434**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$295,000	
Interior Architecture	$150,400	
Electrical	$3,500	$79,700
Mechanical	$113,600	
Total	**$562,400**	**$79,700**
Importance Code A	$295,000	
Importance Code B	$267,400	$79,700
Total	**$562,400**	**$79,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$59,200	$1,200		$7,200
Interior Architecture	$107,600	$300		$1,800
Electrical	$10,400	$100		$500
Mechanical	$16,800	$3,800	$4,200	$84,500
Site Enclosure	$5,000			
Site Pavements	$2,400			
Total	**$201,300**	**$5,500**	**$4,200**	**$94,100**
Importance Code A	$59,900	$2,100	$800	$8,200
Importance Code B	$83,300	$3,300	$3,400	$85,900
Importance Code C	$58,000			
Total	**$201,300**	**$5,500**	**$4,200**	**$94,100**

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. 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	80%	Now	$157,300	LIFE	* *	5	$19,100	
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : Hose Tower At Window Openings And Corners								
Efflorescence, Extent : Severe, Area Affected : 5%								
Location : North Facade								
Repointing Failure, Extent : Moderate, Area Affected : 35%								
Location : Side, Rear Facades And Hose Tower								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Hose Tower, North Facade Building Extension Joint And At Base Perimeter								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Top Portion Of Building And Tower								
Explanation : Netting Added Four Years Ago Due To Falling Brick								
Granite Panels	10%	Now	$29,400	LIFE	* *	5	$1,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Window Sill And Corner At Overhead Door Opening								
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Hose Tower, Sills And Lintels								
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Window Sills And Building Base								
Wood Overhead Doors	10%			2040	* *	5	$11,900	
Windows								
Aluminum	100%	Now	$137,700	2060	* *	5	$1,300	1
Air Infiltration, Extent : Moderate, Area Affected : 70%								
Location : All Facades								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : All Facades								
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : All Facades								
Unit Inoperable, Extent : Severe, Area Affected : 20%								
Location : All Facades								
Other Observation, Extent : Light, Area Affected : 25%								
Location : First Floor								
Explanation : Metal Protective Grilles								
Parapets								
Masonry: Granite	100%	Now	$25,400	LIFE	* *	5	$800	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 10%								
Location : Rear Facade Pitched Roof								
Repointing Failure, Extent : Severe, Area Affected : 30%								
Location : Hose Tower, Front And Rear Granite And Brick Joints								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Rear Facade								

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. 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								
Roof								
Asphalt Shingle	80%	Now	$4,300	2038	* *			
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Crickets At Hose Tower								
Copper/Terne	5%			2050	* *	10	$1,200	
Roll Roofing	15%			2031	$9,700	5	$2,500	
Soffits								
Aluminum Sunshades	100%			2038	* *	10	$1,200	
Interior								
Floors								
Cast in Place Concrete	35%	0-2	$18,000	LIFE	* *	5	$9,300	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Apron Of Apparatus Room Into Basement Tool Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Below Apparatus Room								
Explanation : Structurally Insufficient, Steel Shoring Supporting Apparatus Floor								
Ceramic Tile	5%			2038	* *	5	$600	
Quarry Tile	5%	Now	$2,200	2040	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Vinyl Tile	45%	Now	$3,000	2030	$150,400	3	$2,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Second Floor								
Wood	10%			2050	* *	5	$2,300	

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*** 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								
Interior Walls								
Cast in Place Concrete	5%	Now	$19,100	LIFE	* *			
Horizontal Cracks, Extent : Severe, Area Affected : 5%								
Location : Rear Wall In Gymnasium								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Basement Window Openings, North And West Perimeter Walls								
Gypsum Board	20%	Now	$4,700	LIFE	* *	5	$2,000	
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Stair To Third Floor, Locker Room, Engine Officers Bedroom, Third Floor Recreation Room Walls On South And West Walls								
Masonry: Brick	10%	Now	$16,000	LIFE	* *			
Diagonal Cracks, Extent : Severe, Area Affected : 15%								
Location : Hose Tower								
Efflorescence, Extent : Severe, Area Affected : 10%								
Location : Third Floor Walls								
Plaster	15%	Now	$12,300	LIFE	* *	5	$800	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Hose Tower								
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Hose Tower, Second Floor Laundry Area, Bathroom, Locker Room, Officers Bedroom Exterior Wall, Stairs To Basement And Third Floor Stair								
Horizontal Cracks, Extent : Severe, Area Affected : 10%								
Location : Hose Tower								
Paint Peeling, Extent : Severe, Area Affected : 100%								
Location : Hose Tower								
Water Penetration, Extent : Severe, Area Affected : 45%								
Location : Hose Tower, Pole Hole And Various Locations Throughout								
SGFT/Glazed Masonry	50%			LIFE	* *			

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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	$1,700	2040	* *	5	$300	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Locker Room								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Second Floor								
Staining/Discoloring, Extent : Severe, Area Affected : 15%								
Location : Throughout Second Floor								
Worn/Erode, Extent : Severe, Area Affected : 50%								
Location : Dormitory								
Exposed Struc: Concrete	5%	Now	$3,900	LIFE	* *	5	$100	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Hose Tower, First Floor Apparatus Floor And Cellar Ceiling								
Gypsum Board	15%	Now	$2,700	LIFE	* *	5	$2,000	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Stair To Third Floor								
Explanation : Mold								
Plaster	75%	Now	$23,900	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Gear Room On First Floor And Various Areas At Second Floor								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Hose Tower, Locker Room, Engine Officers Bedroom, Stair								
Site Enclosure								
Fence/Gates								
Chain Link	100%	4+	$3,800	2045	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 5%								
Location : Rusted Hinges At Front Facade								
Impact Damage, Extent : Light, Area Affected : 10%								
Location : Rear Yard								
Retaining Walls								
Cast in Place Concrete	100%	4+	$1,100	2055	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Rear Of Property								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	95%			2048	* *			
Cast in Place Concrete	5%	0-2	$300	2052	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Front And Right Side Of Property								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$1,700	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Left Side And Rear Of Property								

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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
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%	2-4	$400	2040	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Driveway								

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%			2045	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	5	$300	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Molded Case Bkrs	100%			2043	* *	5	$300	
Wiring								
Thermoplastic	100%			2045	* *	1		
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
Fluorescent	92%			2035	$79,700	10	$8,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	4%			2030	$3,500	10	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement, First Floor								
Explanation : T-12 Lamps								
LED	4%			2043	* *			
Egress Lighting								
Emergency, Battery	30%			2035	$5,000	10	$700	
Exit, Service	70%			2035	$3,000	1		
Exterior Lighting								
LED	30%			2043	* *			
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Heating								
Energy Source								
Electricity	20%			2045	* *	1		
Natural Gas	80%			2045	* *	1		
Conversion Equipment								
Heat Pump Air Sourced	20%			2036		2	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Third Floor								
Explanation : 4 Units								
Steam Boiler	80%			2048	* *	1	$7,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	80%			2045	* *			
No Component	20%							
Terminal Devices								
Convector/Radiator	80%			2040	* *	1	$2,600	
Fan Coil Unit/Heat	20%			2040	* *	1	$600	
Controls								
Electrical	100%			2030	$55,400			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	10%	0-2	$1,200	2030	$23,700			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units. Various								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Various								
Explanation : Inefficient Units								
Split Unit	10%	0-2	$4,700	2035	$23,700			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Third Floor								
Explanation : 2 Inefficient Units. R-410a								
Window/Wall Unit	50%			2030	$18,900	1		
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	20%			2035	$42,600	1	$600	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2035	$4,000	2	$1,400	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$1,700	
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Ventilation								
Exhaust Fans								
Interior	20%			2035	$8,800	2	$100	
Roof	10%	0-2	$200	2035	$1,900	2		
Noisy/Vibrating, Extent : Moderate, Area Affected : 50%								
Location : Bathroom Fan, Roof								
Wall Unit	20%			2035	$900	2	$100	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	0-2	$6,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : On Both Sides And The Rear Side Of The Building								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$300	4	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression System 5 Feet X 10 Feet Which Equals 50 Square Feet Over Kitchen Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 302/LADDER CO. 155**		
Address	: **143-15 ROCKAWAY BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.302 / 13187**	**Yr Built/Renovated**	: **1931 /**
Area Sq Ft	: **5,704**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **14-Mar-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **12046** **Lot** : **2**	**BIN**	: **4261544**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$59,100	
Interior Architecture		$70,800
Mechanical	$58,100	
Total	**$117,300**	**$70,800**
Importance Code A	$59,100	
Importance Code B	$58,100	$70,800
Total	**$117,300**	**$70,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$25,100		$3,400	
Interior Architecture	$34,500		$1,100	$600
Electrical	$100		$100	
Mechanical	$10,200	$3,200	$4,200	$3,200
Site Pavements	$5,600			
Total	**$75,600**	**$3,200**	**$8,700**	**$3,800**
Importance Code A	$25,700	$500	$3,900	$500
Importance Code B	$39,300	$2,700	$4,800	$3,000
Importance Code C	$10,600			$300
Total	**$75,600**	**$3,200**	**$8,700**	**$3,800**

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

FIRE DEPARTMENT - 057
ENGINE CO. 302/LADDER CO. 155
Asset # : 13187

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	10%			2056	* *	10	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : West Side								
Explanation : One Storey Attached To The Building								
Masonry: Brick	70%	2-4	$59,100	LIFE	* *	5	$14,400	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : North And South Facades								
Masonry: Granite	3%			LIFE	* *	5	$900	
Masonry: Limestone	7%			LIFE	* *	5	$2,200	
Metal Sect. OHD	10%			2049	* *	5	$6,400	
Windows								
Aluminum	100%	Now	$12,200	2052	* *	5	$300	
Air Infiltration, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 35%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Bunk Room And Office								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$2,500	
Masonry: Brick	95%			LIFE	* *	5-10	$11,300	
Roof								
Asphalt Shingle	10%			2039	* *	10	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : West Side								
Explanation : One Storey Structure Attached To The Building, Plus Gazebo								
Modified Bitumen	90%			2044	* *	10	$7,800	
Soffits								
Exposed Struc: Wood	100%			LIFE	* *	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : North Yard								
Explanation : Gazebo								
Interior								

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. 302/LADDER CO. 155
Asset # : 13187

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	51%	2-4	$7,400	LIFE	* *	5	$9,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout								
Ceramic Tile	5%			2039	* *	5	$400	
Poured Epoxy/Resin	2%			2031	$9,600			
Quarry Tile	5%			2041	* *	5	$600	
Sheet Vinyl/Rubber	5%			2036	$27,900	5	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Second Floor								
Explanation : Exercise Room								
Terrazzo	2%	0-2	$300	LIFE	* *	5	$100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	30%	Now	$1,400	2036	$70,800	3	$1,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$1,300	
Ceramic Tile	10%			2045	* *	5	$500	
Gypsum Board	10%			LIFE	* *	5-10	$900	
Masonry: Brick	10%			LIFE	* *	10	$200	
Plaster	35%	Now	$2,300	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Roof Hatch								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Second Floor								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$700	
Ceilings								
AcousTileSusp.Lay-In	20%			2049	* *	5	$1,700	
Exposed Struc: Steel	40%	Now	$16,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bilco Door								
Gypsum Board	2%			LIFE	* *	5-10	$600	
Plaster	38%			LIFE	* *	5-10	$5,600	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2056	* *			
Free Standing Walls								
Wood	100%			LIFE	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : North Yard								
Explanation : Open Gazebo With Wood Columns								
Site Pavements								

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FIRE DEPARTMENT - 057
ENGINE CO. 302/LADDER CO. 155
Asset # : 13187

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%			2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Front Sidewalk								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$1,100	2049	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : North Side								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$4,500	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Overhead Door Apron								

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%			2036	$10,600	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Fused Disc Sw	30%			2062	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Service Disconnect Switch Rated At 60 Amperes Serving The Solar Panels.								
Switchgear / Switchboard								
Molded Case Bkrs	50%			2046	* *	5	$100	
Molded Case Bkrs	50%			2062	* *	5	$100	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Molded Case Bkrs	100%			2044	* *	5	$200	
Wiring								
Thermoplastic	100%			2046	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							

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FIRE DEPARTMENT - 057
ENGINE CO. 302/LADDER CO. 155
Asset # : 13187

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	20%			2036	$3,500	1	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Ceiling Of Apparatus Floor								
Explanation : 1 Gasoline Fired Modine Unit								
Steam Boiler	80%			2041	* *	1	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	80%			2036	$36,500			
No Component	20%							
Terminal Devices								
Convector/Radiator	80%			2041	* *	1	$1,500	
No Component	20%							
Controls								
Electrical	100%			2031	$31,700			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	Now	$4,300	2036	$4,300	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Window/Wall Unit	30%			2031	$6,500	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$500	
No Component	90%							
Exhaust Fans								
Roof	10%			2036	$1,100	2		
Wall Unit	10%	Now	$200	2046	* *	2		
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Wall Unit	15%			2036	$400	2		
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 302/LADDER CO. 155
Asset # : 13187

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 With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$1,400	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 15%								
Location : Basement House Trap And 1st Floor Mens Bathroom								
Leak Evident, Extent : Severe, Area Affected : 2%								
Location : 2nd Floor Bathroom								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	4+	$500	2029	$1,000	4	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Pits With 1 Pump In Each								
Fixtures								
Generic	100%							
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Explanation : Sinks. Aged Equipment								
Fire Suppression								
Chemical System								
Generic	100%	0-2	$2,900	2029	$58,100	1	$22,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Aged Set Covers 20 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 303/LADDER CO. 126**		
Address	: **104-12 PRINCETON STREET @ LIBERTY AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.303 / 13188**	**Yr Built/Renovated**	: **1931 / 2007**
Area Sq Ft	: **5,610**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **07-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **10046** **Lot** : **14**	**BIN**	: **4214846**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$1,087,600	
Interior Architecture	$176,400	$142,900
Mechanical	$58,100	
Total	**$1,322,100**	**$142,900**
Importance Code A	$1,087,600	
Importance Code B	$234,600	$77,600
Importance Code C		$65,400
Total	**$1,322,100**	**$142,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$49,200	$10,500		
Interior Architecture	$42,900			$500
Electrical		$100		
Mechanical	$15,400	$45,100	$3,300	$3,200
Site Enclosure	$13,800			
Total	**$121,300**	**$55,700**	**$3,300**	**$3,800**
Importance Code A	$49,800	$11,100	$600	$600
Importance Code B	$32,300	$44,600	$2,700	$3,200
Importance Code C	$39,200			
Total	**$121,300**	**$55,700**	**$3,300**	**$3,800**

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

FIRE DEPARTMENT - 057
ENGINE CO. 303/LADDER CO. 126
Asset # : 13188

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%			2043	* *	10	$1,000	
Masonry: Brick	55%	Now	$565,900	LIFE	* *	5	$11,500	
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : West Facade								
Painted Surfaces, Extent : Moderate, Area Affected : 75%								
Location : North, South And West Facades								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 25%								
Location : South And West Facades								
Masonry: Brick	15%	Now	$257,200	LIFE	* *	5	$3,100	1
Misaligned/Bulging, Extent : Severe, Area Affected : 100%								
Location : Front Facade								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Facade								
Explanation : Leaning Sections								
Masonry: Limestone	5%	Now	$49,200	LIFE	* *	5	$800	
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Front Facade								
Granite Panels	2%			LIFE	* *	5	$300	
Wood Overhead Doors	8%			2053	* *	5	$8,300	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Front Elevation								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Elevation								
Explanation : Door Is A Plastic Composite Product								
Windows								
Aluminum	100%	Now	$92,600	2058	* *	5	$1,000	
Unit Inoperable, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Parapets								
Masonry: Brick	85%	Now	$171,900	LIFE	* *	5	$2,300	1
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Front Facade								
Painted Surfaces, Extent : Moderate, Area Affected : 75%								
Location : North, South And West Facades								
Masonry: Limestone	10%			LIFE	* *	5	$300	
Pre-cast Concrete	5%			LIFE	* *	5	$800	
Roof								
Asphalt Shingle	25%			2036	$11,400	10	$400	
Modified Bitumen	75%			2038	* *	10	$6,300	
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 303/LADDER CO. 126
Asset # : 13188

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	$62,400	LIFE	* *	5	$8,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Basement Steps								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Shower Pan In Captain's Office								
Ceramic Tile	15%			2036	$77,600	5	$1,400	
Vinyl Tile	45%	0-2	$114,000	2043	* *	3	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Second Floor								
Interior Walls								
Cast in Place Concrete	5%	Now	$2,300	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement At Utility Penetrations								
Ceramic Tile	10%			2036	$65,400	5	$1,200	
Gypsum Board	15%			LIFE	* *	5	$1,100	
Masonry: Brick	15%			LIFE	* *			
Plaster	40%	Now	$23,100	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Captains Office								
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%	0-2	$9,200	2046	* *	5	$500	
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Kitchen And Bathroom								
Worn/Erode, Extent : Moderate, Area Affected : 75%								
Location : Kitchen And Bathroom								
Exposed Struc: Steel	30%			LIFE	* *			
Plaster	60%	0-2	$8,400	LIFE	* *	5	$3,400	
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Garage								
Site Enclosure								
Fence/Gates								
Chain Link	100%	0-2	$13,800	2043	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Side Yards								
Explanation : Leaning Sections								
Site Pavements								

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FIRE DEPARTMENT - 057
ENGINE CO. 303/LADDER CO. 126
Asset # : 13188

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%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			
Cracking/Crumbling, Extent : Moderate, 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								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2043	* *	5	$100	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$100	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	98%			2033	$47,800	10	$5,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$4,700	10	$700	
Exit, Battery	50%			2033	$4,000	10	$200	
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							

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FIRE DEPARTMENT - 057
ENGINE CO. 303/LADDER CO. 126
Asset # : 13188

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%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$5,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2053	* *			
Terminal Devices								
Convector/Radiator	75%			2038	* *	1	$1,400	
Fan Coil Unit/Heat	25%	Now	$7,000	2033	$34,800	1	$400	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Controls								
Electrical	100%			2028	$31,200			
Air Conditioning								
Energy Source								
Electricity	100%			2032	$7,700	1		
Conversion Equipment								
Window/Wall Unit	50%			2028	$10,600	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$300	
No Component	90%							
Exhaust Fans								
Roof	10%			2033	$1,100	2		
Wall Unit	20%			2033	$500	2		
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$1,000	LIFE	* *	1		
Leak Evident, Extent : Light, Area Affected : 100%								
Location : Storm Drain Line In Stairwell								
Sump Pump(s)								
Submersible	100%			2027	$200	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
ENGINE CO. 303/LADDER CO. 126
Asset # : 13188

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								
Chemical System								
Generic	100%			2027	$58,100	1-10	$29,000	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : Hood Is 24 Square Feet							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 304/LADDER CO. 162**		
Address	: **218-44 97th AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.304 / 13189**	**Yr Built/Renovated**	: **1922 /**
Area Sq Ft	: **5,376**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **02-Jun-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **10770** **Lot** : **23**	**BIN**	: **4230875**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$237,700	
Interior Architecture		$90,300
Electrical		$65,000
Mechanical	$54,300	
Total	**$292,000**	**$155,300**
Importance Code A	$237,700	
Importance Code B	$54,300	$155,300
Total	**$292,000**	**$155,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$89,700	$1,100		
Interior Architecture	$75,200	$300		$400
Electrical	$10,200	$5,300	$200	$200
Mechanical	$16,300	$45,800	$3,400	$3,200
Site Pavements	$7,400			
Total	**$198,800**	**$52,500**	**$3,600**	**$3,800**
Importance Code A	$90,200	$1,700	$500	$500
Importance Code B	$75,300	$50,900	$3,100	$3,300
Importance Code C	$33,400			
Total	**$198,800**	**$52,500**	**$3,600**	**$3,800**

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

FIRE DEPARTMENT - 057
ENGINE CO. 304/LADDER CO. 162
Asset # : 13189

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	$237,700	LIFE	* *	5	$14,400	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : West Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : West Facade								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : East Facade, West Facade								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Front Office And Truck Office								
Masonry: Limestone	5%	Now	$7,100	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Window Sills								
Stucco Cement	5%			2038	* *	5	$2,300	
Wood Overhead Doors	10%	Now	$10,400	2038	* *	5	$4,500	
Deteriorated Finish, Extent : Light, Area Affected : 50%								
Location : Throughout								
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Windows								
Aluminum	100%	Now	$8,200	2041	* *	5	$900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$1,800	LIFE	* *	5	$1,500	
Open Joints, Extent : Moderate, Area Affected : 10%								
Location : Front Facade Parapet								
Masonry: Brick	90%	Now	$45,200	LIFE	* *	5	$1,800	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 10%								
Location : Parapet								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : East Facade, West Facade								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : Interior Face								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 304/LADDER CO. 162
Asset # : 13189

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								
Modified Bitumen	100%	Now	$17,000	2038	* *			
Blisters, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof, Stairs And Kitchen								
Interior								
Floors								
Cast in Place Concrete	50%	Now	$17,400	LIFE	* *	5	$8,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Apparatus Room At Overhead Door								
Drains Clogged, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Room At Overhead Door								
Ceramic Tile	5%			2042	* *	5	$400	
Quarry Tile	5%			2038	* *	5	$600	
Vinyl Tile	40%	0-2	$18,100	2033	$90,300	3	$1,200	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Throughout 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Throughout 2nd Floor								
Interior Walls								
Cast in Place Concrete	10%	Now	$4,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Boiler Room And Gymnasium								
Ceramic Tile	5%			2042	* *	5	$600	
Gypsum Board	10%			LIFE	* *	5	$700	
Masonry: Brick	5%	Now	$10,900	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Plaster	30%	Now	$10,400	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Hose Tower								
Paint Peeling, Extent : Light, Area Affected : 100%								
Location : Hose Tower								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Offices								
Plywood/Hardboard	5%			LIFE	* *			
SGFT/Glazed Masonry	35%			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. 304/LADDER CO. 162
Asset # : 13189

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%	Now	$1,900	2046	* *	5	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Television Room, Basement, Kitchen								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Exposed Struc: Concrete	15%			LIFE	* *	5	$200	
Exposed Struc: Steel	20%			LIFE	* *			
Plaster	50%	Now	$11,700	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Corridor								
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Second Floor Corridor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Hose Tower, 2nd Floor Corridor And Offices								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$7,400	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Front Ramp								

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$100	
Raceway								
Conduit	100%			2033	$36,800	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. 304/LADDER CO. 162
Asset # : 13189

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								
Fused Disc Sw	10%			2032	$5,000	5		
Molded Case Bkrs	60%			2032	$29,800	5	$100	
Molded Case Bkrs	30%			2041	* *	5		
Wiring								
Braided Cloth	30%	2-4	$10,000	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2033	$13,300	1		
Thermoplastic	30%			2043	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	1%			2033	$500	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : T-8 Lamps								
LED	99%			2038	* *			
Exterior Lighting								
HID	20%			2028	$5,000	10		
LED	10%			2038	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$2,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$5,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2031	$44,000	1	$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
ENGINE CO. 304/LADDER CO. 162
Asset # : 13189

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								
Controls								
Electrical	100%			2028	$29,900			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	15%			2033	$19,100			
Window/Wall Unit	60%	0-2	$3,700	2028	$12,200	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
No Component	25%							
Terminal Devices								
Fan Coil - 2 Pipe	15%			2033	$18,500	1	$300	
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2033	$1,800	2	$600	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$300	
No Component	90%							
Exhaust Fans								
Roof	10%			2033	$1,000	2		
Wall Unit	20%			2028	$500	2		
No Component	70%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Lack Of Air Ventilation For Bathrooms								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$1,700	2031	$34,200	2		
Not Energy Efficient, Extent : Moderate, Area Affected : 50%								
Location : One Of The Units, Basement								
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%	Now	$3,400	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 15%								
Location : Basement House Trap. Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	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
ENGINE CO. 304/LADDER CO. 162
Asset # : 13189

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								
Chemical System								
Wet	100%			2027	$54,300	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 25 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 305/LADDER CO. 151**		
Address	: **111-02 QUEENS BOULEVARD @ 75TH AVE.**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.305 / 13190**	**Yr Built/Renovated**	: **1922 / 2005**
Area Sq Ft	: **4,248**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **14-Dec-2021**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Floors 1,2,Att**		
Block	: **3294** **Lot** : **20**	**BIN**	: **4078827**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$115,400
Electrical		$27,200
Mechanical	$59,400	
Total	**$59,400**	**$142,600**
Importance Code B	$59,400	$142,600
Total	**$59,400**	**$142,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture		$15,800	$200	
Interior Architecture	$44,500			$300
Electrical	$3,100	$1,500	$300	$300
Mechanical	$60,900	$37,000	$3,800	$3,100
Site Pavements	$13,200			
Total	**$121,700**	**$54,300**	**$4,300**	**$3,700**
Importance Code A	$2,000	$16,200	$600	$400
Importance Code B	$101,000	$38,100	$3,700	$3,300
Importance Code C	$18,600			
Total	**$121,700**	**$54,300**	**$4,300**	**$3,700**

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

FIRE DEPARTMENT - 057
ENGINE CO. 305/LADDER CO. 151
Asset # : 13190

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	$12,700	
Masonry: Limestone	10%			LIFE	* *	5	$1,200	
Metal Sect. OHD	10%			2046	* *	5	$4,900	
Windows								
Aluminum	100%			2049	* *	5	$400	
Roof								
Copper/Terne	100%			2048	* *	10	$15,800	
Interior								
Floors								
Cast in Place Concrete	48%	Now	$17,100	LIFE	* *	5	$6,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Bay								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Bay								
Ceramic Tile	5%	Now	$400	2042	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Toilet								
Quarry Tile	5%	0-2	$500	2046	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Kitchen And Lounge Area								
Terrazzo	2%	4+	$300	LIFE	* *	5	$100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Stair Steps								
Vinyl Tile	40%	Now	$5,800	2033	$115,400	3	$1,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bunk Room								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Second Floor, Bunk Room, Locker Room And Offices								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2042	* *	5	$400	
Gypsum Board	45%			LIFE	* *	5	$2,400	
Masonry: Brick	7%			LIFE	* *			
SGFT/Glazed Masonry	30%	Now	$5,200	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Bay								
Wood	3%			LIFE	* *	5	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 305/LADDER CO. 151
Asset # : 13190

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	7%			2046	* *	5	$500	
Exposed Struc: Concrete	30%	Now	$8,300	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Basement Meter Room								
Exposed Reinforcement, Extent : Severe, Area Affected : 2%								
Location : Basement Meter Room								
Gypsum Board	3%			LIFE	* *	5	$300	
Plaster	60%	Now	$6,700	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Around Ceiling Supply Ducts In Bunk Room, Locker Room And Offices								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Around Ceiling Supply Ducts In Bunk Room, Locker Room And Offices								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Asphalt	100%	Now	$13,200	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Parking Area South Side Of Building								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Parking Area South 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								
Fused Disc Sw	100%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	* *	5	$100	
Raceway								
Conduit	70%			2033	$28,200	1		
Conduit	30%			2053	* *	1		
Panelboards								
Molded Case Bkrs	50%			2032	$27,200	5	$100	
Molded Case Bkrs	50%			2049	* *	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
ENGINE CO. 305/LADDER CO. 151
Asset # : 13190

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%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$20,000	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$1,300	
Generators								
Diesel	100%			2042	* *	1	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Of The Building								
Explanation : Emergency Generator Rated At 60 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,700	5	$200	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Of The Building								
Explanation : 125 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Incandescent	2%			2028	$1,100	2		
LED	98%			2038	* *			
Egress Lighting								
Emergency, Service	40%			2038	* *	1		
Emergency, Battery	10%			2033	$800	10	$100	
Exit, Battery	50%			2033	$3,300	10	$100	
Exterior Lighting								
LED	20%			2038	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
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. 305/LADDER CO. 151
Asset # : 13190

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	$2,000	2031	$40,600	1	$3,800	
Corroded, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit, 500 Mbh Approximately								
Distribution								
Steam Piping/Pump	100%			2033	$37,300			
On Extended Life, Extent : Light, Area Affected : 50%								
Location : Various Locations								
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$1,400	
Controls								
Electrical	100%			2027	$25,900			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor								
Explanation : Boiler Master Thermostat								
Air Conditioning								
Energy Source								
Electricity	50%			2041	* *	1		
No Component	50%							
Conversion Equipment								
Split Unit	25%	0-2	$1,400	2028	$27,600			
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor - Condensate Leakage								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Outdoor Units - Backyard, Indoor Units - Attic								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outdoor Units - Backyard, Indoor Units - Attic								
Explanation : 2 Ducted Systems Serving 2nd Floor, 5 Tons Approximately Each								
Window/Wall Unit	25%			2028	$4,400	1		
No Component	50%							
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2	$2,800	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%	Now	$6,100	LIFE	* *	2-5	$200	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Explanation : Damaged Kitchen Hood As A Result Of Cooking Fire								
No Component	90%							

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

FIRE DEPARTMENT - 057
ENGINE CO. 305/LADDER CO. 151
Asset # : 13190

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%			2033	$4,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Attic								
Explanation : Toilet Exhaust Fan, 1 Unit								
Roof	10%			2028	$900	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
Explanation : Hood Exhaust Fan								
Wall Unit	50%			2028	$1,000	2	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Fire Truck Area								
Explanation : Fire Truck Area Exhaust Fan, 1 Unit								
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2027	$18,700	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit, 75.1 Mbh, 74 Gallons. Quantity 1								
Gas Fired	50%			2031	$18,700	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit, 75.1 Mbh, 74 Gallons. Quantity 1								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$100	4	$100	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	100%			2027	$59,400	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 6 X 4 Foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 306**		
Address	: **40-18 214th PLACE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.306 / 13191**	**Yr Built/Renovated**	: **1924 / 2007**
Area Sq Ft	: **4,860**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **21-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **6288** **Lot** : **32**	**BIN**	: **4138284**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$259,200	$79,200
Interior Architecture	$55,600	$111,100
Mechanical	$58,100	
Total	**$372,900**	**$190,400**
Importance Code A	$259,200	$79,200
Importance Code B	$113,700	$111,100
Total	**$372,900**	**$190,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$54,500		$800	$3,100
Interior Architecture	$53,900	$400		$500
Electrical	$100	$100	$100	$100
Mechanical	$3,500	$16,800	$3,200	$3,100
Site Pavements	$34,300			
Total	**$146,400**	**$17,300**	**$4,100**	**$6,800**
Importance Code A	$55,000	$500	$1,300	$3,600
Importance Code B	$38,400	$16,800	$2,800	$3,300
Importance Code C	$52,900			
Total	**$146,400**	**$17,300**	**$4,100**	**$6,800**

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. 306
Asset # : 13191

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	$259,200	LIFE	* *	5	$15,700	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : North And West Facades								
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : North And West Facades								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : North And West Facades								
Masonry: Granite	2%			LIFE	* *	5	$300	
Masonry: Limestone	8%	2-4	$2,500	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Above Main Entrance								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Metal Sect. OHD	10%			2050	* *	5	$6,100	
Windows								
Aluminum	100%			2049	* *	5	$1,600	
Parapets								
Masonry: Brick	90%	Now	$48,100	LIFE	* *	5	$1,900	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : North And West Parapets								
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : North And West Parapets								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : North And West Parapets								
Masonry: Limestone	5%			LIFE	* *	5	$100	
Pre-cast Concrete	5%			LIFE	* *	5	$700	
Roof								
Asphalt Shingle	10%			2046	* *	10	$100	
Built-Up (BUR)	90%	0-2	$4,000	2033	$79,200			
Blisters, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	$7,000	
Ceramic Tile	5%			2042	* *	5	$400	
Quarry Tile	5%			2046	* *	5	$600	
Vinyl Tile	50%	0-2	$55,600	2033	$111,100	3	$1,500	
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : 2nd 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. 306
Asset # : 13191

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								
Cast in Place Concrete	20%	Now	$3,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	15%			2042	* *	5	$1,700	
Gypsum Board	5%			LIFE	* *	5	$300	
Masonry: Brick	5%	0-2	$10,500	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Basement And Stair								
Plaster	55%	Now	$14,800	LIFE	* *	5	$1,800	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Offices, Interior Walls At Window Perimeter, Stairway								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Female Locker, Captain Office And Weight Room								
Ceilings								
AcousTileSusp.Lay-In	10%			2038	* *	5	$800	
Exposed Struc: Steel	15%	Now	$5,800	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Bilco Door								
Plaster	75%	Now	$18,400	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Roof Scuttle, Female Locker And Weight Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Roof Scuttle, Female Locker And Weight Room								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$10,900	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 214th Place								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$7,400	2046	* *			
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Adjacent Driveway								
Parking/Driveway								
Asphalt	75%	Now	$16,000	2042	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Parking Driveway								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Driveway								
Cast in Place Concrete	25%			2038	* *			

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
ENGINE CO. 306
Asset # : 13191

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	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	10%			2041	* *	5		
Molded Case Bkrs	70%			2041	* *	5	$100	
Molded Case Bkrs	20%			2049	* *	5		
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2038	* *			
Exterior Lighting								
HID	10%			2033	$2,300	10		
LED	10%			2041	* *			
No Component	80%							
Alarm								
Security System								
No Component	50%							
Generic	50%			2038	* *	1	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Perimeter Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$4,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 306
Asset # : 13191

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%			2038	* *	1	$1,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2028	$9,200	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$300	
No Component	90%							
Exhaust Fans								
Roof	10%	0-2	$200	2033	$900	2		
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Wall Unit	20%			2028	$400	2		
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 307/LADDER CO. 154**		
Address	: **81-17 NORTHERN BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.307 / 13192**	**Yr Built/Renovated**	: **1924 /**
Area Sq Ft	: **6,240**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **31-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1177** **Lot** : **36**	**BIN**	: **4026949**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$390,000	$72,400
Interior Architecture	$962,000	
Mechanical	$58,100	$51,000
Total	**$1,410,100**	**$123,400**
Importance Code A	$390,000	$72,400
Importance Code B	$1,020,100	$51,000
Total	**$1,410,100**	**$123,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$86,000		$14,300	
Interior Architecture	$76,100	$800		$400
Electrical	$17,000			
Mechanical	$79,900	$74,400	$3,500	$3,300
Site Enclosure	$5,400			
Site Pavements	$12,900			
Total	**$277,400**	**$75,200**	**$17,800**	**$3,700**
Importance Code A	$86,700	$600	$15,000	$600
Importance Code B	$138,000	$74,600	$2,800	$3,100
Importance Code C	$52,700			
Total	**$277,400**	**$75,200**	**$17,800**	**$3,700**

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

FIRE DEPARTMENT - 057
ENGINE CO. 307/LADDER CO. 154
Asset # : 13192

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	$319,700	LIFE	* *	5	$19,400	
Expansion Joint Failure, Extent : Moderate, Area Affected : 5%								
Location : Front Facade Between Buildings								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Rear And Side Facades								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Bunker Room								
Masonry: Limestone	10%			LIFE	* *	5	$1,900	
Metal Sect. OHD	15%	Now	$28,200	2038	* *	5	$6,100	
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Area - Door Inoperable At Times								
Windows								
Wood	100%	Now	$70,300	2058	* *	5	$8,800	1
Dry Rot/Decay, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Parapets								
Masonry: Brick	90%	Now	$41,500	LIFE	* *	5	$1,600	
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$100	
Pre-cast Concrete	5%			LIFE	* *	5	$600	
Roof								
Asphalt Shingle	20%			2036	$11,900	10	$400	
Modified Bitumen	10%	Now	$12,100	2033	$12,100			
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Modified Bitumen	50%			2033	$60,300	10	$5,500	
Roll Roofing	20%	Now	$4,300	2029	$14,300	5	$1,800	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Over Weight Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Weight Room								
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. 307/LADDER CO. 154
Asset # : 13192

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	$427,200	LIFE	* *	5	$11,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Apparatus Room								
Deflection Evident, Extent : Severe, Area Affected : 50%								
Location : Apparatus Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Garage Floor								
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Basement Below Apparatus Room								
Explanation : Steel Columns Shoring Up Apparatus Room Floor								
Ceramic Tile	5%	Now	$28,300	2048	* *	5	$300	
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Kitchen And Bathrooms								
Quarry Tile	5%	4+	$700	2038	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Traffic Topping	5%			2033	$24,000	5	$600	
Vinyl Tile	30%	Now	$83,200	2043	* *	3	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Second Floor								
Worn/Erode, Extent : Moderate, Area Affected : 30%								
Location : Second Floor								
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Second Floor								
Explanation : 9x9 Tiles								
Wood	5%			2048	* *	5	$900	
Interior Walls								
Ceramic Tile	5%	Now	$7,600	2036	$38,000	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Bathrooms								
Masonry: Brick	20%			LIFE	* *			
Plaster	50%	Now	$33,600	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Second Floor - Bunk Room								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Second Floor - Bunk Room								
SGFT/Glazed Masonry	25%			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. 307/LADDER CO. 154
Asset # : 13192

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%	Now	$5,000	2038	* *	5	$800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Bathroom								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Bathroom								
Exposed Struc: Concrete	30%	Now	$451,500	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 40%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Steel Columns Shoring Up Apparatus Floor.								
Gypsum Board	10%	Now	$900	LIFE	* *	5	$1,300	
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Weight Room								
Plaster	45%			LIFE	* *	5	$2,800	
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$5,400	2043	* *			
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Side Yard								
Explanation : Fence Inoperable								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$6,800	2038	* *			
Loose/Delam Surface, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$4,300	2038	* *			
Loose/Delam Surface, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	85%	0-2	$1,800	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Pavers/Stone	15%			2036	$25,200			

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								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 307/LADDER CO. 154
Asset # : 13192

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Raceway								
Conduit	100%			2033	$36,800	1		
Panelboards								
Fused Disc Sw	25%			2032	$12,400	5		
Molded Case Bkrs	75%	Now	$700	2032	$37,200	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Explanation : Receptacles Do not Work								
Wiring								
Thermoplastic	100%			2033	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5		
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Lighting								
Interior Lighting								
LED	100%			2038	* *			
Exterior Lighting								
HID	20%	Now	$5,800	2043	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Outside Perimeter								
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$6,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2033	$50,000			

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. 307/LADDER CO. 154
Asset # : 13192

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%	Now	$5,100	2031	$51,000	1	$1,800	
Damaged, Extent : Moderate, Area Affected : 10%								
Location : Radiators In The Locker Room And Bunkroom On The 2nd Floor								
Controls								
Electrical	100%			2027	$34,700			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	10%	Now	$14,800	2043	* *			
Broken, Extent : Severe, Area Affected : 100%								
Location : Kitchen								
Split Unit	20%			2028	$29,600			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Bunkroom And Gymnasium Unit								
Explanation : Ducted Units With Condensers On The Roof								
Window/Wall Unit	30%			2027	$7,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$1,000	
No Component	70%							
Exhaust Fans								
Interior	20%			2028	$5,500	2		
Roof	10%			2028	$1,200	2		
Wall Unit	20%			2028	$500	2		
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$4,000	2043	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 50%								
Location : Basement Causing Condensate To Drip								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor								
Explanation : Low Water Pressure								
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallon Units. Quantity 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. 307/LADDER CO. 154
Asset # : 13192

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	20%	0-2	$4,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor And Backyard / Basement								
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor Bathrooms								
Cast Iron	80%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$1,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Corroded, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%	Now	$1,200	2043	* *	4	$100	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Fire Suppression								
Chemical System								
Generic	100%			2027	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Hood Is 10 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 308**		
Address	: **107-12 LEFFERTS BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.308 / 13193**	**Yr Built/Renovated**	: **1926 / 2006**
Area Sq Ft	: **5,952**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **17-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **9598** **Lot** : **10**	**BIN**	: **4205407**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$73,800
Electrical		$166,900
Mechanical		$58,100
Site Enclosure	$202,500	
Total	**$202,500**	**$298,800**
Importance Code B	$202,500	$298,800
Total	**$202,500**	**$298,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$38,800	$8,200		
Interior Architecture	$67,900	$400		$300
Electrical	$3,300	$700	$700	$600
Mechanical	$9,700	$15,000	$3,400	$3,300
Site Enclosure	$86,900			
Site Pavements	$37,800			
Total	**$244,400**	**$24,400**	**$4,000**	**$4,300**
Importance Code A	$39,400	$8,800	$600	$600
Importance Code B	$89,500	$15,600	$3,400	$3,700
Importance Code C	$115,600			
Total	**$244,400**	**$24,400**	**$4,000**	**$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
ENGINE CO. 308
Asset # : 13193

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	$5,300	
Masonry: Brick	73%			LIFE	* *	5	$15,600	
Masonry: Granite	2%			LIFE	* *	5	$300	
Masonry: Limestone	10%			LIFE	* *	5	$1,600	
Metal Sect. OHD	10%			2046	* *	5	$6,700	
Windows								
Aluminum	100%	Now	$9,000	2049	* *	5	$900	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Around Window Air Conditioning Units								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Second Floor Bunk Room								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Areaways								
Parapets								
Masonry: Brick	90%	Now	$29,700	LIFE	* *	5	$2,300	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Rear Parapet								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Interior Facades								
Masonry: Limestone	5%			LIFE	* *	5	$200	
Pre-cast Concrete	5%			LIFE	* *	5	$800	
Roof								
Modified Bitumen	100%			2038	* *	10	$8,200	
Interior								
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	$11,700	
Ceramic Tile	10%			2042	* *	5	$900	
Vinyl Tile	30%			2033	$73,800	3	$1,300	
Interior Walls								
Cast in Place Concrete	10%	Now	$5,400	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Gypsum Board	10%			LIFE	* *	5	$900	
Masonry: Brick	10%	Now	$27,200	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : East Side Of Basement								
Plaster	35%	0-2	$2,400	LIFE	* *	5	$1,500	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : 2nd Floor								
SGFT/Glazed Masonry	35%			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. 308
Asset # : 13193

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%			2038	* *	5	$900	
Exposed Struc: Concrete	30%			LIFE	* *	5	$400	
Exposed Struc: Steel	30%	Now	$32,100	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Below Sidewalk								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Below Sidewalk								
Gypsum Board	5%			LIFE	* *	5	$600	
Plaster	25%			LIFE	* *	5	$1,400	
Site Enclosure								
Fence/Gates								
Chain Link	100%	0-2	$43,900	2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	25%	Now	$43,000	2083	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Areaways								
Exposed Reinforcement, Extent : Moderate, Area Affected : 15%								
Location : Areaways								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : Areaways								
Masonry: Brick	75%	Now	$202,500	2063	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 75%								
Location : West Side Of Property								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 75%								
Location : West Side Of Property								
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : West Side Of Property								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$1,200	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$26,800	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Around Window Wells								
Explanation : Graded Slopes Toward Window Wells								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 308
Asset # : 13193

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	$9,800	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
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%			2043	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$200	
Raceway								
Conduit	70%			2033	$25,800	1		
Conduit	30%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	65%			2032	$32,300	5	$100	
Molded Case Bkrs	30%			2049	* *	5		
Wiring								
Thermoplastic	70%			2033	$23,300	1		
Thermoplastic	30%			2053	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$1,800	
Generators								
Diesel	100%			2036	$101,800	1	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Backyard								
Explanation : Emergency Generator Rated 80 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2048	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Backyard								
Explanation : 60 Gallons Rated Capacity								
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. 308
Asset # : 13193

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								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Service	70%			2041	* *	1		
Exit, LED	30%			2068	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$5,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$1,900	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2028	$11,300	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$500	
No Component	85%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 308
Asset # : 13193

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	15%			2038	* *	2		
Wall Unit	40%	0-2	$1,000	2043	* *	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : One Noisy Life Extended Unit.								
No Component	45%							
Plumbing								
H/C Water Piping								
Brass/Copper	5%	0-2	$800	2043	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Brass/Copper	95%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Only One 75 Gallon Unit								
Sanitary Piping								
Cast Iron	10%	Now	$3,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 30%								
Location : Front Of Basement And Apparatus Floor								
Corroded, Extent : Severe, Area Affected : 50%								
Location : Front Of Basement								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	10%	0-2	$400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : 1st And 2nd Floor Bathrooms								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$500	2028	$500	4	$100	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2031	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 40 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 309/LADDER CO. 159**		
Address	: **1851 EAST 48th STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.309 / 13194**	**Yr Built/Renovated**	: **1927 /**
Area Sq Ft	: **4,930**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **10-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **8488** **Lot** : **16**	**BIN**	: **3239495**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical	$58,100	
Total	**$58,100**	
Importance Code B	$58,100	
Total	**$58,100**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$41,300	$10,700	$900	
Interior Architecture	$36,000			$400
Electrical	$200	$1,200	$200	$200
Mechanical	$22,300	$3,200	$3,200	$3,200
Site Pavements	$900			
Total	**$100,700**	**$15,000**	**$4,400**	**$3,800**
Importance Code A	$41,800	$11,200	$1,400	$500
Importance Code B	$27,800	$3,800	$3,000	$3,300
Importance Code C	$31,200			
Total	**$100,700**	**$15,000**	**$4,400**	**$3,800**

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

FIRE DEPARTMENT - 057
ENGINE CO. 309/LADDER CO. 159
Asset # : 13194

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	73%	4+	$31,100	LIFE	* *	5	$18,900	
Spalling, Extent : Moderate, Area Affected : 4%								
Location : Rear Facade								
Masonry: Granite	2%			LIFE	* *	5	$400	
Masonry: Limestone	5%	Now	$10,200	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Facade West								
Metal Panel	5%			2053	* *	5-10	$8,900	
Wood Overhead Doors	15%			2046	* *	5	$19,400	
Windows								
Aluminum	100%			2049	* *	5	$1,900	
Parapets								
Cast Stone/Terra Cotta	14%			LIFE	* *	5	$2,000	
Masonry: Brick	70%			LIFE	* *	5	$1,300	
Masonry: Limestone	8%			LIFE	* *	5	$200	
Metal Panel	8%			2053	* *	5	$600	
Roof								
Modified Bitumen	100%			2038	* *	10	$8,000	
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	$9,200	
Worn/Erode, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Ceramic Tile	5%			2042	* *	5	$400	
Quarry Tile	5%			2046	* *	5	$600	
Vinyl Tile	40%	4+	$4,600	2038	* *	3	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bunk Room								
Interior Walls								
Cast in Place Concrete	20%			LIFE	* *			
Gypsum Board	20%			LIFE	* *	5	$1,400	
Masonry: Brick	10%			LIFE	* *			
Plaster	20%			LIFE	* *	5	$700	
SGFT/Glazed Masonry	30%	Now	$31,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	30%			2046	* *	5	$2,500	
Exposed Struc: Concrete	35%			LIFE	* *	5	$500	
Metal Panel	5%			LIFE	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Equipment Room								
Explanation : Perforated Metal Panel Ceiling								
Plaster	30%			LIFE	* *	5	$1,600	
Site Enclosure								

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

FIRE DEPARTMENT - 057
ENGINE CO. 309/LADDER CO. 159
Asset # : 13194

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%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$900	2046	* *			
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Sidewalk Belco Doors								
Explanation : Water Penetration								
On-Site Walkways								
Cast in Place Concrete	95%			2046	* *			
Pavers/Stone	5%			2042	* *			

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%			2053	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	* *	5	$100	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	20%			2049	* *	5		
Molded Case Bkrs	80%			2049	* *	5	$100	
Wiring								
Thermoplastic	100%			2053	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	20%			2038	* *	10	$900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	80%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
LED	20%			2038	* *			
No Component	80%							
Alarm								

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

FIRE DEPARTMENT - 057
ENGINE CO. 309/LADDER CO. 159
Asset # : 13194

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								
Generic	100%			2038	* *	1	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$1,600	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2031	$9,300	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$300	
No Component	90%							
Exhaust Fans								
Interior	40%	0-2	$8,700	2043	* *	2		
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Bunk And Storage Room								
Explanation : Insufficient Ventilation In Bunk And Storage Room								
Roof	20%			2033	$1,900	2		
Wall Unit	15%			2038	* *	2		
No Component	25%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 309/LADDER CO. 159
Asset # : 13194

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 With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units. 74 Gallons								
Sanitary Piping								
Cast Iron	80%			LIFE	* *	1		
Cast Iron	20%	0-2	$6,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Bathroom								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$100	2027	$200	4	$100	
Cracked, Extent : Severe, Area Affected : 5%								
Location : The Pipe, Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2027	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Fire Suppression 18 Square Feet								
Explanation : 1 Set. Kitchen Fire Suppression 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 310/LADDER CO. 174**		
Address	: **5105 SNYDER AVENUE @ E. 51 ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.310 / 13195**	**Yr Built/Renovated**	: **1927 / 2013**
Area Sq Ft	: **5,874**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **20-Mar-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **4699** **Lot** : **40**	**BIN**	: **3102909**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$65,200	
Mechanical		$58,100
Total	**$65,200**	**$58,100**
Importance Code B		$58,100
Importance Code C	$65,200	
Total	**$65,200**	**$58,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$43,700	$4,900		
Interior Architecture	$16,100	$1,000	$300	
Electrical	$2,700	$200	$300	$300
Mechanical	$11,600	$3,500	$3,400	$40,400
Site Enclosure	$15,600			
Site Pavements	$5,700			
Total	**$95,500**	**$9,700**	**$4,000**	**$40,700**
Importance Code A	$44,300	$5,500	$600	$600
Importance Code B	$34,100	$4,200	$3,100	$40,100
Importance Code C	$17,100		$300	
Total	**$95,500**	**$9,700**	**$4,000**	**$40,700**

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. 310/LADDER CO. 174
Asset # : 13195

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%	4+	$27,600	LIFE	* *	5	$16,800	
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : East Wall								
Masonry: Limestone	5%	2-4	$1,700	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : South Facade								
Metal Sect. OHD	15%			2048	* *	5	$9,800	
Windows								
Aluminum	100%	Now	$4,000	2043	* *	5	$800	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Offices								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Copings								
Explanation : Location Noted								
Masonry: Brick	85%			LIFE	* *	5	$1,800	
Masonry: Limestone	5%	4+	$6,400	LIFE	* *	5	$100	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 2%								
Location : South Facade Coping								
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : South Facade And Cornice								
Roof								
Asphalt Shingle	10%			2044	* *	10	$100	
Modified Bitumen	90%	0-2	$4,000	2040	* *			
Blisters, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 35%								
Location : Cap Flashing At Main Roof								
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$9,700	
Ceramic Tile	10%	Now	$1,700	2044	* *	5	$700	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Steps To Rear Sleeping Area								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Toilet Rooms								
Quarry Tile	5%	0-2	$10,900	2048	* *	5	$600	
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Kitchen/ Dining Area								
Vinyl Tile	55%			2040	* *	3	$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. 310/LADDER CO. 174
Asset # : 13195

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								
Cast in Place Concrete	20%			LIFE	* *			
Ceramic Tile	5%			2044	* *	5	$600	
Gypsum Board	5%			LIFE	* *	5	$400	
Plaster	40%			LIFE	* *	5	$1,500	
SGFT/Glazed Masonry	30%	0-2	$65,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Garage Area								
Ceilings								
AcousTileSusp.Lay-In	25%	0-2	$3,600	2040	* *	5	$1,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen/ Dining Area								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Kitchen/ Dining Area								
Exposed Struc: Steel	25%			LIFE	* *			
Plaster	50%			LIFE	* *	5	$2,700	
Site Enclosure								
Fence/Gates								
Chain Link	100%	2-4	$15,600	2065	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Gate At East Side								
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : East Side								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$4,200	2048	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Front Sidewalk								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$1,500	2048	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Walkway At East Side								
Tripping Hazard, Extent : Severe, Area Affected : 1%								
Location : Walkway At Entrance Door								

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%			2055	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Electrical Room								
Explanation : 200 Ampere Main Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	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. 310/LADDER CO. 174
Asset # : 13195

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%			2035	$25,800	1		
Conduit	30%			2045	* *	1		
Panelboards								
Molded Case Bkrs	100%			2034	$49,600	5	$200	
Wiring								
Thermoplastic	100%			2035	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	10%			2035	$5,100	10	$500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : First Floor And Basement								
LED	90%			2040	* *			
Egress Lighting								
Exit, Battery	100%	Now	$2,500	2035	$8,300			
Damaged Fixtures, Extent : Moderate, Area Affected : 30%								
Location : First Floor Exits								
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2040	* *	1	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
Explanation : CCTV Surveillance Cameras								

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%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2040	* *	1	$5,800	
Distribution								
Steam Piping/Pump	100%			2035	$47,000			

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. 310/LADDER CO. 174
Asset # : 13195

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%			2040	* *	1	$1,700	
Unit Heater - Steam	10%			2035	$3,300	4	$100	
Controls								
Electrical	100%			2030	$32,700			
Air Conditioning								
Energy Source								
Electricity	40%			2051	* *	1		
No Component	60%							
Conversion Equipment								
Split Unit	20%	Now	$8,400	2035	$27,900			
Damaged, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Kitchen								
Window/Wall Unit	20%			2030	$4,500	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$800	
No Component	75%							
Exhaust Fans								
Roof	10%			2040	* *	2		
Wall Unit	25%			2040	* *	2		
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cellar								
Explanation : Two 74 Gallon Units And Old Unit Remaining In Corner								
Sanitary Piping								
Cast Iron	6%			LIFE	* *	1		
Cast Iron	94%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$200	4	$200	
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. 310/LADDER CO. 174
Asset # : 13195

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%			2033	$58,100	1-10	$29,000	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : Kitchen							
	Explanation : 30 Square Feet							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 311/LADDER CO. 158**		
Address	: **145-50 SPRINGFIELD BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.311 / 13196**	**Yr Built/Renovated**	: **1927 / 2006**
Area Sq Ft	: **5,780**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **21-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **13361** **Lot** : **200**	**BIN**	: **4286093**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$121,500	
Interior Architecture	$1,205,600	
Mechanical		$58,100
Site Enclosure		$125,800
Total	**$1,327,100**	**$183,900**
Importance Code A	$121,500	
Importance Code B	$1,205,600	$58,100
Importance Code C		$125,800
Total	**$1,327,100**	**$183,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$4,500	$5,300	$900	
Interior Architecture	$116,000			$700
Electrical	$17,100	$14,400	$400	$400
Mechanical	$16,300	$3,300	$3,700	$3,300
Site Enclosure	$500			
Site Pavements	$8,200			
Total	**$162,600**	**$22,900**	**$5,000**	**$4,400**
Importance Code A	$5,100	$5,800	$1,500	$600
Importance Code B	$104,600	$17,100	$3,600	$3,900
Importance Code C	$52,900			
Total	**$162,600**	**$22,900**	**$5,000**	**$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
ENGINE CO. 311/LADDER CO. 158
Asset # : 13196

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	10%			2053	* *	10	$700	
Masonry: Brick	70%	Now	$121,500	LIFE	* *	5	$14,800	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : North Side								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : North Side								
Masonry: Granite	2%			LIFE	* *	5	$300	
Masonry: Limestone	8%			LIFE	* *	5	$1,300	
Wood Overhead Doors	10%			2038	* *	5	$10,500	
Windows								
Aluminum	100%			2049	* *	5	$1,800	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$1,400	
Masonry: Brick	90%			LIFE	* *	5	$1,600	
Roof								
Modified Bitumen	97%	4+	$4,500	2038	* *			
Blisters, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Lockroom								
Skylight, Metal/Glass	3%			2053	* *	10	$900	
Soffits								
Alum/Vinyl Siding	100%			2053	* *	10		
Interior								
Floors								
Cast in Place Concrete	40%	Now	$598,100	LIFE	* *	5	$12,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Through Apparatus Floor Into Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Structurally Insufficient								
Ceramic Tile	5%			2042	* *	5	$700	
Quarry Tile	15%	Now	$16,200	2046	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Kitchen								
Vinyl Tile	40%	Now	$48,600	2028	$161,900	3	$2,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
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
ENGINE CO. 311/LADDER CO. 158
Asset # : 13196

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								
Cast in Place Concrete	20%	0-2	$18,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	5%			2042	* *	5	$600	
Plaster	45%	Now	$13,600	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Bunk Rooms								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : North Wall, Bunk Room								
SGFT/Glazed Masonry	30%	0-2	$16,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	5%	0-2	$1,500	2038	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout Kitchen								
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout Kitchen								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout Kitchen								
Exposed Struc: Concrete	55%	Now	$445,600	LIFE	* *	5	$800	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : East Side Of Building								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Underside Of Apparatus Floor Slab In Cellar								
Explanation : Structurally Insufficient								
Plaster	40%			LIFE	* *	5	$2,300	
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	15%	4+	$500	2053	* *			
Impact Damage, Extent : Light, Area Affected : 10%								
Location : North Side								
Wood	85%			2031	$125,800			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$2,700	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	10%			2046	* *			
Wood	90%			2028		1-3		

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. 311/LADDER CO. 158
Asset # : 13196

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	75%			2042	* *			
Cast in Place Concrete	25%	Now	$3,000	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Front Apron								
Sinking/Subsiding, Extent : Light, Area Affected : 5%								
Location : Front Apron								
Activity Yard								
Cast in Place Concrete	100%	4+	$2,500	2046	* *			
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								
Service Equipment								
Fused Disc Sw	100%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Raceway								
Conduit	40%			2059	* *	1		
Conduit	60%			2033	$22,100	1		
Panelboards								
Fused Disc Sw	3%			2032	$1,500	5		
Fused Disc Sw	2%			2055	* *	5		
Molded Case Bkrs	45%			2055	* *	5	$100	
Molded Case Bkrs	50%			2032	$24,800	5	$100	
Wiring								
Braided Cloth	50%	0-2	$16,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2033	$6,700	1		
Thermoplastic	30%			2059	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$1,800	

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
ENGINE CO. 311/LADDER CO. 158
Asset # : 13196

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%			2046	* *	1	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 80 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2068	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 275 Gallons								
Lighting								
Interior Lighting								
Fluorescent	60%			2038	* *	10	$3,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2028	$5,000	10	$500	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	30%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
No Component	50%							
Exterior Lighting								
HID	10%			2028	$2,700	10		
LED	10%			2038	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$5,700	
Distribution								
Central Plant Steam Piping/Pmp	100%	0-2	$8,100	2043	* *	4	$300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Leaking Steam Piping Leaking At Basement								
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$1,900	
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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FIRE DEPARTMENT - 057
ENGINE CO. 311/LADDER CO. 158
Asset # : 13196

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%			2049	* *	1		
Conversion Equipment								
Split Unit	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Unit In Kitchen								
Window/Wall Unit	40%			2031	$8,800	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$3,200	
Exhaust Fans								
Interior	100%			2033	$25,600	2	$200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%	Now	$3,600	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 15%								
Location : Basement When It Rains								
Storm Drain Piping								
Cast Iron	100%	Now	$1,000	LIFE	* *	1		
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : Basement, High Water Table								
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2031	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression System Covers 24 Square Feet								

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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 312**		
Address	: **22-63 35th STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.312 / 13197**	**Yr Built/Renovated**	: **1928 /**
Area Sq Ft	: **4,590**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **06-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **822** **Lot** : **7**	**BIN**	: **4016405**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$67,000
Interior Architecture		$65,700
Mechanical		$58,100
Total		**$190,700**
Importance Code A		$67,000
Importance Code B		$123,800
Total		**$190,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$40,000	$3,000	$200	
Interior Architecture	$26,300			$100
Electrical	$1,400	$3,500	$300	$300
Mechanical	$5,900	$12,300	$3,200	$3,100
Site Pavements	$14,700			
Total	**$88,200**	**$18,800**	**$3,700**	**$3,500**
Importance Code A	$40,400	$3,500	$700	$500
Importance Code B	$22,800	$15,300	$3,000	$3,100
Importance Code C	$25,100			
Total	**$88,200**	**$18,800**	**$3,700**	**$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. 312
Asset # : 13197

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%	4+	$21,200	LIFE	* *	5	$12,900	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Side Walls								
Painted Surfaces, Extent : Moderate, Area Affected : 80%								
Location : Side And Rear Building Walls								
Masonry: Granite	8%			LIFE	* *	5	$1,000	
Masonry: Limestone	10%	0-2	$13,500	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood Overhead Doors	7%			2038	* *	5	$6,000	
Windows								
Aluminum	100%			2049	* *	5	$400	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$500	
Masonry: Brick	90%			LIFE	* *	5	$600	
Roof								
Modified Bitumen	95%	Now	$3,300	2033	$67,000			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Bunker Room								
Skylight, Metal/Glass	5%	Now	$1,800	2043	* *			
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Skylight								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	$7,500	
Ceramic Tile	6%	0-2	$1,600	2042	* *	5	$200	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Quarry Tile	5%			2046	* *	5	$500	
Terrazzo	6%	0-2	$1,900	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bunkroom Bathroom								
Traffic Topping	20%	Now	$3,300	2033	$65,700	5	$900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : Throughout 2nd Floor								
Vinyl Tile	13%	Now	$4,900	2033	$24,700	3	$300	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Offices								
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Offices								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 312
Asset # : 13197

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								
Cast in Place Concrete	25%			LIFE	* *			
Ceramic Tile	8%			2042	* *	5		$800
Gypsum Board	10%	Now	$700	LIFE	* *	5		$600
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement Training Room								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Marble Panels	7%	0-2	$5,900	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Bathrooms								
Plaster	30%	Now	$3,500	LIFE	* *	5		$900
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Around Window In Bunker Room 2nd Floor And Scuttle								
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2046	* *	5		$700
Exposed Struc: Steel	30%			LIFE	* *			
Gypsum Board	20%			LIFE	* *	5		$1,700
Plaster	40%	Now	$4,200	LIFE	* *	5		$1,700
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Bunker Room And Scuttle								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$1,100	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Apron								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$13,500	2038	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Driveway								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Driveway								

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. 312
Asset # : 13197

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%			2043	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Raceway								
Conduit	95%			2033	$35,000	1		
Conduit	5%			2043	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	95%			2041	* *	5	$100	
Wiring								
Thermoplastic	10%			2033	$3,300	1		
Thermoplastic	90%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$1,400	
Generators								
Diesel	100%			2046	* *	1	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Backyard								
Explanation : One 60 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2068	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Backyard								
Explanation : One 120 Gallons								
Lighting								
Interior Lighting								
Fluorescent	99%			2033	$39,500	10	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	1%			2028	$600	2		
Egress Lighting								
Emergency, Service	70%			2038	* *	1		
Exit, Service	30%			2038	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 312
Asset # : 13197

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	15%			2038	* *	10		
HID	5%	Now	$1,100	2043	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Front And Back Of The Building								
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$4,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2046	* *	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	50%	0-2	$2,600	2028	$8,700	1		
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$400	
No Component	85%							
Exhaust Fans								
Roof	15%			2033	$1,300	2		
Wall Unit	25%			2028	$500	2		
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								

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. 312
Asset # : 13197

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		
Sump Pump(s)								
Submersible	100%			2027	$100	4	$100	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2031	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100% Location : Kitchen, Covers 20 Square Feet Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 313/LADDER CO. 164**		
Address	: **44-01 244th STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.313 / 13198**	**Yr Built/Renovated**	: **1929 /**
Area Sq Ft	: **6,942**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **25-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **8112** **Lot** : **192**	**BIN**	: **4168901**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$74,000
Interior Architecture	$98,900	$147,200
Mechanical	$60,500	
Total	**$159,400**	**$221,200**
Importance Code A	$60,500	$74,000
Importance Code B	$98,900	$147,200
Total	**$159,400**	**$221,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$90,800	$3,000		
Interior Architecture	$71,500			$400
Electrical	$800	$7,200	$800	$800
Mechanical	$88,100	$40,300	$1,300	$900
Site Pavements	$13,700			
Total	**$264,800**	**$50,600**	**$2,100**	**$2,100**
Importance Code A	$90,800	$3,700	$800	$700
Importance Code B	$142,700	$46,900	$1,300	$1,400
Importance Code C	$31,300			
Total	**$264,800**	**$50,600**	**$2,100**	**$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.
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FIRE DEPARTMENT - 057
ENGINE CO. 313/LADDER CO. 164
Asset # : 13198

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	10%			2043	* *	10	$800	
Masonry: Brick	80%	4+	$32,000	LIFE	* *	5	$19,400	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Near House Trap								
Masonry: Granite	2%			LIFE	* *	5	$400	
Masonry: Limestone	3%	4+	$1,100	LIFE	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Front Facade At Door Surrounds								
Wood Overhead Doors	5%			2038	* *	5	$6,100	
Windows								
Aluminum	100%	Now	$8,000	2049	* *	5	$800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Bunk Rooms								
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Explanation : Missing Insect Screens								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$3,500	
Masonry: Brick	80%	0-2	$46,000	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout Parapet								
Spalling, Extent : Severe, Area Affected : 20%								
Location : Throughout Parapet								
Roof								
Asphalt Shingle	20%	Now	$1,800	2036	$9,100			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Where Asphalt Roof Meets Brick Exterior Wall								
Modified Bitumen	10%	Now	$1,900	2033	$9,300			
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : Lower Roof								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Bunk Rooms On 2nd Floor								
Modified Bitumen	70%			2033	$64,800	10	$5,900	
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 313/LADDER CO. 164
Asset # : 13198

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	55%	Now	$98,900	LIFE	* *	5	$12,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Uneven Surface, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement On Front Wall And Near Sump Pump								
Ceramic Tile	10%	4+	$1,200	2036	$59,600	5	$500	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Kitchen								
Quarry Tile	5%			2046	* *	5	$800	
Vinyl Tile	30%			2033	$87,600	3	$1,600	
Interior Walls								
Cast in Place Concrete	20%	Now	$22,100	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Ceramic Tile	5%			2042	* *	5	$700	
Plaster	50%	Now	$8,800	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2046	* *	5	$1,100	
Exposed Struc: Concrete	25%			LIFE	* *	5	$400	
Exposed Struc: Steel	25%			LIFE	* *			
Plaster	40%	Now	$38,600	LIFE	* *	5	$2,600	
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : 2nd Floor Back And Engine Office								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$13,700	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 224th Street In Front Of Building								
Sinking/Subsiding, Extent : Severe, Area Affected : 10%								
Location : Apron Entrance To Firehouse								
Tripping Hazard, Extent : Severe, Area Affected : 2%								
Location : Apron Entrance								
Parking/Driveway								
Asphalt	80%			2042	* *			
Pavers/Stone	20%			2042	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 313/LADDER CO. 164
Asset # : 13198

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%		2059	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%							
Location : Basement							
Explanation : One 400 Ampere Main Disconnect Switch							
Raceway							
Conduit	90%		2033	$33,100	1		
Conduit	10%		2059	* *	1		
Panelboards							
Fused Disc Sw	5%		2032	$2,500	5		
Molded Case Bkrs	20%		2032	$9,900	5		
Molded Case Bkrs	75%		2055	* *	5	$100	
Wiring							
Thermoplastic	70%		2033	$23,300	1		
Thermoplastic	30%		2059	* *	1		
Motor Controllers							
Locally Mounted	100%		2031	$18,200	5		
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	$100	
Stand-by Power							
Transfer Switches							
Automatic	100%		2050	* *	1	$2,100	
Generators							
Diesel	100%		2046	* *	1	$2,700	
Other Observation, Extent : Light, Area Affected : 100%							
Location : Outside							
Explanation : One Generator 75 Kilovolt Amperes							
Batteries							
Nickel Cadmium	100%		2028	$2,500	5	$1,500	
Fuel Storage							
Day Tank	10%		2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%							
Location : Outside							
Explanation : 120 Gallons							
Main Tank	90%		2068	* *	5		
Other Observation, Extent : Light, Area Affected : 100%							
Location : Basement							
Explanation : 550 Gallons Working Capacity							
Lighting							
Interior Lighting							
LED	100%		2041	* *			
Egress Lighting							
Emergency, Service	70%		2041	* *	1		
Exit, LED	30%		2068	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 313/LADDER CO. 164
Asset # : 13198

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%			2028	$3,200	10		
LED	10%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior								
Explanation : Cameras Security 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								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$60,500	2053	* *	1	$6,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : The Boiler Is Unreliable And Constantly Breaks Down								
Distribution								
Hot Wtr Piping/Pump	100%			2041	* *	4	$300	
Terminal Devices								
Convector/Radiator	100%	0-2	$5,700	2038	* *	1	$2,000	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Radiator In Second Floor Bathroom								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	50%	0-2	$38,100	2043	* *	2	$200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Unit Malfunctioning								
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	20%			2028	$5,300	1		
No Component	30%							
Ventilation								
Exhaust Fans								
Interior	20%	0-2	$300	2033	$6,200	2		
Loose, Extent : Moderate, Area Affected : 5%								
Location : Duct Seperated								
No Component	80%							

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FIRE DEPARTMENT - 057
ENGINE CO. 313/LADDER CO. 164
Asset # : 13198

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		
No Water Meter, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	0-2	$43,700	LIFE	* *	1		
Cracked, Extent : Severe, Area Affected : 10%								
Location : Cracked On Sewer Main Around Apparatus Room. Backup In Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Sewage Ejector(s)								
Electric	100%			2033	$3,600	4	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Light Duty. Serves Basement Bathroom Only. Connected With Extension Cord								
Backflow Preventer								
No Component	95%							
Generic	5%			2038	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 314**		
Address	: **142-04 BROOKVILLE BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.314 / 13199**	**Yr Built/Renovated**	: **1929 /**
Area Sq Ft	: **6,128**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **27-Dec-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **13538** **Lot** : **15**	**BIN**	: **4287743**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$470,800	$79,500
Interior Architecture	$93,100	$92,000
Electrical		$65,000
Mechanical		$108,200
Site Pavements	$95,400	
Total	**$659,300**	**$344,700**
Importance Code A	$470,800	$79,500
Importance Code B	$93,100	$265,200
Importance Code C	$95,400	
Total	**$659,300**	**$344,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$1,200			
Interior Architecture	$147,700		$300	$1,300
Electrical	$10,400			$100
Mechanical	$12,800	$3,300	$3,400	$3,300
Site Enclosure	$31,500			
Total	**$203,700**	**$3,300**	**$3,700**	**$4,700**
Importance Code A	$1,800	$600	$600	$600
Importance Code B	$108,200	$2,700	$3,100	$3,500
Importance Code C	$93,600			$600
Total	**$203,700**	**$3,300**	**$3,700**	**$4,700**

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FIRE DEPARTMENT - 057
ENGINE CO. 314
Asset # : 13199

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	$327,400	LIFE	* *	5	$19,900	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Rear And Side Facade								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Rear Facade Next To Door								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : North And East Facade								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : North And East Facade								
Explanation : Moisture And Water Trapped Behind Paint And Going Through Open Joints								
Masonry: Granite	2%			LIFE	* *	5	$700	
Masonry: Limestone	5%			LIFE	* *	5	$1,800	
Wood Overhead Doors	8%	Now	$53,700	2056	* *	5	$4,700	
Unit Inoperable, Extent : Severe, Area Affected : 100%								
Location : Overhead Door								
Windows								
Aluminum	100%	Now	$89,700	2061	* *	5	$900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : 2nd Floor Office And Bunk Rooms								
Parapets								
Not Accessible	100%							
Roof								
Asphalt Shingle	10%			2045	* *	10	$100	
Modified Bitumen	90%			2036	$79,500	10	$7,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Roof Above Second Floor								
Explanation : Inaccessible								
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 314
Asset # : 13199

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	$45,300	LIFE	* *	5	$5,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : First Floor. Apparatus Floor Slab								
Deflection Evident, Extent : Moderate, Area Affected : 10%								
Location : First Floor Apparatus Floor								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor Slab Supported By Temp Floor Jacks In Basement								
Explanation : Structurally Insufficient								
Cast in Place Concrete	30%	Now	$4,500	LIFE	* *	5	$5,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Ceramic Tile	10%			2045	* *	5	$900	
Quarry Tile	4%			2049	* *	5	$500	
Sheet Vinyl/Rubber	1%			2041	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor								
Explanation : Laminate Wood Flooring								
Vinyl Tile	25%	Now	$4,600	2031	$92,000	3	$800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Second Floor Offices And Bunk Rooms								
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Offices And Bunk Rooms								

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FIRE DEPARTMENT - 057
ENGINE CO. 314
Asset # : 13199

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%			2045	* *	5	$1,200	
Gypsum Board	10%			LIFE	* *	5-10	$2,100	
Masonry: Brick	20%	Now	$23,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Stairs								
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 10%								
Location : Various Locations Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout								
Plaster	30%	Now	$35,600	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Second Floor Bunk Rooms And Offices								
Loose/Delam Surface, Extent : Severe, Area Affected : 40%								
Location : Second Floor Bunk Rooms								
Paint Peeling, Extent : Severe, Area Affected : 30%								
Location : Second Floor, Throughout								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : North, West, And South Walls From The Exterior								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Second Floor								
Explanation : Brick Efflorescence Seeping Through Interior Plaster								
SGFT/Glazed Masonry	30%			LIFE	* *	10	$1,800	
Ceilings								
Exposed Struc: Concrete	35%	Now	$93,100	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement Ceiling								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Cellar, Below Apparatus Slab								
Explanation : Structurally Insufficient								
Metal Panel	10%	Now	$1,500	LIFE	* *	5	$1,100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen And Bathrooms								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Plaster	55%	Now	$29,700	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Second Floor								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Second Floor Offices And Bunk Rooms								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Second Floor Offices								
Site Enclosure								

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FIRE DEPARTMENT - 057
ENGINE CO. 314
Asset # : 13199

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%	Now	$31,500	2056	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : South Gate Misaligned								
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : North And West Side								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Asphalt	100%	Now	$95,400	2049	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Throughout Parking Area								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Driveway And Parking Lot								
Potholes, Extent : Severe, Area Affected : 10%								
Location : Throughout Parking Area								
Sinking/Subsiding, Extent : Severe, Area Affected : 10%								
Location : Throughout Parking Area								
Activity Yard								
Asphalt	100%			2039	* *			
Other Observation, Extent : N/A, Area Affected : 30%								
Location : West Side Of Property								
Explanation : Basketball And Barbeque 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%			2036	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$65,000	5	$200	
Raceway								
Conduit	100%			2036	$36,800	1		
Panelboards								
Molded Case Bkrs	100%			2035	$49,600	5	$200	
Wiring								
Thermoplastic	100%			2036	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5		

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FIRE DEPARTMENT - 057
ENGINE CO. 314
Asset # : 13199

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%	0-2	$10,400	LIFE	* *	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
LED	100%			2044	* *			
Exterior Lighting								
LED	10%			2044	* *			
No Component	90%							

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%			2041	* *	1	$6,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%	0-2	$1,000	2036	$49,100			
Leak Evident, Extent : Light, Area Affected : 3%								
Location : Locker Rooms, Toilet Rooms								
Terminal Devices								
Convector/Radiator	100%			2034	$50,100	1	$2,000	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Controls								
Electrical	100%			2031	$34,100			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2031	$13,900	1		
No Component	40%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Garage								
Explanation : Location Noted								
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,100	
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.
Maintenance $ are aggregated over a ten-year period. 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. 314
Asset # : 13199

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%			2031	$2,700	2		
Wall Unit	20%			2031	$500	2		
No Component	50%							
Not Accessible	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2046	* *	1		
Galvanized Steel	20%			2034	$15,600	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : Two Units, 75mbh 74 Gallons								
Sanitary Piping								
Cast Iron	100%	Now	$3,900	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room, Gymnasium, Kitchen								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2031	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : One Hood, 20 Square Foot								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 315/LADDER CO. 125**		
Address	: **159-06 UNION TURNPIKE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.315 / 13200**	**Yr Built/Renovated**	: **1929 / 2012**
Area Sq Ft	: **5,948**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **07-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **6854** **Lot** : **28**	**BIN**	: **4148377**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$76,000
Mechanical	$58,100	
Total	**$58,100**	**$76,000**
Importance Code B	$58,100	$76,000
Total	**$58,100**	**$76,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$14,000			
Interior Architecture	$48,600			$300
Electrical	$16,700	$5,400		
Mechanical	$8,300	$16,500	$3,400	$3,300
Site Enclosure	$6,000			
Site Pavements	$18,700			
Total	**$112,400**	**$21,800**	**$3,400**	**$3,600**
Importance Code A	$14,600	$600	$600	$600
Importance Code B	$64,600	$21,200	$2,800	$3,000
Importance Code C	$33,200			
Total	**$112,400**	**$21,800**	**$3,400**	**$3,600**

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. 315/LADDER CO. 125
Asset # : 13200

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	$8,100	
Masonry: Brick	85%			LIFE	* *	5	$17,700	
Masonry: Granite	5%			LIFE	* *	5	$800	
Wood Overhead Doors	5%	2-4	$1,500	2038	* *	5	$2,600	
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Front Elevation Apparatus Door								
Windows								
Aluminum	100%	Now	$4,800	2041	* *	5	$1,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Window								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$2,100	
Masonry: Brick	90%	Now	$6,100	LIFE	* *	5	$2,400	
Miss/Damaged Flashings, Extent : Light, Area Affected : 5%								
Location : Rear Parapet								
Roof								
Asphalt Shingle	10%			2042	* *	10	$100	
Modified Bitumen	90%	0-2	$1,700	2041	* *			
Blisters, Extent : Light, Area Affected : 5%								
Location : Roof								
Interior								
Floors								
Cast in Place Concrete	55%	2-4	$8,600	LIFE	* *	5	$11,000	
Ponding, Extent : Light, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	5%			2036	$25,900	5	$500	
Quarry Tile	5%			2046	* *	5	$700	
Terrazzo	5%			LIFE	* *	5	$400	
Vinyl Tile	30%	4+	$15,200	2033	$76,000	3	$1,000	
Worn/Erode, Extent : Light, Area Affected : 15%								
Location : Throughout 2nd Floor								
Interior Walls								
Ceramic Tile	10%			2042	* *	5	$1,200	
Gypsum Board	7%			LIFE	* *	5	$500	
Masonry: Brick	20%			LIFE	* *			
Marble Panels	3%			LIFE	* *			
Plaster	30%	Now	$17,300	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : 2nd Floor Dormitory And Engine Office								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Dormitory South Wall								
SGFT/Glazed Masonry	30%			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. 315/LADDER CO. 125
Asset # : 13200

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%			2046	* *	5	$900	
Exposed Struc: Concrete	10%	Now	$6,900	LIFE	* *	5	$100	
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Basement Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$600	
Plaster	55%			LIFE	* *	5	$3,200	
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$1,700	2053	* *			
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Gate								
Retaining Walls								
Cast in Place Concrete	100%	2-4	$4,400	2068	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Rear Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$5,100	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Of Building At Union Turnpike								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$13,600	2038	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Driveway								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Driveway								

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	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Raceway								
Conduit	95%			2033	$35,000	1		
Conduit	5%			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. 315/LADDER CO. 125
Asset # : 13200

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								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	95%			2032	$47,100	5	$100	
Wiring								
Braided Cloth	50%	2-4	$16,600	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2033	$13,300	1		
Thermoplastic	10%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	98%			2038	* *	10	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement And 1st Floor								
Explanation : T-8 Lamps								
LED	2%			2041	* *			
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$5,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2046	* *	1	$1,900	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2031	$11,300	1		
No Component	50%							

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

FIRE DEPARTMENT - 057
ENGINE CO. 315/LADDER CO. 125
Asset # : 13200

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	20%			LIFE	* *	2-5	$700	
No Component	80%							
Exhaust Fans								
Roof	20%			2033	$2,300	2		
Wall Unit	25%			2028	$600	2		
No Component	55%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2028	$8,500	2		
Gas Fired	50%			2031	$8,500	2		
Sanitary Piping								
Cast Iron	100%	0-2	$3,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	0-2	$1,000	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium, Basement								
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen, Covers 40 Square Feet.								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 316**		
Address	: **27-12 KEARNEY STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.316 / 13201**	**Yr Built/Renovated**	: **1929 / 2009**
Area Sq Ft	: **6,128**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **26-Jan-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1658** **Lot** : **5**	**BIN**	: **4041276**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$129,300	$192,000
Electrical		$65,000
Total	**$129,300**	**$257,000**
Importance Code B	$129,300	$189,100
Importance Code C		$67,900
Total	**$129,300**	**$257,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$64,400	$9,300		
Interior Architecture	$41,000			$600
Electrical	$13,400	$1,700	$500	$400
Mechanical	$10,800	$36,300	$900	$800
Site Pavements	$4,200			
Total	**$133,900**	**$47,300**	**$1,300**	**$1,800**
Importance Code A	$65,000	$9,900	$600	$600
Importance Code B	$44,000	$37,400	$700	$1,200
Importance Code C	$24,800			
Total	**$133,900**	**$47,300**	**$1,300**	**$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. 316
Asset # : 13201

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	$18,600	
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : South Facade								
Masonry: Limestone	10%			LIFE	* *	5	$1,900	
Wood Overhead Doors	15%			2038	* *	5	$18,600	
Windows								
Aluminum	100%			2041	* *	5	$1,800	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$800	
Masonry: Brick	90%	4+	$45,800	LIFE	* *	5	$1,800	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : Interior Parapet								
Pre-cast Concrete	5%			LIFE	* *	5	$600	
Roof								
Modified Bitumen	100%	Now	$18,700	2038	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Center Of Roof								
Seams Open/Split, Extent : Severe, Area Affected : 5%								
Location : Center Of Roof								
Interior								
Floors								
Cast in Place Concrete	35%	4+	$13,400	LIFE	* *	5	$6,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	10%			2042	* *	5	$900	
Granite Panels	5%			LIFE	* *	5	$300	
Vinyl Tile	50%	Now	$62,000	2033	$124,000	3	$1,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout 2nd Floor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Throughout 2nd 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. 316
Asset # : 13201

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%			2036	$67,900	5	$1,200	
Gypsum Board	15%			LIFE	* *	5	$1,100	
Masonry: Brick	15%	0-2	$17,600	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	5%	Now	$3,000	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Offices								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Offices								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Offices								
Plaster	25%			LIFE	* *	5	$900	
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
Exposed Struc: Concrete	25%	Now	$67,300	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Support Of Apparatus Floor Is Reinforced With Lally Columns								
Plaster	70%	Now	$3,800	LIFE	* *	5	$3,900	
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : Garage								
Plaster	5%	Now	$2,700	LIFE	* *	5	$300	
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : 2nd Floor Office								
Site Enclosure								
Fence/Gates								
Chain Link	30%			2053	* *			
Chain Link	70%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	60%			2046	* *			
Cast in Place Concrete	40%	2-4	$4,200	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
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
ENGINE CO. 316
Asset # : 13201

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$200	
Raceway								
Conduit	30%			2053	* *	1		
Conduit	70%			2033	$25,800	1		
Panelboards								
Molded Case Bkrs	50%			2032	$24,800	5	$100	
Molded Case Bkrs	50%			2049	* *	5	$100	
Wiring								
Thermoplastic	75%			2033	$25,000	1		
Thermoplastic	25%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5		
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$1,900	
Generators								
Diesel	100%			2042	* *	1	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : Emergency Generator Rated At 60 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : 125 Gallon Capacity								
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. 316
Asset # : 13201

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	1%			2028	$500	10	$100	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement								
Fluorescent	1%			2028	$500	10	$100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	98%			2038	* *			
Egress Lighting								
Emergency, Service	90%			2038	* *	1		
Emergency, Battery	10%			2033	$1,000	10	$100	
Exterior Lighting								
HID	1%			2033	$300	10		
LED	19%			2038	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$6,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2046	* *	1	$2,000	
Controls								
Electrical	100%			2031	$34,100			
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
ENGINE CO. 316
Asset # : 13201

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%			2033	$14,600			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Unit. R-134 Refrigerant								
Split Unit	10%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor								
Explanation : 1 Unit. R-410a Refrigerant								
Window/Wall Unit	40%			2027	$9,300	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$300	
No Component	90%							
Exhaust Fans								
Roof	10%			2028	$1,200	2		
Wall Unit	20%	0-2	$500	2043	* *	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units, 75 Gallons Each. Quantity 2.								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	0-2	$200	2028	$200	4	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 317 / LADDER CO. 165**		
Address	: **117-11 196th STREET @ LINDEN BLVD.**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.317 / 13202**	**Yr Built/Renovated**	: **1929 / 2011**
Area Sq Ft	: **6,128**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **07-Mar-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **12617** **Lot** : **40**	**BIN**	: **4271743**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical		$65,000
Mechanical	$58,100	$50,100
Total	**$58,100**	**$115,100**
Importance Code B	$58,100	$115,100
Total	**$58,100**	**$115,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$102,700		$1,600	
Interior Architecture	$68,100		$400	$300
Electrical	$3,900	$700	$700	$700
Mechanical	$13,400	$3,500	$3,400	$3,500
Site Enclosure	$42,400			
Total	**$230,500**	**$4,100**	**$6,100**	**$4,500**
Importance Code A	$103,300	$600	$2,200	$600
Importance Code B	$61,900	$3,500	$3,900	$3,900
Importance Code C	$65,300			
Total	**$230,500**	**$4,100**	**$6,100**	**$4,500**

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

FIRE DEPARTMENT - 057
ENGINE CO. 317 / LADDER CO. 165
Asset # : 13202

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	5%			2056	* *	10	$300	
Masonry: Brick	83%	0-2	$28,400	LIFE	* *	5	$17,200	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Side Facade								
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Rear And Side Facades								
Masonry: Granite	2%			LIFE	* *	5	$600	
Masonry: Limestone	5%	0-2	$16,400	LIFE	* *	5	$800	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Metal Sect. OHD	5%			2049	* *	5	$3,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Overhead Door								
Explanation : Fiberglass Material								
Windows								
Aluminum	100%	Now	$28,600	2052	* *	5	$1,000	1
Air Infiltration, Extent : Moderate, Area Affected : 30%								
Location : Second Floor Throughout								
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Stairs								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Window Facing Alley								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$9,700	LIFE	* *	5	$2,100	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Parapet Copings								
Masonry: Brick	90%	0-2	$15,200	LIFE	* *	5	$2,400	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : East Wall								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 5%								
Location : Roof								
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Parapet Walls								
Roof								
Asphalt Shingle	10%			2045	* *	10	$100	
Modified Bitumen	90%	Now	$4,200	2044	* *			
Blisters, Extent : Moderate, Area Affected : 1%								
Location : Various Areas At Roof								
Miss/Damaged Flashings, Extent : Light, Area Affected : 5%								
Location : Upper Roof								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof 1st Floor Lounge								
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. 317 / LADDER CO. 165
Asset # : 13202

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%	0-2	$3,900	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Apparatus Floor								
Cast in Place Concrete	25%	Now	$9,800	LIFE	* *	5	$5,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Uneven Surface, Extent : Severe, Area Affected : 10%								
Location : Basement								
Ceramic Tile	15%	Now	$7,800	2045	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Drains Clogged, Extent : Severe, Area Affected : 30%								
Location : Kitchen Floor								
Terrazzo	5%			LIFE	* *	5	$700	
Vinyl Tile	25%	Now	$12,700	2041	* *	3	$900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout, 2nd Floor								
Loose Units, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Locker Room And Common Area								
Worn/Erode, Extent : Moderate, Area Affected : 60%								
Location : 2nd Floor								
Wood	5%			2064	* *	5	$900	
Interior Walls								
Cast in Place Concrete	10%	Now	$18,100	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Front Basement Wall								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement								
Ceramic Tile	10%			2051	* *	5	$1,200	
Gypsum Board	5%			LIFE	* *	5-10	$1,000	
Masonry: Brick	10%			LIFE	* *	10	$400	
Plaster	35%	Now	$2,000	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%								
Location : Kitchen Area And Side Exit Door Opening								
SGFT/Glazed Masonry	30%			LIFE	* *	10	$1,800	

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

FIRE DEPARTMENT - 057
ENGINE CO. 317 / LADDER CO. 165
Asset # : 13202

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	$200	2049	* *	5	$200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen Ceiling								
Exposed Struc: Concrete	70%			LIFE	* *	5-10	$8,000	
Gypsum Board	2%			LIFE	* *	5-10	$600	
Plaster	23%	0-2	$3,200	LIFE	* *	5	$1,300	
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : 2nd Floor Bunk Room								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$42,400	2066	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 90%								
Location : Side Yard And Rear Yard								
Corrosion/Rusting, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
On-Site Walkways								
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								
Molded Case Bkrs	100%			2046	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$65,000	5	$200	
Raceway								
Conduit	100%			2036	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	95%			2035	$47,100	5	$200	
Wiring								
Thermoplastic	100%			2036	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5		
Ground								

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. 317 / LADDER CO. 165
Asset # : 13202

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	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2034	$13,200	1	$1,900	
Generators								
Diesel	100%			2039	* *	1	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside. Back Yard								
Explanation : One 80 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	
Fuel Storage								
Day Tank	10%			2044	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : One 60 Gallons								
Main Tank	90%			2039	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallons								
Lighting								
Interior Lighting								
Fluorescent	10%			2031	$5,300	10	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement And Stairway								
Explanation : T8 Lamps								
LED	90%			2044	* *			
Egress Lighting								
Emergency, Service	100%			2031	$3,800	1		
Exterior Lighting								
LED	20%			2044	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2031	$11,500	1	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front And Driveway								
Explanation : CCTV Surveillance Cameras								

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		

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

FIRE DEPARTMENT - 057
ENGINE CO. 317 / LADDER CO. 165
Asset # : 13202

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	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%			2036	$49,100			
Terminal Devices								
Convector/Radiator	100%			2034	$50,100	1	$2,000	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Controls								
Electrical	100%			2031	$34,100			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	10%	0-2	$1,000	2034	$9,700	2		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Basement. Gymnasium Area								
Split Unit	10%			2036	$14,600			
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Roof								
Window/Wall Unit	50%			2031	$11,600	1		
No Component	30%							
Terminal Devices								
Air Handler/Dir Expansion	20%			2036	$16,400	1		
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2036	$2,500	2	$900	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,100	
No Component	80%							
Exhaust Fans								
Interior	20%			2036	$5,400	2		
Roof	25%			2036	$3,000	2		
Wall Unit	25%	Now	$700	2046	* *	2		
Broken, Extent : Severe, Area Affected : 10%								
Location : Apparatus Room								
No Component	30%							
Plumbing								

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. 317 / LADDER CO. 165
Asset # : 13202

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%			2056	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Units 73 Gallons Each								
Sanitary Piping								
Cast Iron	100%	Now	$3,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Area								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2029	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set. Fire Suppression On Hood 4 Feet X 6 Feet Which Equals 24 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 318/LADDER CO. 166**		
Address	: **2510 NEPTUNE AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.318 / 13203**	**Yr Built/Renovated**	: **1929 /**
Area Sq Ft	: **5,746**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **13-Jul-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **7013** **Lot** : **7**	**BIN**	: **3188880**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$426,700	
Interior Architecture	$135,300	$90,900
Mechanical	$58,100	
Total	**$620,100**	**$90,900**
Importance Code A	$426,700	
Importance Code B	$193,400	$90,900
Total	**$620,100**	**$90,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$110,600			$2,900
Interior Architecture	$127,500			$400
Electrical	$100	$200	$100	$100
Mechanical	$9,100	$50,700	$3,300	$3,200
Site Pavements	$1,200			
Total	**$248,500**	**$50,800**	**$3,500**	**$6,600**
Importance Code A	$111,100	$600	$500	$3,400
Importance Code B	$95,000	$50,300	$2,900	$3,200
Importance Code C	$42,400			
Total	**$248,500**	**$50,800**	**$3,500**	**$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. 318/LADDER CO. 166
Asset # : 13203

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%			2053	* *	10	$1,200	
Cast in Place Concrete	10%	Now	$78,900	LIFE	* *	5	$13,200	1
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Bulkhead And Rear Extension Foundation								
Masonry: Brick	60%	Now	$260,500	LIFE	* *	5	$15,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Hose Tower								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Hose Tower								
Masonry: Granite	3%	Now	$6,200	LIFE	* *	5	$600	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	5%	0-2	$10,400	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Elevation								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Front Facade								
Metal Sect. OHD	7%			2050	* *	5	$5,800	
Windows								
Aluminum	100%	Now	$4,500	2041	* *	5	$900	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$22,400	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 50%								
Location : Throughout								
Masonry: Brick	90%	Now	$23,400	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Light, 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
ENGINE CO. 318/LADDER CO. 166
Asset # : 13203

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								
Asphalt Shingle	15%			2042	* *	10	$200	
Built-Up (BUR)	80%	Now	$17,500	2028	$87,300			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Corridor, Hose Tower And Bunk Room								
Skylight, Metal/Glass	5%	Now	$26,300	2043	* *			1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	45%	Now	$38,200	LIFE	* *	5	$9,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%	Now	$1,400	2042	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Quarry Tile	5%			2046	* *	5	$700	
Terrazzo	2%			LIFE	* *	5	$200	
Vinyl Tile	33%	Now	$45,400	2033	$90,900	3	$1,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : 2nd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor								
Wood	10%			2061	* *	5	$1,900	
Interior Walls								
Cast in Place Concrete	20%	0-2	$10,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%	Now	$800	2042	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Gypsum Board	15%			LIFE	* *	5	$1,200	
Masonry: Brick	15%			LIFE	* *			
Plaster	30%	Now	$30,000	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Hose Tower, Bunk Room And Throughout								
SGFT/Glazed Masonry	15%			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. 318/LADDER CO. 166
Asset # : 13203

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								
Embossed Metal	10%			LIFE	* *	5	$400	
Exposed Struc: Concrete	25%	Now	$74,700	LIFE	* *	5	$400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Basement Tank And Storage Room								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Tank And Storage Room								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Basement Tank And Storage Room								
Gypsum Board	15%	Now	$1,300	LIFE	* *	5	$1,900	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Bunk Extension								
Plaster	50%	Now	$60,600	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Hose Tower								
Paint Peeling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Corridor And Hose Tower								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2050	* *			
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$1,200	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Side Alley								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	* *	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. 318/LADDER CO. 166
Asset # : 13203

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%			2053	* *	1		
Conduit	10%			2033	$3,700	1		
Panelboards								
Molded Case Bkrs	90%			2049	* *	5	$100	
Molded Case Bkrs	10%			2032	$5,000	5		
Wiring								
Thermoplastic	90%			2053	* *	1		
Thermoplastic	10%			2033	$3,300	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2038	* *	1	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Apparatus Floor And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	10%			2046	* *	1	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit, Serving Rear Lounge Area On 1st Floor								
Steam Boiler	90%			2046	* *	1	$5,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	10%			2049	* *	4		
Steam Piping/Pump	90%			2043	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 318/LADDER CO. 166
Asset # : 13203

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%			2038	* *	1	$1,900	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2028	$13,100	1		
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$600	
No Component	80%							
Exhaust Fans								
Roof	20%	0-2	$700	2033	$2,200	2		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Wall Unit	10%			2028	$200	2		
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$1,000	LIFE	* *	1		
Damaged, Extent : Moderate, Area Affected : 10%								
Location : The Gutter Inside Basement Causes Flooding When It Rains.								
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2027	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Covers 30 Square Feet In Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 319**		
Address	: **78-11 67th ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.319 / 13204**	**Yr Built/Renovated**	: **1930 /**
Area Sq Ft	: **6,576**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **03-Dec-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3776** **Lot** : **56**	**BIN**	: **4091550**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$561,100	
Interior Architecture	$165,900	
Total	**$727,000**	
Importance Code A	$561,100	
Importance Code B	$165,900	
Total	**$727,000**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$84,800		$1,700	
Interior Architecture	$59,000		$800	$400
Electrical	$300	$200	$300	$200
Mechanical	$11,300	$900	$1,200	$900
Site Enclosure	$3,600			
Total	**$159,200**	**$1,100**	**$4,100**	**$1,500**
Importance Code A	$85,500	$700	$2,400	$700
Importance Code B	$47,400	$500	$1,400	$800
Importance Code C	$26,300		$300	
Total	**$159,200**	**$1,100**	**$4,100**	**$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
ENGINE CO. 319
Asset # : 13204

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	$11,800	
Masonry: Brick	90%	Now	$561,100	LIFE	* *	5	$22,700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Foundation Wall At Storage Room								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : East And West Facade								
Explanation : Brushed On Waterproofing Beginning To Peel, With Water Penetration								
Masonry: Granite	1%			LIFE	* *	5	$400	
Masonry: Limestone	1%	Now	$4,000	LIFE	* *	5	$200	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Front Facade								
Metal Sect. OHD	5%	Now	$4,600	2053	* *	5	$2,000	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Overhead Door								
Explanation : Door Repeatedly Being Repaired, Not Operating Correctly.								
Windows								
Aluminum	100%	Now	$18,000	2052	* *	5	$900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : Lintel At 2nd Floor Alley Side								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Various Locations Throughout								
Parapets								
Masonry: Brick	80%	Now	$38,900	LIFE	* *	5	$1,500	
Paint Peeling, Extent : Moderate, Area Affected : 60%								
Location : Roof Parapet Wall								
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Parapet Walls								
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Roof Parapet Wall								
Explanation : Trapped Moisture Behind Painted Walls. Brick Spalling								
Masonry: Limestone	20%			LIFE	* *	5-10	$4,700	
Roof								
Metal Panel	10%			2049	* *	10	$1,700	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Rear Yard								
Explanation : Barbeque Area Shed And Training House.								
Modified Bitumen	88%	Now	$9,000	2041	* *			
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Front, Middle, Rear Of Roof Area								
Skylight, Metal/Glass	2%			2056	* *	10	$600	
Corrosion/Rusting, Extent : Light, Area Affected : 2%								
Location : Skylight Frames								
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. 319
Asset # : 13204

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	55%	Now	$55,300	LIFE	* *	5	$11,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 75%								
Location : Apparatus Floor								
Explanation : Apparatus Floor Supported On Lally Columns In Basement								
Ceramic Tile	10%			2039	* *	5	$1,000	
Mosaic Tile	5%	Now	$4,600	2049	* *	5	$600	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Kitchen, Dining Area								
Vinyl Tile	30%	0-2	$24,500	2044	* *	3	$1,100	
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor								
Interior Walls								
Cast in Place Concrete	20%	Now	$20,600	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Front And Side At Basement								
Ceramic Tile	5%			2039	* *	5	$700	
Gypsum Board	5%			LIFE	* *	5-10	$1,200	
Masonry: Brick	20%			LIFE	* *	10	$800	
Plaster	25%	Now	$1,600	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Roof Hatch								
SGFT/Glazed Masonry	25%			LIFE	* *	10	$1,700	
Ceilings								
AcousTileSusp.Lay-In	15%			2041	* *	5	$1,500	
Exposed Struc: Concrete	30%	Now	$110,600	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Ceiling								
Explanation : Lally Columns Installed To Support Apparatus Floor								
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$3,100	
Plaster	30%	Now	$1,800	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Roof Hatch								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor Bunkroom, Lounge And Roof Hatch								
Site Enclosure								

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

FIRE DEPARTMENT - 057
ENGINE CO. 319
Asset # : 13204

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%	Now	$800	2036	$42,500			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Gate								
Corrosion/Rusting, Extent : Light, Area Affected : 75%								
Location : Throughout								
Retaining Walls								
Cast in Place Concrete	100%	Now	$2,800	2056	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard And Driveway								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2049	* *			
Activity Yard								
Cast in Place Concrete	100%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard								
Explanation : Barbeque Area And Training House.								

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 : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2046	* *	5	$200	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Molded Case Bkrs	100%			2044	* *	5	$200	
Wiring								
Thermoplastic	100%			2046	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
LED	100%			2044	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 319
Asset # : 13204

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								
LED	10%			2044	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2036	$12,300	1	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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								
Steam Boiler	100%			2049	* *	1	$6,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2046	* *			
Terminal Devices								
Convector/Radiator	100%			2041	* *	1	$2,100	
Controls								
Electrical	100%			2034	$36,600			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Window/Wall Unit	60%	0-2	$700	2031	$14,900	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Bunk Room								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,200	
No Component	80%							

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

FIRE DEPARTMENT - 057
ENGINE CO. 319
Asset # : 13204

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	20%	0-2	$500	2036	$2,600	2		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Wall Unit	25%	0-2	$400	2036	$700	2		
Broken, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor Apparatus Room								
No Component	55%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Kitchen								
Explanation : There Is No Exhaust For Stove								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$4,200	2046	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units. 74 Gallons Each								
Sanitary Piping								
Cast Iron	100%	0-2	$4,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Outside Parking Area And Basement. Ocassional Blockage Of Storm Trap								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2029	$200	4	$200	
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **ENGINE CO. 320/LADDER CO. 167**
Address : **36-18 FRANCIS LEWIS BOULEVARD**
Borough : **QUEENS**
Agency's Number : **N/A**
Program / Asset # : **FIRSECO.320 / 13205**
Yr Built/Renovated : **1931 / 2012**
Area Sq Ft : **4,930**
Project Type : **FIRE DEPARTMENT**
Date of Survey : **21-Apr-2022**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **5319** **Lot** : **8**
BIN : **4120143**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$52,200	
Electrical		$65,000
Mechanical	$440,300	
Total	**$492,500**	**$65,000**
Importance Code A	$52,200	
Importance Code B	$440,300	$65,000
Total	**$492,500**	**$65,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture		$6,300	$200	
Interior Architecture	$11,400	$700	$36,100	
Electrical	$10,400	$1,100	$100	
Mechanical	$14,000	$7,000	$3,100	$3,000
Total	**$35,800**	**$15,100**	**$39,500**	**$3,000**
Importance Code A	$200	$6,500	$500	$200
Importance Code B	$33,200	$8,600	$3,200	$2,700
Importance Code C	$2,400		$35,800	
Total	**$35,800**	**$15,100**	**$39,500**	**$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. 320/LADDER CO. 167
Asset # : 13205

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	5%			2043	* *	10	$300	
Alum/Vinyl Siding	5%			2053	* *	10	$300	
Masonry: Brick	70%	Now	$52,200	LIFE	* *	5	$12,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Northwest Corner								
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : North And South Facades								
Masonry: Granite	5%			LIFE	* *	5	$700	
Masonry: Limestone	10%			LIFE	* *	5	$1,400	
Metal Sect. OHD	5%			2046	* *	5	$2,800	
Windows								
Aluminum	95%			2049	* *	5	$400	
Metal Louvers	5%			2042	* *	10	$100	
Parapets								
Masonry: Brick	75%			LIFE	* *	5	$1,100	
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Masonry: Limestone	20%			LIFE	* *	5	$400	
Pre-cast Concrete	5%			LIFE	* *	5	$500	
Roof								
Asphalt Shingle	15%			2036	$6,300	10	$200	
Metal, Corrugated	5%			2046	* *	1		
Modified Bitumen	80%			2038	* *	10	$6,300	
Interior								
Floors								
Cast in Place Concrete	55%			LIFE	* *	5	$10,000	
Ceramic Tile	10%			2046	* *	5	$800	
Quarry Tile	5%			2038	* *	5	$600	
Vinyl Tile	30%			2038	* *	3	$900	
Interior Walls								
Cast in Place Concrete	10%	Now	$1,600	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Around Basement Dampers								
Ceramic Tile	15%			2029	$35,500	5	$600	
Gypsum Board	15%			LIFE	* *	5	$400	
Plaster	35%	Now	$700	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Roof Scuttle								
SGFT/Glazed Masonry	25%			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. 320/LADDER CO. 167
Asset # : 13205

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%			2038	* *	5	$800	
Exposed Struc: Concrete	30%	Now	$7,500	LIFE	* *	5	$400	
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor Ceiling								
Exposed Struc: Steel	30%			LIFE	* *			
Plaster	30%	Now	$1,500	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Roof Scuttle								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	$65,000	5		
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$100	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5		
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
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. 320/LADDER CO. 167
Asset # : 13205

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								
LED	100%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : LED Lights								
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$600	
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
Incandescent	2%			2028	$500	2		
LED	18%			2038	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2049	* *	4	$200	
Terminal Devices								
Convector/Radiator	80%			2046	* *	1	$1,300	
Unit Heater - Steam	20%			2033	$5,600	4	$100	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	10%	0-2	$1,200	2038	* *			
Controller Not Working, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Window/Wall Unit	50%			2031	$9,300	1		
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	10%	0-2	$900	2038	* *	1	$100	
Broken, Extent : Moderate, Area Affected : 50%								
Location : House Watch								
No Component	90%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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FIRE DEPARTMENT - 057
ENGINE CO. 320/LADDER CO. 167
Asset # : 13205

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 Cooled Condenser Unit	10%			2038	* *	2	$300	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$400	
No Component	85%							
Exhaust Fans								
Roof	15%			2033	$1,400	2		
Wall Unit	20%			2038	* *	2		
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	60%			2031	$30,700	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Solar	40%	0-2	$7,600	2028	$382,200	1		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 150 Gallon Storage Tank								
Sanitary Piping								
Cast Iron	100%	0-2	$1,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : One Set Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 321**		
Address	: **2165 GERRITSEN AVENUE @ AVENUE U**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.321 / 13206**	**Yr Built/Renovated**	: **1930 / 2011**
Area Sq Ft	: **6,128**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **21-Dec-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **8817** **Lot** : **49**	**BIN**	: **3248186**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$464,000	
Interior Architecture	$699,600	
Mechanical	$58,100	
Total	**$1,221,700**	
Importance Code A	$464,000	
Importance Code B	$757,700	
Total	**$1,221,700**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$121,600	$5,100		
Interior Architecture	$64,100		$200	$500
Electrical	$3,200	$2,200	$700	$700
Mechanical	$5,200	$51,000	$3,500	$3,500
Site Enclosure	$11,000			
Total	**$205,000**	**$58,300**	**$4,300**	**$4,700**
Importance Code A	$122,200	$5,700	$600	$600
Importance Code B	$17,200	$52,500	$3,700	$4,100
Importance Code C	$65,600			
Total	**$205,000**	**$58,300**	**$4,300**	**$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. 321
Asset # : 13206

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	$464,000	LIFE	* *	5	$18,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Masonry: Granite	2%	Now	$1,800	LIFE	* *	5	$400	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Base Of Front Facade								
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Masonry: Limestone	5%	Now	$18,500	LIFE	* *	5	$900	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Front Facade								
Metal Panel	4%	Now	$3,100	2053	* *	5	$1,800	
Broken/Missing Elements, Extent : Light, Area Affected : 25%								
Location : Southwest Elevation Of Bulkhead								
Slate Panels	1%	Now	$3,600	LIFE	* *	5	$200	
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Slate Window Sills								
Wood Overhead Doors	8%			2038	* *	5	$9,400	
Windows								
Aluminum	98%	Now	$9,100	2049	* *	5	$1,000	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	2%	0-2	$1,600	2058	* *	5	$200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Tower Section								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hose Tower								
Explanation : Boarded Over								
Parapets								
Masonry: Brick	80%	Now	$44,900	LIFE	* *	5	$1,800	1
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Diagonal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Corners								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 35%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$300	
Metal Panel	10%			2053	* *	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. 321
Asset # : 13206

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)	98%	Now	$22,400	2038	* *			
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ponding, Extent : Light, Area Affected : 10%								
Location : Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Toilets And Locker Room								
Skylight, Metal/Glass	2%	Now	$16,500	2053	* *			
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	50%	Now	$390,100	LIFE	* *	5	$10,000	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Basement And Apparatus Floor								
Ceramic Tile	30%			2046	* *	5	$2,800	
Terrazzo	5%			LIFE	* *	5	$400	
Vinyl Tile	15%			2038	* *	3	$500	
Interior Walls								
Cast in Place Concrete	15%	0-2	$8,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2042	* *	5	$700	
Gypsum Board	20%			LIFE	* *	5	$1,700	
Masonry: Brick	15%	0-2	$20,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	30%	Now	$25,900	LIFE	* *	5	$1,300	
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Hose Tower								
Worn/Erode, Extent : Severe, Area Affected : 100%								
Location : Hose Tower And Stair								
SGFT/Glazed Masonry	10%			LIFE	* *			
Wood	5%			LIFE	* *	5	$2,800	

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

FIRE DEPARTMENT - 057
ENGINE CO. 321
Asset # : 13206

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%			2050	* *	5	$1,000	
Exposed Struc: Concrete	20%	Now	$309,500	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Apparatus Floor Supported By Temporary Columns								
Gypsum Board	10%			LIFE	* *	5	$1,300	
Plaster	60%	4+	$9,400	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Hose Tower								
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Hose Tower								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$11,000	2053	* *			
Impact Damage, Extent : Moderate, Area Affected : 10%								
Location : Gate								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2050	* *			

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 : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2043	* *	5	$200	
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$200	
Wiring								
Thermoplastic	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. 321
Asset # : 13206

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%			2038	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$1,900	
Generators								
Diesel	100%			2042	* *	1	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : Emergency Generator Rated At 60 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : 120 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	25%			2038	* *	10	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	75%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Exit, LED	50%			2068	* *	1		
Exterior Lighting								
HID	30%			2033	$8,600	10		
No Component	70%							
Alarm								
Security System								
Generic	100%			2033	$11,500	1	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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%			2053	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 321
Asset # : 13206

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%			2046	* *	1	$6,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Boiler								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$2,000	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	20%			2038	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit On Roof								
Window/Wall Unit	40%			2028	$9,300	1		
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	20%			2038	* *	1	$400	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2038	* *	2	$900	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$1,000	
No Component	70%							
Exhaust Fans								
Interior	20%			2038	* *	2		
Roof	10%			2033	$1,200	2		
Wall Unit	10%			2033	$300	2		
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$1,600	2043	* *	1		
Not Insulated, Extent : Light, Area Affected : 20%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallons Units								
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
ENGINE CO. 321
Asset # : 13206

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)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 323**		
Address	: **6405 AVENUE N**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.323 / 13207**	**Yr Built/Renovated**	: **1932 / 2007**
Area Sq Ft	: **6,802**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **10-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **8364** **Lot** : **6**	**BIN**	: **3235919**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$81,000	
Interior Architecture	$698,500	
Electrical		$166,900
Mechanical	$58,100	$87,400
Total	**$837,700**	**$254,200**
Importance Code A	$81,000	
Importance Code B	$756,700	$254,200
Total	**$837,700**	**$254,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$11,700		$1,000	
Interior Architecture	$93,000		$200	$300
Electrical	$3,400	$20,300	$700	$700
Mechanical	$28,300	$15,400	$3,600	$3,700
Total	**$136,500**	**$35,800**	**$5,600**	**$4,700**
Importance Code A	$12,400	$700	$1,700	$700
Importance Code B	$103,200	$35,100	$3,900	$4,000
Importance Code C	$20,900			
Total	**$136,500**	**$35,800**	**$5,600**	**$4,700**

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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. 323
Asset # : 13207

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	$5,300	
Masonry: Brick	87%	Now	$81,000	LIFE	* *	5	$19,700	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Side Facades And Rear Facades								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Side Facades And Rear Facades								
Masonry: Granite	5%			LIFE	* *	5	$800	
Wood Overhead Doors	5%	Now	$9,700	2038	* *	5	$2,800	
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Front Facade								
Split/Cracked, Extent : Severe, Area Affected : 10%								
Location : Front Of Building								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Front Of Building								
Windows								
Aluminum	100%			2049	* *	5	$2,000	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$1,900	
Masonry: Brick	45%			LIFE	* *	5	$1,100	
Masonry: Granite	5%			LIFE	* *	5	$200	
Stucco Cement	40%			2046	* *	5	$2,600	
Roof								
Modified Bitumen	100%	4+	$2,000	2038	* *			
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof								
Interior								

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FIRE DEPARTMENT - 057

ENGINE CO. 323

Asset # : 13207

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	53%	Now	$430,900	LIFE	* *	5	$11,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Steel Columns And Beams Shoring Up Apparatus Floor From Basement Below								
Quarry Tile	2%	Now	$700	2046	* *	5	$100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Terrazzo	3%	Now	$5,400	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	20%	Now	$52,800	2043	* *	3	$700	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Kitchen, House Watch								
Vinyl Tile	20%			2041	* *	3	$700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor								
Vinyl Tile 9" X 9"	2%	Now	$15,300	2043	* *	3	$100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : House Watch, Basement								
Interior Walls								
Cast in Place Concrete	20%			LIFE	* *			
Ceramic Tile	35%			2042	* *	5	$4,600	
Marble Panels	5%	Now	$5,800	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	40%	Now	$12,800	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Ladder To Roof								
Paint Peeling, Extent : Severe, Area Affected : 40%								
Location : Ladder To Roof								
Ceilings								
AcousTileSusp.Lay-In	10%	Now	$15,900	2053	* *	5	$500	
Worn/Erode, Extent : Severe, Area Affected : 100%								
Location : Kitchen, House Watch								
Exposed Struc: Concrete	50%	Now	$214,800	LIFE	* *	5	$700	
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Plaster	40%	Now	$34,900	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Ladder To Roof								

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FIRE DEPARTMENT - 057
ENGINE CO. 323
Asset # : 13207

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%			2043	* *			
Free Standing Walls								
Concrete Masonry Unit	100%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2053	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2053	* *			

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	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$200	
Raceway								
Conduit	100%			2033	$36,800	1		
Panelboards								
Fused Disc Sw	10%			2032	$5,000	5		
Molded Case Bkrs	90%			2032	$44,700	5	$200	
Wiring								
Thermoplastic	100%			2033	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$2,100	
Generators								
Diesel	100%			2036	$101,800	1	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Side Yard								
Explanation : Emergency Generator Rated At 40 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$300	

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FIRE DEPARTMENT - 057
ENGINE CO. 323
Asset # : 13207

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								
Main Tank	100%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Side Yard								
Explanation : 50 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	25%			2028	$14,800	10	$1,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	75%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st And 2nd Floor								
Explanation : LED Light Fixtures								
Egress Lighting								
Emergency, Service	100%			2033	$4,200	1		
Exterior Lighting								
HID	10%			2028	$3,200	10		
LED	10%			2038	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front And Right Side Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2046	* *	1	$2,200	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 323
Asset # : 13207

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	15%			2038	* *	1	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit, R-410a								
Split Unit	5%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit, R-410a								
Window/Wall Unit	30%	0-2	$3,900	2028	$7,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor								
No Component	50%							
Terminal Devices								
Fan Coil - 2 Pipe	20%			2038	* *	1	$400	
No Component	80%							
Heat Rejection								
Dry Cooler	20%			2038	* *	2	$900	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2-5	$900	
No Component	75%							
Exhaust Fans								
Interior	15%			2038	* *	2		
Roof	10%			2033	$1,300	2		
Wall Unit	25%			2038	* *	2	$100	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$87,400	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units. 75 Gallons								
Sanitary Piping								
Cast Iron	100%	0-2	$8,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 15%								
Location : Frequent Water Backs Up To Kitchen And Apparatus Floor								
Sump Pump(s)								
Submersible	100%	0-2	$4,100	2027	$8,300	4	$100	
Broken, Extent : Severe, Area Affected : 100%								
Location : Basement. Sump Pump Broken								
Fixtures								
Generic	100%							

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FIRE DEPARTMENT - 057

ENGINE CO. 323

Asset # : 13207

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%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen Fire Suppression 18 Square Feet								
Explanation : 1 Set								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 324**		
Address	: **108-01 HORACE HARDING EXP.**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.324 / 13208**	**Yr Built/Renovated**	: **1939 /**
Area Sq Ft	: **5,952**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **02-Mar-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1964** **Lot** : **65**	**BIN**	: **4048310**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$127,400	
Interior Architecture		$100,900
Electrical		$180,700
Mechanical		$58,100
Site Pavements	$55,400	
Total	**$182,700**	**$339,700**
Importance Code A	$127,400	$65,000
Importance Code B		$274,700
Importance Code C	$55,400	
Total	**$182,700**	**$339,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$48,300			$2,900
Interior Architecture	$52,800			$500
Electrical	$3,100	$10,700	$400	$400
Mechanical	$25,700	$20,500	$3,500	$3,300
Site Enclosure	$10,600			
Total	**$140,400**	**$31,200**	**$3,900**	**$7,100**
Importance Code A	$48,900	$700	$600	$3,500
Importance Code B	$75,700	$30,600	$3,300	$3,600
Importance Code C	$15,800			
Total	**$140,400**	**$31,200**	**$3,900**	**$7,100**

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FIRE DEPARTMENT - 057
ENGINE CO. 324
Asset # : 13208

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	82%	Now	$127,400	LIFE	* *	5	$15,500	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foundation, Exterior Wall Near Stairs								
Masonry: Granite	3%			LIFE	* *	5	$400	
Masonry: Limestone	5%	Now	$14,900	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Metal Sect. OHD	10%			2050	* *	5	$5,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Overhead Door								
Roof								
Asphalt Shingle	100%	Now	$29,100	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Bunker Room At Gutter Location								
Soffits								
Wood	100%	4+	$4,300	2046	* *	5	$9,900	
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : Cornice Overhang								
Interior								
Floors								
Cast in Place Concrete	50%	4+	$7,800	LIFE	* *	5	$10,000	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Floor								
Ceramic Tile	5%			2042	* *	5	$500	
Terrazzo	5%			LIFE	* *	5	$400	
Vinyl Tile	40%			2033	$100,900	3	$1,800	
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$200	
Gypsum Board	5%			LIFE	* *	5	$100	
Masonry: Brick	10%			LIFE	* *			
Plaster	45%	Now	$5,100	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Window At Roof Access, Stairway								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Window At Roof Access								
Plywood/Hardboard	10%			LIFE	* *			
SGFT/Glazed Masonry	25%			LIFE	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 324
Asset # : 13208

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%	0-2	$3,000	2038	* *	5	$500	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Kitchen, Throughout								
Worn/Erode, Extent : Severe, Area Affected : 100%								
Location : Kitchen, Throughout								
Exposed Struc: Concrete	25%			LIFE	* *	5	$400	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Basement Floor								
Explanation : Temporary Support Columns For Apparatus Floor								
Plaster	65%	0-2	$36,100	LIFE	* *	5	$3,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bathroom, Apparatus Area								
Site Enclosure								
Fence/Gates								
Chain Link	10%			2059	* *			
Chain Link	90%	0-2	$10,600	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$55,400	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Rear Parking								

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	$65,000	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$200	
Raceway								
Conduit	100%			2033	$36,800	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 324
Asset # : 13208

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								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	95%			2032	$47,100	5	$100	
Wiring								
Thermoplastic	100%			2033	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$1,800	
Generators								
Diesel	100%			2042	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Backyard								
Explanation : One 40 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 50 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2033	$50,700	10	$5,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2028	$1,800	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
HID	30%			2028	$8,300	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%			2053	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 324
Asset # : 13208

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%			2038	* *	1	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%	0-2	$2,400	2033	$47,700			
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Return Line In Basement								
Terminal Devices								
Convector/Radiator	100%	0-2	$1,000	2038	* *	1	$1,700	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Bunker Room								
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	15%			2033	$21,200			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : One Unit In Back Yard								
Window/Wall Unit	20%	0-2	$4,500	2033	$4,500	1		
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
Window/Wall Unit	20%			2027	$4,500	1		
No Component	45%							
Terminal Devices								
Fan Coil - 2 Pipe	15%	0-2	$1,500	2033	$15,000	1	$300	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Condensate Leaks To The Gymnasium Ceiling								
Other Observation, Extent : Light, Area Affected : 100%								
Location : On Top Of The Gymnasium Ceiling.								
Explanation : Inefficient Unit With Mechanical Defect. Not Enough Space To Replace The Air Filters.								
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2033	$1,400	2	$600	
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%	0-2	$2,000	LIFE	* *	2-5	$500	
Unbalanced System, Extent : Moderate, Area Affected : 100%								
Location : Kitchen. Waiting And Television Room On 1st Floor.								
No Component	85%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 324
Asset # : 13208

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	15%			2033	$4,000	2		
Wall Unit	20%	0-2	$500	2043	* *	2		
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	3%	0-2	$2,300	2063	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Obsolete Water Main Valve								
Brass/Copper	97%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%	0-2	$3,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Causes Flooding In Front Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : From 2nd Floor Bathrooms To The Apparatus Floor.								
Sump Pump(s)								
Submersible	50%	0-2	$100	2028	$100	4	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 100%								
Location : From Basement								
No Component	50%							
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2031	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 325/LADDER 163**		
Address	: **41-24 51st STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.325 / 13209**	**Yr Built/Renovated**	: **1939 / 2012**
Area Sq Ft	: **5,940**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **03-Dec-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **131** **Lot** : **31**	**BIN**	: **4000979**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$112,100
Mechanical		$128,600
Total		**$240,700**
Importance Code B		$240,700
Total		**$240,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Interior Architecture	$53,800		$200	$200
Electrical	$800	$600	$3,200	$600
Mechanical	$14,400	$3,100	$4,100	$3,100
Site Pavements	$13,500			
Total	**$82,600**	**$3,800**	**$7,500**	**$3,900**
Importance Code A	$600	$500	$600	$500
Importance Code B	$53,200	$3,300	$6,900	$3,500
Importance Code C	$28,800			
Total	**$82,600**	**$3,800**	**$7,500**	**$3,900**

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. 325/LADDER 163
Asset # : 13209

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								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : All Facades								
Explanation : Scafoldings And Nettings, Full Height From Sidewalk To Parapet Level.								
Windows								
Under Construction	100%							
Parapets								
Under Construction	100%							
Roof								
Under Construction	100%							
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	* *	5	$26,600	
Other Observation, Extent : N/A, Area Affected : 60%								
Location : Basement								
Explanation : Construction On Going.								
Vinyl Tile	20%			2041	* *	3	$700	
Vinyl Tile 9" X 9"	15%			2036	$112,100	3	$700	
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *	10	$4,800	
Gypsum Board	10%			LIFE	* *	5-10	$2,200	
Plaster	35%	Now	$10,900	LIFE	* *	5	$1,300	
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Roof Access And Bulkhead								
SGFT/Glazed Masonry	40%			LIFE	* *	10	$2,600	
Ceilings								
AcousTileSusp.Lay-In	10%	Now	$9,300	2056	* *	5	$500	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Exposed Struc: Steel	25%			LIFE	* *	10	$4,700	
Plaster	65%			LIFE	* *	5-10	$10,400	
Recent Repair Evident, Extent : N/A, Area Affected : 30%								
Location : Stair								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Various Locations Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2046	* *			
Free Standing Walls								
Cast in Place Concrete	100%			2056	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$4,400	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Of Building 51st Street								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 325/LADDER 163
Asset # : 13209

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								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$9,100	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Side Yard								
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Rear 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								
Fused Disc Sw	100%			2046	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2046	* *	5	$200	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2044	* *	5		
Molded Case Bkrs	95%			2044	* *	5	$100	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$1,800	
Generators								
Diesel	100%			2039	* *	1	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Side Of The Building								
Explanation : Emergency Generator Rated At 60 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$200	

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

FIRE DEPARTMENT - 057
ENGINE CO. 325/LADDER 163
Asset # : 13209

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	25%			2044	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator								
Explanation : 125 Gallons Rated Capacity								
Main Tank	75%			2039	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2044	* *			
Egress Lighting								
Emergency, Service	100%			2044	* *	1		
Exterior Lighting								
LED	20%			2044	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2044	* *	1	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : Cctv Surveillance Cameras								

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%			2046	* *	1		
Natural Gas	80%			2056	* *	1		
Conversion Equipment								
Radiant Heater	20%			2041	* *	2	$600	
Steam Boiler	80%			2049	* *	1	$4,700	
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,000	
Steam Piping/Pump	80%			2046	* *			
Terminal Devices								
Convector/Radiator	60%			2041	* *	1	$1,200	
Fan Coil Unit/Heat	20%	0-2	$1,500	2036	$29,500	1	$300	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Room. 1 Unit Not Working								
No Component	20%							
Controls								
Electrical	100%			2034	$33,000			
Air Conditioning								

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FIRE DEPARTMENT - 057
ENGINE CO. 325/LADDER 163
Asset # : 13209

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%			2052	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	30%			2041	* *	2	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Unit Temporarily Removed Due To Construction At The Roof								
Split Unit	50%	0-2	$3,500	2036	$70,500			
Broken, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor. 1 Unit Not Working								
Window/Wall Unit	20%	0-2	$200	2031	$4,500	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 1 Unit In Locked Room Not Working								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2	$2,900	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$2,100	
No Component	60%							
Exhaust Fans								
Interior	10%	0-2	$300	2041	* *	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Exhaust. Unit Constantly Trip Off When In Use								
Roof	40%			2041	* *	2	$100	
Wall Unit	10%			2036	$300	2		
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Units 74 Gallons Each								
Sanitary Piping								
Cast Iron	100%	Now	$3,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 2%								
Location : Front Entrance Of Apparatus Floor								
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement								
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
ENGINE CO. 325/LADDER 163
Asset # : 13209

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%			2027	$200	4	$200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2034	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression 5 Feet X 10 Feet Which Equals 50 Square Feet								

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

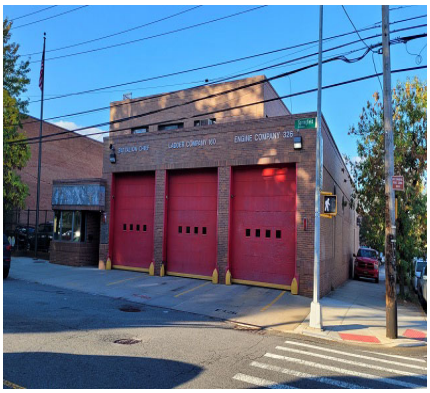
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 326/LADDER 160**		
Address	: **64-04 SPRINGFIELD BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.326 / 13210**	**Yr Built/Renovated**	: **1984 /**
Area Sq Ft	: **8,862**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **07-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **7621** **Lot** : **12**	**BIN**	: **4162454**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$169,200	
Electrical	$152,600	$130,000
Mechanical	$58,100	$58,000
Total	**$380,000**	**$188,000**
Importance Code A		$65,000
Importance Code B	$380,000	$123,000
Total	**$380,000**	**$188,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$11,600	$700		
Interior Architecture	$6,100			$6,000
Electrical	$3,300	$19,100	$600	$600
Mechanical	$36,300	$58,900	$3,600	$3,200
Site Enclosure				
Site Pavements	$50,400			
Total	**$107,700**	**$78,700**	**$4,200**	**$9,800**
Importance Code A	$12,000	$1,200	$400	$400
Importance Code B	$46,300	$77,500	$3,800	$9,400
Importance Code C	$49,400			
Total	**$107,700**	**$78,700**	**$4,200**	**$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
ENGINE CO. 326/LADDER 160
Asset # : 13210

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 Cavity	80%			LIFE	* *	5	$9,500	
Mosaic Tile	2%			2053	* *	10	$700	
Window Wall	3%			2053	* *	5	$1,300	
Wood Overhead Doors	15%	2-4	$2,600	2046	* *	5	$4,500	
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : All Overhead Door								
Windows								
Aluminum	100%	Now	$4,300	2041	* *	5	$200	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Blue Room And Locker Room								
Unit Inoperable, Extent : Moderate, Area Affected : 20%								
Location : Bunkroom								
Parapets								
Cast Stone/Terra Cotta	20%	Now	$2,300	LIFE	* *	5	$1,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Parking Lot Side Parapet								
Masonry: Brick	80%			LIFE	* *	5	$800	
Roof								
Asphalt Shingle	10%			2042	* *	10	$200	
Modified Bitumen	88%	0-2	$2,400	2041	* *			
Drains Clogged, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof Drain								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof								
Skylight, Plastic	2%			2046	* *	1		
Soffits								
Gypsum Board: Exterior Grade	100%			LIFE	* *			
Interior								
Floors								
Cast in Place Concrete	50%	2-4	$169,200	LIFE	* *	5	$14,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Apparatus Room								
Ceramic Tile	5%			2042	* *	5	$700	
Panel/Paver: Cer/Brk	40%			2055	* *	5	$11,900	
Quarry Tile	5%			2046	* *	5	$1,000	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2042	* *	5	$300	
Concrete Masonry Unit	45%			LIFE	* *	5	$1,100	
SGFT/Glazed Masonry	40%			LIFE	* *			

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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. 326/LADDER 160
Asset # : 13210

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	40%	Now	$4,400	2046	* *	5	$2,700	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Around Air Vents Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Around Air Vents Throughout								
Exposed Struc: Steel	10%			LIFE	* *			
Gypsum Board	25%	Now	$1,200	LIFE	* *	5	$4,100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor Ceiling								
Plaster	25%			LIFE	* *	5	$2,100	
Site Enclosure								
Fence/Gates								
Aluminum Rail	2%			2046	* *	5-10	$200	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Roof								
Explanation : On Roof Adjacent To Parapet								
Chain Link	98%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$1,200	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : By Driveway								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	90%	Now	$49,200	2042	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								
Cast in Place Concrete	10%			2046	* *			

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	$65,000	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 326/LADDER 160
Asset # : 13210

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%			2033	$65,000	5	$200	
Raceway								
Conduit	100%			2033	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	95%			2032	$47,100	5	$200	
Wiring								
Thermoplastic	100%			2033	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2031	$13,200	1	$2,700	
Generators								
Diesel	100%			2029	$101,800	1	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 30 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$300	
Fuel Storage								
Day Tank	50%			2032	$12,800	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 75 Gallons								
Main Tank	50%			2036	$38,400	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallons								
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. 326/LADDER 160
Asset # : 13210

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	66%			2028	$50,800	10	$5,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement, 3rd Floor And Offices								
Explanation : T-12 Lamps								
Fluorescent	30%			2038	* *	10	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 3rd Floor And Locker Room								
Explanation : T-8 Lamps								
Fluorescent	2%			2038	* *	10	$200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Kitchen								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Service	40%			2028	$2,200	1		
Emergency, Service	20%			2038	* *	1		
Exit, Service	40%			2028	$1,500	1		
Exterior Lighting								
HID	16%			2028	$6,600	10		
HID	4%			2041	* *	10		
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2038	* *	1	$4,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$400	2041	* *	4	$400	
Insul. Deteriorating, Extent : Light, Area Affected : 10%								
Location : On Top Of The Boiler, Basement								
Terminal Devices								
Convector/Radiator	80%			2031	$58,000	1	$2,300	
Unit Heater - Hot Water	20%			2028	$10,500			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	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. 326/LADDER 160
Asset # : 13210

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								
Exterior Pkg Unit - Cooling	45%	0-2	$2,200	2033	$43,700	2	$200	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units, Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Inefficient Units								
Window/Wall Unit	30%			2028	$10,100	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%	0-2	$19,500	LIFE	* *	2-5	$2,500	
Insul. Deteriorating, Extent : Moderate, Area Affected : 70%								
Location : Inside The Ceiling, Various Locations.								
No Component	50%							
Exhaust Fans								
Roof	50%			2038	* *	2	$100	
Wall Unit	25%			2028	$1,000	2	$100	
No Component	25%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	10%	Now	$6,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 60%								
Location : Parking Lot To Street Sewage, Causing Water Backup In Basement And Parking Lot.								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$300	4	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2033	$12,300	1-2	$300	

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. 326/LADDER 160
Asset # : 13210

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%			2027	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen, Covers 20 Square Feet.								
Explanation : 1 Set								

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **ENGINE CO. 329**
Address : **402 BEACH 169th STREET**
Borough : **QUEENS**
Program / Asset # : **FIRSECO.329 / 13211**
Area Sq Ft : **7,076**
Date of Survey : **09-Mar-2022**
Areas Surveyed : **Roof, Floors 1,2**
Block : **16325** **Lot** : **100**

Agency's Number : **N/A**
Yr Built/Renovated : **1961 /**
Project Type : **FIRE DEPARTMENT**
Landmark Status : **NONE**
BIN : **4307098**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$136,200	
Interior Architecture	$102,400	
Electrical		$130,000
Mechanical	$376,600	
Total	**$615,200**	**$130,000**
Importance Code A	$136,200	$65,000
Importance Code B	$479,000	$65,000
Total	**$615,200**	**$130,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$68,000	$6,100		
Interior Architecture	$111,500			$700
Electrical	$20,400	$200		
Mechanical	$18,900	$29,500	$3,300	$3,000
Site Enclosure	$49,200			
Site Pavements	$2,100			
Total	**$270,200**	**$35,800**	**$3,300**	**$3,600**
Importance Code A	$68,400	$6,600	$400	$400
Importance Code B	$141,400	$29,200	$2,900	$3,300
Importance Code C	$60,400			
Total	**$270,200**	**$35,800**	**$3,300**	**$3,600**

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. 329
Asset # : 13211

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	88%	Now	$136,200	LIFE	* *	5	$16,500	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : 2nd Floor Veranda, East Facade, Stair Bulkhead And Above Windows								
Metal Panel	2%			2043	* *	5-10	$2,600	
Metal Sect. OHD	10%			2038	* *	5	$5,900	
Windows								
Aluminum	100%	Now	$4,500	2049	* *	5	$200	
Air Infiltration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$1,100	
Masonry: Brick	90%	Now	$47,300	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Corners								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout Veranda								
Roof								
IRMA/Protected Membrane	25%			2038	* *	10	$2,500	
Paver Block Ballast, Extent : Light, Area Affected : 100%								
Location : Over First Floor								
Modified Bitumen	75%	Now	$16,300	2038	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Front Over Officer Bunkroom								
Interior								

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FIRE DEPARTMENT - 057

ENGINE CO. 329

Asset # : 13211

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%	4+	$18,000	LIFE	* *	5	$9,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	5%			2036	$29,900	5	$500	
Quarry Tile	5%	2-4	$800	2038	* *	5	$400	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Kitchen								
Vinyl Tile	35%	Now	$20,500	2028	$102,400	3	$1,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor								
Vinyl Tile 9" X 9"	15%	2-4	$12,700	2043	* *	3	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Patching Evident, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%	Now	$500	2036	$9,000	5	$100	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Bathroom								
Concrete Masonry Unit	10%			LIFE	* *	5	$100	
Plaster	45%	Now	$10,800	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor Throughout								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Bathroom								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Stairwell, Officer Locker Room And Bunkroom And 2nd Floor Sitting Room								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2046	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Exposed Struc: Concrete	35%			LIFE	* *	5	$600	
Gypsum Board	10%			LIFE	* *	5	$1,300	
Plaster	50%	Now	$48,300	LIFE	* *	5	$3,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Underside Of Basement Stair								
Spalling, Extent : Severe, Area Affected : 15%								
Location : Apparatus Room And 2nd Floor								
Site Enclosure								

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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. 329
Asset # : 13211

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%	0-2	$49,200	2053	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$2,100	2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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	$65,000	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Available Nameplate Rating Capacity								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$200	
Raceway								
Conduit	100%			2033	$36,800	1		
Panelboards								
Molded Case Bkrs	50%			2032	$24,800	5	$100	
Molded Case Bkrs	50%			2041	* *	5	$100	
Wiring								
Braided Cloth	30%	2-4	$10,000	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2033	$23,300	1		
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
LED	100%			2038	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 329
Asset # : 13211

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								
LED	20%			2038	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	20%			2038	* *	1	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit								
Hot Water Boiler	80%			2038	* *	1	$2,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	80%	0-2	$600	2041	* *	4	$300	
Insul. Deteriorating, Extent : Moderate, Area Affected : 30%								
Location : Basement And Apparatus Floor								
No Component	20%							
Terminal Devices								
Convector/Radiator	50%			2031	$28,900	1	$1,100	
Unit Heater - Steam	30%			2028	$12,100	4	$300	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	40%	0-2	$5,400	2028	$10,700	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$2,000	
No Component	50%							

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

FIRE DEPARTMENT - 057

ENGINE CO. 329

Asset # : 13211

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	30%	Now	$1,600	2033	$4,100	2	$100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Hood And Others, Roof								
Roof	20%			2038	* *	2		
Wall Unit	50%	0-2	$1,500	2043	* *	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : 2 Obsolete Units								
Plumbing								
H/C Water Piping								
Brass/Copper	10%	Now	$1,800	2043	* *	1		
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Explanation : Drinking Water Filtration Needed Due To Bad Water Quality Complain By The End Users.								
Brass/Copper	90%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2032	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Cellar Mechanical Room								
Explanation : One 75 Gallon Heater								
Solar	5%	0-2	$3,200	2028	$31,800	1		
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Broken Tubes. Roof								
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Entire Solar System								
Solar	45%			2028	$286,600	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	10%	Now	$1,700	2028	$5,800	1	$2,300	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Hood								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 15 Square Feet								
Generic	90%			2028	$52,300	1-10	$26,100	

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

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **29-Mar-2023**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **531** **Lot** : **49**	**BIN**	: **1008526**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$111,700	
Interior Architecture	$138,900	
Electrical		$114,300
Total	**$250,600**	**$114,300**
Importance Code A	$111,700	
Importance Code B	$138,900	$114,300
Total	**$250,600**	**$114,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$74,000		$16,100	$15,100
Interior Architecture	$53,000	$1,100	$700	$600
Electrical	$1,000	$3,800	$9,500	$900
Mechanical	$24,700	$1,700	$55,800	$1,700
Total	**$152,800**	**$6,600**	**$82,200**	**$18,200**
Importance Code A	$75,200	$1,300	$17,400	$16,300
Importance Code B	$63,000	$4,700	$64,800	$1,900
Importance Code C	$14,500	$700		
Total	**$152,800**	**$6,600**	**$82,200**	**$18,200**

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. 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	$28,900	
Masonry: Granite	5%	4+	$19,200	LIFE	* *	5	$1,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Granite Panels Adjacent To Overhead Door Openings								
Masonry: Limestone	10%			LIFE	* *	5	$3,300	
Metal Panel	5%			2044	* *	5-10	$15,300	
Metal Sect. OHD	10%			2047	* *	5	$13,900	
Metal: Cage/Fence	5%			2039	* *	5	$9,700	
Windows								
Aluminum	50%			2042	* *	5	$1,300	
Wood	50%	Now	$58,800	2059	* *	5	$6,700	
Air Infiltration, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Front Office								
Unit Inoperable, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Front Office								
Other Observation, Extent : N/A, Area Affected : 20%								
Location : 2nd Floor Front Office								
Explanation : Wood Patio Door Window								
Parapets								
Masonry: Brick	65%	Now	$23,700	LIFE	* *	5	$900	
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Main Roof								
Parge/Tar Separating, Extent : Moderate, Area Affected : 50%								
Location : Main Roof Parapets								
Masonry: Sandstone	15%	Now	$18,300	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Coping Stones Have Failed And Need To Be Replaced.								
Metal Cornice	20%			2049	* *	10	$800	
Roof								
Asphalt Shingle	20%			2030	$14,700	10	$400	
Copper/Terne	20%			2049	* *	10	$6,200	
Roll Roofing	60%	Now	$5,300	2030	$52,900	5	$6,200	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 3rd Floor Ceiling								
Interior								

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

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	$13,700	LIFE	* *	5	$16,100	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Explanation : Epoxy Paint Finish Is Cracking								
Ceramic Tile	5%			2043	* *	5	$900	
Quarry Tile	5%			2039	* *	5	$1,400	
Vinyl Tile	25%	Now	$138,900	2044	* *	3	$1,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : 2nd And 3rd Floors								
Patching Evident, Extent : Severe, Area Affected : 30%								
Location : 2nd And 3rd Floors								
Uneven Substrate, Extent : Severe, Area Affected : 50%								
Location : 2nd And 3rd Floors								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : 2nd And 3rd Floors								
Explanation : Vinyl Tiles Are Very Old, Deteriorated And Should Be Replaced.								
Wood	25%	0-2	$15,000	2049	* *	5	$4,300	
Dry Rot/Decay, Extent : Severe, Area Affected : 10%								
Location : Attic								
Worn/Erode, Extent : Severe, Area Affected : 20%								
Location : 3rd Floor Weight Room								
Interior Walls								
Ceramic Tile	5%			2043	* *	5	$1,400	
Concrete Masonry Unit	5%			LIFE	* *	5	$500	
Gypsum Board	5%			LIFE	* *	5	$800	
Masonry: Brick	20%			LIFE	* *			
Plaster	40%	Now	$14,500	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 3rd Floor East And West Walls, 2nd Floor Locker Room								
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 3rd Floor East And West Walls								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
Embossed Metal	75%	4+	$9,800	LIFE	* *	5	$6,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : All Floors								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor								
Gypsum Board	5%			LIFE	* *	5	$1,200	
Masonry: Infill Arch	20%			LIFE	* *			
Site Enclosure								
Retaining Walls								
Masonry: Brick	100%			2044	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2047	* *			

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	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$100	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	75%			2042	* *	5	$300	
Molded Case Bkrs	25%			2050	* *	5	$100	
Wiring								
Thermoplastic	70%			2044	* *	1		
Thermoplastic	30%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$3,900	
Generators								
Diesel	100%			2043	* *	1	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 62 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,700	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
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
Stand-by Power								
Fuel Storage								
Day Tank	30%			2050	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Tank								
Main Tank	70%			2074	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Recently Installed								
Lighting								
Interior Lighting								
Fluorescent	95%			2034	$114,300	10	$11,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	5%			2029	$8,600	2		
Egress Lighting								
Emergency, Service	70%			2034	$6,000	1		
Exit, Service	30%			2034	$1,800	1		
Exterior Lighting								
HID	30%			2039	* *	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Operated Via Timer And Switches								
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%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$12,500	
Distribution								
Steam Piping/Pump	100%			2044	* *			
Terminal Devices								
Convector/Radiator	90%			2039	* *	1	$3,700	
Unit Heater - Steam	10%	Now	$1,600	2034	$7,900	4	$100	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : 1st Floor								
Explanation : No Controls								
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 33/ LADDER CO. 9
Asset # : 13021

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	30%			2029	$15,700	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,100	
Exhaust Fans								
Roof	30%	2-4	$4,000	2034	$8,100	2	$100	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Mens And Womens Bathroom On The 2nd Floor. No Ventilation In Bathrooms								
Roof	60%			2039	* *	2	$200	
Roof	10%			2034	$2,700	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2029	$37,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$17,500	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 30%								
Location : Basement Sewage Backflow During Storms								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
No Component	99%							
Generic	1%			2032	$600	1-10	$300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression System Over The Hood Covers 30 Square Feet (6x5).								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 330/LADDER CO. 172**		
Address	: **2312 65th STREET BTWN W. 4TH ST - W. 5TH ST**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.330 / 13212**	**Yr Built/Renovated**	: **1965 / 2012**
Area Sq Ft	: **7,740**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **09-Nov-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **6580** **Lot** : **6**	**BIN**	: **3173419**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$130,200	
Electrical		$65,000
Mechanical		$98,800
Total	**$130,200**	**$163,800**
Importance Code B	$130,200	$163,800
Total	**$130,200**	**$163,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$9,800			$22,900
Interior Architecture	$70,300	$500		$600
Electrical	$5,400	$100		
Mechanical	$8,800	$600	$42,800	$800
Total	**$94,300**	**$1,200**	**$42,800**	**$24,400**
Importance Code A	$10,200	$400	$400	$23,300
Importance Code B	$84,100	$600	$42,400	$1,100
Importance Code C		$200		
Total	**$94,300**	**$1,200**	**$42,800**	**$24,400**

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

FIRE DEPARTMENT - 057
ENGINE CO. 330/LADDER CO. 172
Asset # : 13212

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	30%			2044	* *	10	$2,000	
Masonry: Brick	60%			LIFE	* *	5	$12,800	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : At Building Corner								
Wood Overhead Doors	10%			2047	* *	5	$10,600	
Windows								
Aluminum	100%			2050	* *	5	$500	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$1,000	
Masonry: Brick	90%			LIFE	* *	5	$1,100	
Roof								
Asphalt Shingle	30%			2043	* *	10	$500	
Modified Bitumen	40%	Now	$4,500	2034	$45,100			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Over Locker Room Area								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Roof								
Explanation : Steel Bracing Support Penetration At Roof Possible Source Of Leaks During Heavy Rain.								
Roll Roofing	30%			2030	$20,100	5	$5,200	
Soffits								
Stucco Cement	100%			2047	* *	5		
Interior								
Floors								
Cast in Place Concrete	40%	0-2	$7,400	LIFE	* *	5	$9,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Room								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Bollards At Front								
Explanation : Cracks And Crumbling Condition								
Ceramic Tile	5%			2043	* *	5	$500	
Vinyl Tile	30%			2039	* *	3	$1,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Vinyl Tile 9" X 9"	15%	Now	$2,600	2029	$130,200	3	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Corridor And Bunk Room								
Wood	10%			2062	* *	5	$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. 330/LADDER CO. 172
Asset # : 13212

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								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	10%			2043	* *	5	$500	
Concrete Masonry Unit	15%			LIFE	* *	5	$300	
Gypsum Board	15%			LIFE	* *	5	$400	
Plaster	10%			LIFE	* *	5	$100	
SGFT/Glazed Masonry	45%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%	Now	$1,800	2047	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Concrete	15%	Now	$48,800	LIFE	* *	5	$300	
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Basement								
Explanation : Above The Voice Alarm Panel Is A Crack On The Slab, Which Leaks During Heavy Rain								
Gypsum Board	15%			LIFE	* *	5	$2,000	
Plaster	50%	Now	$8,300	LIFE	* *	5	$3,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Room And 2nd Floor Locker Room								
Loose/Delam Surface, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Room And Locker Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Locker Room On 2nd Floor								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2060	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Sidewalk								
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2047	* *			

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. 330/LADDER CO. 172
Asset # : 13212

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%							
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	$65,000	5		
Raceway								
Conduit	100%			2034	$36,800	1		
Panelboards								
Molded Case Bkrs	100%			2033	$49,600	5	$200	
Wiring								
Thermoplastic	100%			2034	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2032	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	20%	0-2	$5,400	2044	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Room								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Apparatus Room								
LED	80%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : LED Lighting Fixtures Installed.								
Exterior Lighting								
LED	20%			2034	$8,300			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2047	* *	1	$3,800	
Distribution								
Hot Wtr Piping/Pump	100%			2050	* *	4	$400	
Terminal Devices								
Convector/Radiator	30%			2047	* *	1	$800	
Convector/Radiator	70%			2039	* *	1	$1,800	

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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. 330/LADDER CO. 172
Asset # : 13212

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%			2032	$29,300	1		
Ventilation								
Exhaust Fans								
Interior	40%			2029	$13,700	2	$100	
Roof	30%			2029	$4,500	2	$100	
Wall Unit	30%	0-2	$1,000	2044	* *	2	$100	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%	0-2	$4,900	2032	$98,800	1		
Broken, Extent : Severe, Area Affected : 10%								
Location : Water Main Valve								
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Shut Off Valve								
Water Heater With Tanks								
Electric	100%			2029	$23,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Janitors Closet								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%	0-2	$2,000	LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Backs Up								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	2-4	$200	2029	$200	4	$200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement								
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout Facility								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 331/LADDER CO. 173**		
Address	: **158-57 CROSS BAY BOULEVARD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.331 / 13213**	**Yr Built/Renovated**	: **1966 / 2003**
Area Sq Ft	: **8,732**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **25-Feb-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **14163** **Lot** : **101**	**BIN**	: **4295071**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$67,800	$75,100
Electrical		$53,100
Mechanical	$58,100	$318,500
Total	**$125,900**	**$446,700**
Importance Code A	$67,800	$75,100
Importance Code B	$58,100	$371,600
Total	**$125,900**	**$446,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$30,900	$9,200		
Interior Architecture	$84,900	$400	$600	
Electrical	$3,200	$700	$700	$600
Mechanical	$20,700	$34,300	$3,800	$3,700
Total	**$139,800**	**$44,700**	**$5,100**	**$4,300**
Importance Code A	$35,600	$9,600	$400	$400
Importance Code B	$42,200	$35,000	$4,700	$3,900
Importance Code C	$62,000			
Total	**$139,800**	**$44,700**	**$5,100**	**$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.
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FIRE DEPARTMENT - 057
ENGINE CO. 331/LADDER CO. 173
Asset # : 13213

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	5%			2053	* *	10	$300	
Masonry: Brick	85%	Now	$67,800	LIFE	* *	5	$16,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bunk Rooms And Stairs								
Metal Sect. OHD	10%	Now	$14,100	2038	* *	5	$3,000	
Deformed/Dented, Extent : Moderate, Area Affected : 15%								
Location : Base Of Overhead Door								
Windows								
Aluminum	95%	Now	$7,200	2041	* *	5	$800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Shower Room And 2nd Floor Offices								
Caulking Deteriorated, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Louvers	5%			2036	$4,400	10	$500	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$1,300	
Masonry: Brick	70%			LIFE	* *	5	$2,300	
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : 2nd Floor Bulkhead								
Metal Rail	25%			2038	* *	5-10	$15,100	
Roof								
Asphalt Shingle	10%			2042	* *	10	$200	
Roll Roofing	85%			2032	$75,100	5	$19,300	
Skylight, Metal/Glass	5%			2053	* *	10	$2,300	
Interior								
Floors								
Cast in Place Concrete	40%	0-2	$20,200	LIFE	* *	5	$10,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Rear Apparatus Floor								
Ceramic Tile	8%	Now	$2,700	2046	* *	5	$500	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Shower Into Mechanical Room								
Quarry Tile	5%			2038	* *	5	$900	
Terrazzo	4%			LIFE	* *	5	$400	
Vinyl Tile	43%			2041	* *	3	$1,900	

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FIRE DEPARTMENT - 057
ENGINE CO. 331/LADDER CO. 173
Asset # : 13213

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%			2042	* *	5	$900	
Concrete Masonry Unit	40%	Now	$34,600	LIFE	* *	5	$2,900	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Stairwell								
Plaster	20%	0-2	$26,900	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 35%								
Location : 2nd Floor								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor								
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2046	* *	5	$1,100	
Exposed Struc: Concrete	35%			LIFE	* *	5	$600	
Gypsum Board	10%			LIFE	* *	5	$1,400	
Plaster	45%			LIFE	* *	5	$3,200	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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%			2053	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	* *	5	$200	
Raceway								
Conduit	80%			2053	* *	1		
Conduit	20%			2033	$7,400	1		
Panelboards								
Molded Case Bkrs	20%			2032	$9,900	5		
Molded Case Bkrs	80%			2049	* *	5	$200	
Wiring								
Thermoplastic	80%			2053	* *	1		
Thermoplastic	20%			2033	$6,700	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5	$100	
Ground								

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FIRE DEPARTMENT - 057
ENGINE CO. 331/LADDER CO. 173
Asset # : 13213

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	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$2,700	
Generators								
Natural Gas	100%			2042	* *	1	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Emergency Generator Rated At 103 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$300	
Lighting								
Interior Lighting								
Fluorescent	70%			2033	$53,100	10	$5,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	30%			2038	* *			
Egress Lighting								
Emergency, Service	50%			2038	* *	1		
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
LED	30%			2038	* *			
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		
Conversion Equipment								
Hot Water Boiler	100%	0-2	$4,600	2046	* *	1	$3,900	
Not in Service, Extent : Moderate, Area Affected : 25%								
Location : No.3 Unit, 1st Floor Mechanical Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Mechanical Room								
Explanation : 4 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2041	* *	4	$400	
Terminal Devices								
Convector/Radiator	60%			2038	* *	1	$1,700	
Unit Heater - Steam	40%			2028	$19,800	4	$500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 331/LADDER CO. 173
Asset # : 13213

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	30%			2038	* *	1	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit. R-410a Refrigerant								
Window/Wall Unit	20%			2028	$6,600	1		
Window/Wall Unit	10%	0-2	$3,300	2033	$3,300	1		
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor								
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	30%			2041	* *	1	$900	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2038	* *	2	$1,800	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$2,000	
No Component	60%							
Exhaust Fans								
Interior	30%	Now	$1,200	2038	* *	2	$100	
Abandoned in Place, Extent : Severe, Area Affected : 5%								
Location : Kitchen Hood								
Roof	10%			2038	* *	2		
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2031	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : One 75 Gallons Unit								
Solar	10%	Now	$3,200	2031	$63,700	1		
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Roof								
Solar	40%			2031	$254,800	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 331/LADDER CO. 173
Asset # : 13213

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%	0-2	$5,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 30%								
Location : Water Backs Up To Apparatus Floor								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Bathtub To 1st Floor Mechanical Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 15 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 332/LADDER CO. 175 / RAC 2**		
Address	: **165 BRADFORD STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.332 / 13214**	**Yr Built/Renovated**	: **1984 / 2009**
Area Sq Ft	: **7,789**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **05-Nov-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3691** **Lot** : **1**	**BIN**	: **3083579**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$217,700	
Interior Architecture	$54,500	$162,400
Electrical	$50,900	
Mechanical		$247,400
Site Enclosure	$60,700	
Site Pavements	$182,500	$365,000
Total	**$566,400**	**$774,700**
Importance Code A	$217,700	
Importance Code B	$105,500	$409,700
Importance Code C	$243,200	$365,000
Total	**$566,400**	**$774,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$14,300	$1,700		$1,900
Interior Architecture	$51,500	$400		$400
Electrical	$3,100	$1,300	$600	$500
Mechanical	$55,800	$37,400	$4,300	$3,200
Total	**$124,600**	**$40,800**	**$4,900**	**$6,100**
Importance Code A	$14,600	$2,100	$400	$2,300
Importance Code B	$82,500	$38,700	$4,500	$3,800
Importance Code C	$27,500			
Total	**$124,600**	**$40,800**	**$4,900**	**$6,100**

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Estimates are rounded to the nearest hundred dollars.
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FIRE DEPARTMENT - 057
ENGINE CO. 332/LADDER CO. 175 / RAC 2
Asset # : 13214

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	5%			2053	* *	10	$200	
Concrete Masonry Unit	75%	Now	$98,200	LIFE	* *	5	$5,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Front Facade At Doors Impact Damage, Rear Facade								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Front Facade								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Front Facade								
Metal Sect. OHD	10%			2050	* *	5	$3,800	
Recent Replace Evident, Extent : N/A, Area Affected : 10%								
Location : Front Facade								
Metal Coiling Doors	10%	2-4	$13,000	2038	* *	5	$1,900	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Coiling Door Housing At Rear Of Building								
Windows								
Aluminum	100%	Now	$1,200	2032	$24,300	5	$300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 2%								
Location : Front Office								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Weight Room								
Parapets								
Metal Panel	40%			2043	* *	5	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Roof								
Explanation : Metal Coping								
Metal Rail	60%			2046	* *	5-10	$24,000	
Roof								
Modified Bitumen	100%	Now	$119,500	2043	* *			
Alligatoring, Extent : Severe, Area Affected : 10%								
Location : At Seams								
Debris Present, Extent : Moderate, Area Affected : 15%								
Location : 2 Story Roof								
Patching Evident, Extent : Severe, Area Affected : 5%								
Location : Main Roof								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Low Roof								
Soffits								
Alum/Vinyl Siding	100%			2053	* *	10		
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 332/LADDER CO. 175 / RAC 2
Asset # : 13214

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	55%	Now	$54,500	LIFE	* *	5	$14,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Ceramic Tile	10%			2036	$65,700	5	$1,200	
Quarry Tile	5%			2038	* *	5	$900	
Vinyl Tile	30%	Now	$9,700	2033	$96,600	3	$1,300	
Worn/Erode, Extent : Light, Area Affected : 20%								
Location : Throughout 2nd Floor And 1st Floor								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2036	$17,900	5	$300	
Concrete Masonry Unit	45%	Now	$27,500	LIFE	* *	5	$1,200	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Dormitory - Under Windows								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor - Locker Room And Office								
Gypsum Board	5%			LIFE	* *	5	$200	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	50%	2-4	$1,900	2038	* *	5	$2,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor								
Staining/Discoloring, Extent : Moderate, Area Affected : 50%								
Location : Kitchen And Office								
Exposed Struc: Steel	20%	Now	$11,200	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : Missing Fireproofing								
Gypsum Board	30%	Now	$1,200	LIFE	* *	5	$4,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Television Room At Window								
Site Enclosure								
Fence/Gates								
Chain Link	90%	Now	$60,700	2043	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Leaning Fence At Parking Area								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Parking Lot Area								
Explanation : Damaged Chainlink Gates								
Iron Picket	10%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 332/LADDER CO. 175 / RAC 2
Asset # : 13214

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	95%	Now	$182,500	2036	$365,000			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Parking Lot Area								
Cast in Place Concrete	5%			2046	* *			

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 : One 400 Ampere Main Disconnect Switch								
Raceway								
Conduit	80%			2043	* *	1		
Conduit	20%			2053	* *	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,500	5		
Molded Case Bkrs	80%			2032	$39,700	5	$200	
Molded Case Bkrs	15%			2049	* *	5		
Wiring								
Thermoplastic	80%			2033	$26,600	1		
Thermoplastic	20%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$2,400	
Generators								
Diesel	50%			2042	* *	1	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : 150 Kilowatts								
Diesel	50%	Now	$50,900	2048	* *	1	$1,400	
Abandoned In Place, Extent : Severe, Area Affected : 100%								
Location : Basement								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$300	

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FIRE DEPARTMENT - 057
ENGINE CO. 332/LADDER CO. 175 / RAC 2
Asset # : 13214

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								
Main Tank	100%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Backyard								
Explanation : 500 Gallon Tank								
Lighting								
Interior Lighting								
Fluorescent	10%			2038	* *	10	$700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	90%			2038	* *			
Egress Lighting								
Emergency, Service	60%			2038	* *	1		
Exit, Service	40%			2038	* *	1		
Exterior Lighting								
LED	20%			2038	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Furnace	10%			2038	* *	1	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Gasoline Fire Unit Heaters Serve Air Bottle Fill Area								
Hot Water Boiler	90%			2046	* *	1	$3,500	
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$1,700	2041	* *	4	$400	
Broken, Extent : Moderate, Area Affected : 10%								
Location : Basement. One Circulating Pump Broken Bearing								
Terminal Devices								
Fan Coil Unit/Heat	100%	Now	$38,600	2033	$193,100	1	$2,300	
Broken, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 332/LADDER CO. 175 / RAC 2
Asset # : 13214

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								
Exterior Pkg Unit - Cooling	20%			2038	* *	2	$100	
Window/Wall Unit	40%			2031	$11,800	1		
Window/Wall Unit	20%	Now	$5,900	2033	$5,900	1		
Broken, Extent : Severe, Area Affected : 100%								
Location : Throughout								
No Component	20%							
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$2,000	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Includes Make Up Air								
Exhaust Fans								
Interior	50%	0-2	$1,700	2033	$17,300	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Exhaust Is Not Working								
Roof	50%			2038	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Booster Pumps								
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	0-2	$4,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Room Blockage, Clogged Drain								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
No Component	95%							
Generic	5%			2033	$200	1		
Fixtures								
Generic	100%							
Fire Suppression								

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FIRE DEPARTMENT - 057
ENGINE CO. 332/LADDER CO. 175 / RAC 2
Asset # : 13214

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	90%							
Generic	10%			2043	* *	1-2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st And 2nd Floor								
Explanation : Serves Stair And Corridor Only								
Chemical System								
Wet	100%			2031	$54,300	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Kitchen Covers 35 Square Feet								
Explanation : Kitchen Fire Suppression								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 34/ LADDER CO. 21**		
Address	: **440 WEST 38th STREET BTWN: 9TH AVE. - 10TH AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.034 / 13022**	**Yr Built/Renovated**	: **1937 / 1998**
Area Sq Ft	: **9,000**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **27-Nov-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **735** **Lot** : **61**	**BIN**	: **1012982**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$126,900
Mechanical		$195,700
Total		**$322,600**
Importance Code A		$126,900
Importance Code B		$195,700
Total		**$322,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$110,900		$7,800	
Interior Architecture	$97,800			$500
Electrical	$1,100	$800	$1,000	$900
Mechanical	$7,600	$1,200	$10,100	$1,200
Site Pavements	$500			
Total	**$217,900**	**$2,000**	**$18,900**	**$2,500**
Importance Code A	$111,800	$900	$8,700	$900
Importance Code B	$51,500	$1,100	$10,200	$1,700
Importance Code C	$54,600			
Total	**$217,900**	**$2,000**	**$18,900**	**$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. 34/ LADDER CO. 21
Asset # : 13022

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	20%			LIFE	* *	5	$49,900	
Masonry: Brick	45%	0-2	$18,500	LIFE	* *	5	$11,200	
Expansion Joint Failure, Extent : Moderate, Area Affected : 5%								
Location : West Property Line								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Masonry: Limestone	10%	Now	$19,600	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Facade Trim								
Metal Sect. OHD	20%			2049	* *	5	$15,600	
Granite Panels	5%			LIFE	* *	5	$1,900	
Windows								
Aluminum	100%	Now	$6,900	2052	* *	5	$700	
Hardware Missing, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$13,200	
Masonry: Limestone	20%			LIFE	* *	5-10	$5,900	
Roof								
Modified Bitumen	95%	Now	$6,300	2036	$126,900			
Drains Clogged, Extent : Light, Area Affected : 25%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Skylight, Metal/Glass	5%	Now	$17,200	2066	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Over Hose Tower								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Over Hose Tower								
Explanation : Skylight								
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 34/ LADDER CO. 21
Asset # : 13022

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	$22,800	
Ceramic Tile	20%	Now	$2,900	2045	* *	5	$1,300	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : First Floor Bathroom								
Quarry Tile	5%	4+	$1,000	2041	* *	5	$500	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 0%								
Location : 2nd Floor								
Vinyl Tile	30%	Now	$5,400	2041	* *	3	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : Cellar								
Interior Walls								
Cast in Place Concrete	10%	Now	$5,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Gymnasium And West Side Of Basement								
Ceramic Tile	5%	Now	$23,900	2051	* *	5	$400	
Loose Units, Extent : Severe, Area Affected : 100%								
Location : First Floor Bathroom								
Concrete Masonry Unit	10%			LIFE	* *	5	$1,200	
Gypsum Board	20%			LIFE	* *	5-10	$4,900	
Plaster	30%	Now	$5,300	LIFE	* *	5	$1,300	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Offices 2nd Floor								
SGFT/Glazed Masonry	25%	Now	$16,200	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Room								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Room								

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FIRE DEPARTMENT - 057
ENGINE CO. 34/ LADDER CO. 21
Asset # : 13022

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%			2041	* *	5	$300	
Staining/Discoloring, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor Street Front, Kitchen								
Exposed Struc: Concrete	35%	Now	$15,900	LIFE	* *	5	$300	
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor Ceiling								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor Ceiling								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement Ceiling								
Explanation : Loose And Falling Fireproofing								
Exposed Struc: Steel	20%			LIFE	* *	10	$2,400	
Plaster	40%	Now	$3,700	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 2nd Floor And Stairs								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 2nd Floor								
Staining/Discoloring, Extent : Severe, Area Affected : 10%								
Location : Throughout 2nd Floor								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2049	* *			
Activity Yard								
Cast in Place Concrete	100%	4+	$500	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
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%			2062	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2056	* *	5		
Raceway								
Conduit	100%			2056	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 34/ LADDER CO. 21
Asset # : 13022

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								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	75%			2052	* *	5	$200	
Molded Case Bkrs	20%			2035	$9,900	5		
Wiring								
Thermoplastic	75%			2056	* *	1		
Thermoplastic	25%			2036	$8,300	1		
Motor Controllers								
Locally Mounted	100%			2049	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main Pipe Grounded								
Lighting								
Interior Lighting								
LED	100%			2044	* *			
Egress Lighting								
Emergency, Battery	50%			2044	* *	10	$1,100	
Exit, Battery	50%			2036	$6,400	10	$300	
Exterior Lighting								
LED	20%			2044	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$3,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : CCTV System								
Fire/Smoke Detection								
Generic, Analog	100%			2044	* *	1-3	$5,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Fire Alarm Control Panel And Smoke, Heat Detectors, Strobs And Pull Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Steam Boiler	100%			2049	* *	1	$8,900	

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FIRE DEPARTMENT - 057
ENGINE CO. 34/ LADDER CO. 21
Asset # : 13022

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%			2036	$72,100			
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Steam Supply And Condensate Return Piping Are Beyond Their Useful Life Rating								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Gravity Condensate Return Piping Observed								
Terminal Devices								
Convector/Radiator	100%			2034	$73,600	1	$2,900	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout, Terminal Heating Equipment Are Beyond Their Useful Life Rating								
Controls								
Electrical	100%			2034	$50,000			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Split Unit	10%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Television Room								
Explanation : 1 Unit								
Window/Wall Unit	25%			2029	$8,500	1		
Window/Wall Unit	25%	Now	$5,100	2036	$8,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Various Spaces On The Second Floor, Multiple Mechanical, Electrical Defects								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$800	
No Component	90%							
Exhaust Fans								
Interior	10%			2036	$4,000	2		
Roof	5%	Now	$900	2046	* *	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Roof	45%			2031	$7,900	2	$100	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : Two 75 Gallon Tanks								

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FIRE DEPARTMENT - 057
ENGINE CO. 34/ LADDER CO. 21
Asset # : 13022

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	25%			LIFE	* *	1		
Cast Iron	75%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 75%								
Location : Throughout, The Sanitary Piping Is Beyond Useful Life Cycle Rating								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout, The Storm Piping Is Beyond Useful Life Cycle Rating								
Sump Pump(s)								
Submersible	100%			2029	$300	4	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : The Pumps Lack Sufficient Capacity To Keep Up Whenever There Is A Storm Event.								
Backflow Preventer								
No Component	95%							
Generic	5%			2036	$200	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : Serves Boiler Water Makeup Feed Only								
Fixtures								
Generic	100%							

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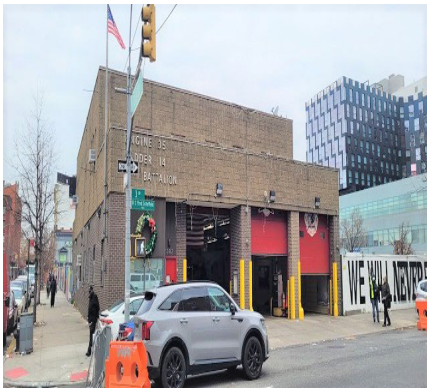
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 35/ LADDER CO. 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	: **04-Jan-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1773** **Lot** : **33**	**BIN**	: **1054465**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$143,800	
Interior Architecture		$165,600
Electrical	$66,300	$130,000
Mechanical	$58,100	$115,800
Total	**$268,200**	**$411,400**
Importance Code A	$143,800	$180,800
Importance Code B	$124,400	$230,600
Total	**$268,200**	**$411,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$33,300			$4,100
Interior Architecture	$47,300	$1,100		$1,700
Electrical	$800	$600	$800	$54,800
Mechanical	$14,000	$4,800	$3,800	$26,700
Total	**$95,400**	**$6,600**	**$4,600**	**$87,200**
Importance Code A	$33,800	$500	$500	$4,700
Importance Code B	$58,700	$6,100	$4,000	$82,500
Importance Code C	$2,800			
Total	**$95,400**	**$6,600**	**$4,600**	**$87,200**



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FIRE DEPARTMENT - 057

ENGINE CO. 35/ LADDER CO. 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	45%			LIFE	* *	5	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Split Faced Finish								
Masonry: Brick Cavity	30%	0-2	$10,900	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Building Corners								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Rear Facades								
Metal Panel	1%			2045	* *	5-10	$1,400	
Metal Sect. OHD	10%			2052	* *	5	$6,500	
Stucco Cement	14%			2040	* *	5	$7,300	
Windows								
Aluminum	100%	Now	$56,400	2060	* *	5	$600	1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 70%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Second Floor								
Caulking Deteriorated, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Parapets								
Concrete Masonry Unit	45%	Now	$9,500	LIFE	* *	5	$1,400	1
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Outer Parapet Wall								
Horizontal Cracks, Extent : Severe, Area Affected : 25%								
Location : Underside Of Coping								
Vertical Cracks, Extent : Severe, Area Affected : 15%								
Location : Corners On Outer Parapet Wall								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Interior Parapet								
Explanation : Roofing Membrane Installed On Parapet								
Masonry: Brick	40%			LIFE	* *	5	$1,100	
Pre-cast Concrete	10%			LIFE	* *	5	$1,700	
Stucco Cement	5%	2-4	$800	2048	* *	5	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout Parapet								

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FIRE DEPARTMENT - 057

ENGINE CO. 35/ LADDER CO. 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								
Roof								
Modified Bitumen	20%			2043	* *	10	$3,400	
Roll Roofing	80%	Now	$8,700	2028	$87,400	5	$11,200	
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Roofs								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Around Drains								
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : Roofs								
Soffits								
Stucco Cement	100%			2048	* *	5		
Interior								
Floors								
Carpet	10%			2034	$26,400	3	$2,200	
Cast in Place Concrete	20%	Now	$25,400	LIFE	* *	5	$6,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Apparatus Room								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Cast in Place Concrete	20%			LIFE	* *	5	$6,500	
Ceramic Tile	5%			2031	$42,000	5	$700	
Ceramic Tile	5%			2038	* *	5	$700	
Quarry Tile	10%			2040	* *	5	$2,200	
Vinyl Tile	30%	Now	$2,500	2035	$123,500	3	$1,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Worn/Erode, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%	Now	$2,800	2038	* *	5	$500	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 20%								
Location : First And Second Floor Bathrooms								
Concrete Masonry Unit	30%			LIFE	* *	5	$2,500	
Gypsum Board	25%			LIFE	* *	5	$3,100	
SGFT/Glazed Masonry	30%			LIFE	* *			
Wood	10%			LIFE	* *	5	$8,200	

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FIRE DEPARTMENT - 057
ENGINE CO. 35/ LADDER CO. 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
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%	0-2	$700	2040	* *	5	$1,100	
Worn/Erode, Extent : Severe, Area Affected : 5%								
Location : 1st Floor Office								
Exposed Struc: Concrete	15%			LIFE	* *	5	$300	
Plaster	70%	Now	$15,900	LIFE	* *	5	$6,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Room								
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughtout Second Floor								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			

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%			2035	$65,000	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 300 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$300	
Raceway								
Conduit	95%			2035	$35,000	1		
Conduit	5%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	95%			2034	$47,100	5	$300	
Wiring								
Thermoplastic	90%			2035	$30,000	1		
Thermoplastic	10%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 CO. 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	70%			2030	$66,300	10	$7,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	30%			2043	* *			
Egress Lighting								
Emergency, Battery	50%			2030	$9,100	10	$1,300	
Exit, Battery	50%			2030	$7,700	10	$400	
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2030	$28,100	1-3	$6,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobes, Smoke Detector, Bell, Horn, Fire Alarm Panel And Pull Box Station								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2033	$115,800	1	$5,400	
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$1,200	2043	* *	4	$500	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement. Leaking Hot Water Piping								
Terminal Devices								
Convector/Radiator	75%			2040	* *	1	$2,600	
Unit Heater - Steam	25%			2030	$15,500	4	$300	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 CO. 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								
Exterior Pkg Unit - Cooling	10%	2-4	$6,000	2035	$12,000	2	$100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Roof								
Split Unit	10%			2040	* *			
Window/Wall Unit	40%			2033	$16,500	1		
Window/Wall Unit	15%			2033	$6,200	1		
No Component	25%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2040	* *	2	$7,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Condenser For The Split Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$3,000	
No Component	50%							
Exhaust Fans								
Interior	10%	0-2	$500	2035	$4,800	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement. Defective Blower Motor And Broken Belt								
Interior	40%	0-2	$1,900	2040	* *	2	$100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : First Floor								
Explanation : There Is No Air Ventilation In The Apparatus Room Operational Floor Installation Of An Exhaust Fan Needed.								
Roof	20%	0-2	$400	2040	* *	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Roof. Defective Bathroom Exhaust Fan								
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon 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. 35/ LADDER CO. 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
Plumbing								
Sanitary Piping								
Cast Iron	90%			LIFE	* *	1		
Cast Iron	10%	0-2	$700	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : Occasional Sewer Back Up At Apparatus Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$2,200	4	$200	
Fixtures								
Generic	95%							
Generic	5%							
Leaking Connections, Extent : Moderate, Area Affected : 100%								
Location : Second Floor And Laundry Room Leaking Faucets								
Fire Suppression								
Sprinkler								
No Component	95%							
Generic	5%			2035	$7,500	1-2	$200	
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression 4 Feet X 5 Feet Which Equals 20 Square Feet On Kitchen Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 37**		
Address	: **415 WEST 125TH STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.037 / 13025**	**Yr Built/Renovated**	: **1974 / 2002**
Area Sq Ft	: **11,778**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **05-Oct-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1966** **Lot** : **61**	**BIN**	: **1059547**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$89,700	$80,400
Interior Architecture		$146,700
Mechanical	$123,600	$182,900
Total	**$213,300**	**$410,000**
Importance Code A	$89,700	$205,500
Importance Code B	$123,600	$204,500
Total	**$213,300**	**$410,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$51,300			$4,300
Interior Architecture	$86,300	$1,000		$1,200
Electrical	$22,100	$500	$400	$7,800
Mechanical	$62,000	$7,300	$4,700	$31,300
Total	**$221,700**	**$8,800**	**$5,100**	**$44,700**
Importance Code A	$63,800	$600	$600	$4,900
Importance Code B	$117,300	$7,200	$4,600	$39,800
Importance Code C	$40,700	$1,000		
Total	**$221,700**	**$8,800**	**$5,100**	**$44,700**

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. 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%	Now	$89,700	LIFE	* *	5	$80,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : East Facade								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Entrance Door. Center Bay								
Staining/Discoloring, Extent : Severe, Area Affected : 20%								
Location : East Facade								
Windows								
Aluminum	100%	Now	$2,700	2051	* *	5	$600	
Unit Inoperable, Extent : Severe, Area Affected : 2%								
Location : 2nd Floor Rear Of Building								
Other Observation, Extent : Light, Area Affected : 40%								
Location : Street Level								
Explanation : Protective Metal Grilles								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$26,300	LIFE	* *	5	$2,800	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 20%								
Location : Coping								
Open Joints, Extent : Severe, Area Affected : 5%								
Location : Coping Stones								
Concrete Masonry Unit	80%			LIFE	* *	5	$3,300	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Parapet Wall								
Explanation : Open Joints								
Stucco Cement	10%	Now	$22,300	2055	* *	5	$500	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Inside Face Of Parapet Wall								
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Inside Face Of Parapet Wall								
Roof								
Modified Bitumen	100%			2043	* *	10	$16,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Main 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
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
Interior								
Floors								
Cast in Place Concrete	50%	Now	$32,300	LIFE	* *	5	$16,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Apparatus Floor								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : Apparatus Room								
Ceramic Tile	10%	Now	$1,700	2038	* *	5	$800	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : 2nd Floor Toilet Room								
Quarry Tile	5%			2040	* *	5	$1,100	
Vinyl Tile	35%	Now	$2,900	2035	$146,700	3	$2,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Gymnasium Area								
Interior Walls								
Cast in Place Concrete	10%	Now	$3,200	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 40%								
Location : Basement								
Ceramic Tile	10%			2038	* *	5	$2,100	
Concrete Masonry Unit	40%			LIFE	* *	5	$3,300	
SGFT/Glazed Masonry	40%	0-2	$37,500	LIFE	* *			
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Base Of Wall. Stairs And Hallways								
Ceilings								
AcousTileSusp.Lay-In	10%	4+	$5,000	2040	* *	5	$800	
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Kitchen								
Exposed Struc: Concrete	20%			LIFE	* *	5	$500	
Gypsum Board	70%	4+	$3,700	LIFE	* *	5	$13,300	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor								
Explanation : Peeling Paint								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2055	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			

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

FIRE DEPARTMENT - 057
ENGINE CO. 37
Asset # : 13025

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%			2055	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$300	
Raceway								
Conduit	100%			2055	* *	1		
Panelboards								
Fused Disc Sw	10%			2051	* *	5		
Molded Case Bkrs	90%			2051	* *	5	$300	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	50%			2040	* *	10	$5,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	50%			2043	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$1,400	
Exit, Battery	50%			2040	* *	10	$400	
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%	0-2	$22,100	2045	* *	1	$4,000	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Outside								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : CCTV Surveillance 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								
Natural Gas	100%			2045	* *	1		

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

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
Heating								
Conversion Equipment								
Hot Water Boiler	100%	0-2	$12,500	2033	$125,200	1	$5,200	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Defective Temperature Control With Thermostat								
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	$900	
Terminal Devices								
Convector/Radiator	60%			2033	$57,800	1	$2,300	
Unit Heater - Steam	40%			2030	$26,800	4	$400	
Controls								
Electrical	100%	0-2	$32,700	2030	$65,500			
Broken, Extent : Moderate, Area Affected : 100%								
Location : Throughout. Defective Thermostat								
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2035	$12,900	2	$100	
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Lower Roof								
Window/Wall Unit	20%			2033	$8,900	1		
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	60%			2035	$6,100	2	$4,900	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$2,600	
No Component	60%							
Exhaust Fans								
Interior	20%			2035	$10,400	2	$100	
Roof	20%	0-2	$900	2040	* *	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Bathroom Defective Exhaust Fan								
Wall Unit	20%			2030	$1,000	2	$100	
Wall Unit	10%			2035	$500	2		
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$3,000	2045	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Room. Leaking Domestic Water Piping								

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

FIRE DEPARTMENT - 057
ENGINE CO. 37
Asset # : 13025

Mechanical	Current 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 With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	0-2	$7,400	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking 2nd Floor Male And Female Bathroom								
Storm Drain Piping								
Cast Iron	30%	0-2	$1,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Alley Way. Sewer Backup, Clogged Blocked Drain								
Cast Iron	70%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	$2,400	4	$400	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression System 8 Feet X 5 Feet Which Equals 40 Square Feet								

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

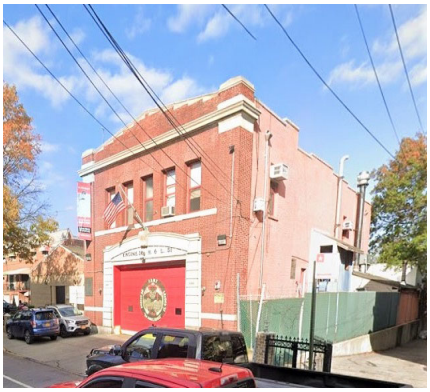
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 38/ LADDER CO. 51**		
Address	: **3446 EASTCHESTER ROAD**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.038 / 13026**	**Yr Built/Renovated**	: **1928 / 1998**
Area Sq Ft	: **5,876**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **12-Apr-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **4723** **Lot** : **45**	**BIN**	: **2060238**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$391,200	
Interior Architecture		$72,900
Electrical		$65,000
Mechanical		$58,100
Total	**$391,200**	**$196,000**
Importance Code A	$391,200	
Importance Code B		$196,000
Total	**$391,200**	**$196,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$25,500			$1,400
Interior Architecture	$22,000	$200	$800	$1,400
Electrical	$200	$200	$300	$1,700
Mechanical	$9,600	$3,300	$3,500	$3,300
Site Pavements	$5,500			
Total	**$62,900**	**$3,800**	**$4,600**	**$7,800**
Importance Code A	$26,100	$600	$600	$2,000
Importance Code B	$22,000	$3,200	$3,700	$5,800
Importance Code C	$14,800		$300	
Total	**$62,900**	**$3,800**	**$4,600**	**$7,800**



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. 38/ LADDER CO. 51
Asset # : 13026

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	5%			2055	* *	10	$400	
Masonry: Brick	70%	4+	$261,200	LIFE	* *	5	$15,900	
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : South, North And East Facades								
Painted Surfaces, Extent : Moderate, Area Affected : 75%								
Location : South, North And East Facades								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : South And North Facades								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement Foundation Walls								
Masonry: Granite	5%	Now	$1,800	LIFE	* *	5	$900	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Front Facade At Apparatus Entry								
Masonry: Limestone	5%	Now	$17,800	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : West Facade								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : West Facade								
Stucco Cement	5%			2040	* *	5	$2,800	
Wood Overhead Doors	10%	Now	$65,000	2055	* *	5	$5,700	
Dry Rot/Decay, Extent : Severe, Area Affected : 5%								
Location : Base Of Door								
Unit Inoperable, Extent : Moderate, Area Affected : 2%								
Location : Front Facade								
Worn/Erode, Extent : Severe, Area Affected : 50%								
Location : Front Facade								
Windows								
Aluminum	100%	Now	$1,700	2051	* *	5	$900	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Bunk Room								
Parapets								
Masonry: Brick	90%	2-4	$64,900	LIFE	* *	5	$1,700	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Roof								
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Parapet Wall								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Roof								
Masonry: Limestone	5%	2-4	$2,400	LIFE	* *	5	$100	
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Front Of Building								
Pre-cast Concrete	5%			LIFE	* *	5	$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. 38/ LADDER CO. 51
Asset # : 13026

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								
Asphalt Shingle	10%			2044	* *	10	$200	
Modified Bitumen	87%	2-4	$1,800	2040	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 2%								
Location : Roof								
Skylight, Metal/Glass	3%			2045	* *	10	$900	
Interior								
Floors								
Cast in Place Concrete	48%	4+	$7,200	LIFE	* *	5	$9,200	
Spalling, Extent : Moderate, Area Affected : 50%								
Location : 1st Floor Skim Coating Apparatus Bay								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement								
Ceramic Tile	3%			2044	* *	5	$300	
Quarry Tile	2%			2040	* *	5	$300	
Terrazzo	2%			LIFE	* *	5	$100	
Vinyl Tile	30%			2035	$72,900	3	$1,000	
Wood	15%			2050	* *	5	$2,500	
Interior Walls								
Ceramic Tile	5%			2044	* *	5	$700	
Masonry: Brick	10%			LIFE	* *			
Plaster	45%	Now	$14,800	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Main Stair From Basement To 2nd Floor								
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2048	* *	5	$500	
Exposed Struc: Concrete	25%			LIFE	* *	5	$400	
Exposed Struc: Steel	10%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$3,700	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2045	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$5,500	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Apron Ramp To Apparatus Bay								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Sidewalk Bilco Doors								
Explanation : Water Penetration								
On-Site Walkways								
Cast in Place Concrete	100%			2040	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 38/ LADDER CO. 51
Asset # : 13026

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%			2035	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$200	
Raceway								
Conduit	100%			2035	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	95%			2034	$47,100	5	$100	
Wiring								
Braided Cloth	20%			2034	$6,700	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Insulation Aged								
Thermoplastic	80%			2035	$26,600	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Battery	100%			2040	* *	10	$1,400	
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2055	* *	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. 38/ LADDER CO. 51
Asset # : 13026

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%			2040	* *	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor Lounge Area								
Explanation : 1 Natural Gasoline Fired Space Heater								
Steam Boiler	90%			2048	* *	1	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Natural Gasoline Fired Steam Boiler								
Distribution								
Steam Piping/Pump	100%			2045	* *			
Terminal Devices								
Convector/Radiator	100%	0-2	$2,400	2040	* *	1	$1,700	
Broken, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Apparatus Room. One Broken And Disconneted Radiator								
Controls								
Electrical	100%			2033	$32,700			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 1 Zone								
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Split Unit	25%			2040	* *			
Window/Wall Unit	50%			2033	$11,100	1		
No Component	25%							
Terminal Devices								
Fan Coil - 2 Pipe	25%			2040	* *	1	$500	
No Component	75%							
Ventilation								
Exhaust Fans								
Roof	20%			2040	* *	2		
Wall Unit	20%			2035	$500	2		
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 38/ LADDER CO. 51
Asset # : 13026

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%	0-2	$3,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor. One Clogged Urinal								
Leak Evident, Extent : Moderate, Area Affected : 35%								
Location : 2nd Floor Shower Leaking.								
Storm Drain Piping								
Cast Iron	80%			LIFE	* *	1		
Cast Iron	20%	2-4	$400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Side Of Building And Basement. Clogged Drain Resulting In Water Backup To Basement								
Sump Pump(s)								
Submersible	100%			2029	$200	4	$100	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2033	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression System 5 Feet X 10 Feet Which Equals 50 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **01-Sep-2022**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Floors 1,2,3**		
Block	: **1402** **Lot** : **29**	**BIN**	: **1072190**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$146,700
Electrical		$79,000
Mechanical	$142,900	$58,000
Total	**$142,900**	**$283,800**
Importance Code B	$142,900	$283,800
Total	**$142,900**	**$283,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$6,100			
Interior Architecture	$47,700	$1,600	$700	$2,800
Electrical		$200	$9,600	
Mechanical	$10,900	$500	$7,100	$500
Total	**$64,800**	**$2,200**	**$17,400**	**$3,300**
Importance Code A	$6,100			
Importance Code B	$50,200	$1,100	$17,400	$3,300
Importance Code C	$8,500	$1,100		
Total	**$64,800**	**$2,200**	**$17,400**	**$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. 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	55%			LIFE	* *	5	$9,200	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Masonry: Brownstone	25%			LIFE	* *	5	$3,100	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Front Facade								
Masonry: Granite	5%			LIFE	* *	5	$600	
Metal Sect. OHD	10%			2047	* *	5	$5,200	
Wood Overhead Doors	5%			2047	* *	5	$4,200	
Windows								
Aluminum	50%			2042	* *	5	$300	
Wood	50%			2042	* *	5	$2,600	
Roof								
Under Construction	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Lower Roof								
Explanation : Access Through Police Precinct Next Door								
Soffits								
Exposed Struc: Steel	50%			LIFE	* *	5		
Masonry: Brownstone	50%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	$19,100	
Ceramic Tile	5%			2043	* *	5	$1,000	
Panel/Paver: Cer/Brk	10%			2050	* *	5	$4,400	
Quarry Tile	5%			2039	* *	5	$1,500	
Terrazzo	10%			LIFE	* *	5	$1,500	
Vinyl Tile	25%	Now	$2,900	2034	$146,700	3	$1,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 2nd Floor Laundry Room								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Various Locations								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	10%			2043	* *	5	$2,200	
Concrete Masonry Unit	15%	4+	$6,800	LIFE	* *	5	$1,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Basement Corridor								
Glass: Single Pane	5%			LIFE	* *	5	$800	
Gypsum Board	5%	Now	$1,700	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Lounge And Gymnasium								
SGFT/Glazed Masonry	55%			LIFE	* *			

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

FIRE DEPARTMENT - 057

ENGINE CO. 39/ LADDER CO. 16 (COMBINED FACILITY)

Asset # : 13027

Architecture	Current Repair			Future Replacement		Maintenance		
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%			2047	* *	5	$6,800	
Exposed Struc: Concrete	50%	4+	$31,800	LIFE	* *	5	$1,500	
Paint Peeling, Extent : Moderate, Area Affected : 2%								
Location : Apparatus Area								
Spalling, Extent : Light, Area Affected : 2%								
Location : Apparatus Area								
Gypsum Board	15%	Now	$1,100	LIFE	* *	5	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Lounge And Gymnasium								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Lounge And Gymnasium								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2039	* *			
Parking/Driveway								
Cast in Place Concrete	100%			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								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : In Police Precinct								
Explanation : Main Service								
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2033	$54,400	5	$300	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	20%			2034	$24,700	10	$2,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	80%			2039	* *	10	$9,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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

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%			2034	$11,900	10	$1,600	
Exit, Battery	50%			2034	$10,100	10	$400	
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Not Accessible	100%							
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								
Terminal Devices								
Convector/Radiator	50%			2032	$58,000	1	$2,100	
Fan Coil Unit/Heat	50%			2039	* *	1	$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	0-2	$2,200	2032	$10,800	1		
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Window Unit At Garage Floor Is Not Working								
On Extended Life, Extent : Light, Area Affected : 20%								
Location : Various Locations Throughout								
Not Accessible	80%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Located In Adjacent Building								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$16,900	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : Various Locations 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

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
Air Conditioning								
Terminal Devices								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Located In Adjacent Building								
Heat Rejection								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Located In Adjacent Building								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,200	
Exhaust Fans								
Roof	100%	Now	$8,300	2034	$27,500	2	$300	
Broken, Extent : Severe, Area Affected : 30%								
Location : Serves Locker Room								
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$91,100	2044	* *	1		
Booster Pump w/Tank, Extent : Moderate, Area Affected : 100%								
Location : Basement. Leaking Booster Pump								
Water Heater With Tanks								
Electric	100%			2027	$51,800	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor								
Explanation : One 120 Gallon Unit Used As Backup								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2029	$1,300	1-10	$600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Kitchen Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **30-Dec-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1,2,3**		
Block	: **35** **Lot** : **1**	**BIN**	: **1000867**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$110,100	$91,700
Electrical	$101,800	
Mechanical	$62,300	$522,200
Total	**$274,200**	**$613,900**
Importance Code B	$274,200	$613,900
Total	**$274,200**	**$613,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$1,000		$10,800	
Interior Architecture	$89,700	$3,000	$900	$900
Electrical	$4,000	$1,100	$1,200	$1,100
Mechanical	$14,600	$1,400	$32,000	$1,800
Total	**$109,400**	**$5,500**	**$44,900**	**$3,800**
Importance Code A	$1,800	$800	$11,600	$800
Importance Code B	$81,700	$2,900	$33,300	$3,000
Importance Code C	$25,900	$1,800		
Total	**$109,400**	**$5,500**	**$44,900**	**$3,800**

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

FIRE DEPARTMENT - 057

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	50%			LIFE	* *	5	$21,600	
Metal Panel	10%			2054	* *	5-10	$39,600	
Metal Sect. OHD	40%			2051	* *	5	$71,900	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Fire Engine Doors								
Windows								
Aluminum	55%			2042	* *	5	$400	
Metal Louvers	45%	Now	$800	2043	* *			
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor								
Soffits								
Metal Panel	65%			2054	* *	5-10		
Granite Panels	35%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	55%	2-4	$110,100	LIFE	* *	5	$28,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Apparatus Floor								
Ceramic Tile	10%			2043	* *	5	$2,400	
Quarry Tile	5%			2039	* *	5	$1,800	
Worn/Erode, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Vinyl Tile	30%	Now	$39,000	2039	* *	3	$2,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Locker Room And Corridors, 2nd Floor								
Worn/Erode, Extent : Severe, Area Affected : 25%								
Location : Locker Room And Corridors, 2nd Floor								
Interior Walls								
Ceramic Tile	10%			2043	* *	5	$3,600	
Gypsum Board	45%			LIFE	* *	5	$9,700	
SGFT/Glazed Masonry	40%	Now	$25,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Back Wall Of Apparatus Area								
Wood	5%			LIFE	* *	5	$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. 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	40%	0-2	$15,600	2039	* *	5	$4,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Kitchen								
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Kitchen, Corridors And Offices								
Exposed Struc: Steel	15%			LIFE	* *			
Fiber Board	25%	Now	$9,200	2034	$91,700			
Other Observation, Extent : Light, Area Affected : 20%								
Location : 3rd Floor Mechanical Spaces								
Explanation : Exposed Silver, Foil Insulation Delaminated And Punctured.								
Gypsum Board	20%			LIFE	* *	5	$5,900	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			

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	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : 800 Amperes 480 volts 3 Phase								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$100	
Raceway								
Conduit	80%			2034	$29,500	1		
Conduit	20%			2044	* *	1		
Panelboards								
Molded Case Bkrs	25%			2042	* *	5	$100	
Molded Case Bkrs	75%			2042	* *	5	$300	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Main Building Basement								
Explanation : Connected To Main Building Water Main								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$4,900	

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

FIRE DEPARTMENT - 057

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								
Generators								
Diesel	100%			2030	$101,800	1	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Third Floor Mechanical Room								
Explanation : 313 Kilovolt Ampere, 250 Kilowatt,								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$600	
Fuel Storage								
Day Tank	100%			2042	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Third Floor Mechanical Room								
Explanation : 75 Gallons								
Lighting								
Interior Lighting								
LED	100%			2042	* *			
Egress Lighting								
Emergency, Service	50%			2034	$4,900	1		
Exit, Service	50%			2034	$3,400	1		
Exterior Lighting								
HID	20%			2034	$14,700	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : Controlled Via Photocell								
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	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	$800	
Terminal Devices								
Convector/Radiator	40%			2039	* *	1	$2,000	
Fan Coil Unit/Heat	60%	Now	$4,700	2034	$234,300	1	$2,700	
Malfunctioning, Extent : Severe, Area Affected : 30%								
Location : Controls For 1st Floor Units								
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		

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

FIRE DEPARTMENT - 057

ENGINE CO. 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								
Conversion Equipment								
Interior Pkg Unit - Cooling	50%	0-2	$62,300	2032	$124,500	2	$400	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor. Units Are Not Reliable And Constantly Breaking Down								
Split Unit	25%			2034	$93,500			
Window/Wall Unit	25%	Now	$9,000	2034	$14,900	1		
Broken, Extent : Severe, Area Affected : 30%								
Location : 2nd Floor								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$20,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$8,800	
Exhaust Fans								
Interior	100%			2034	$69,900	2	$500	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Electric	100%			2029	$23,600	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
No Component	99%							
Generic	1%			2029	$600	1-10	$300	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression System Covers 50 Square Feet (10x5).								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 40/ LADDER CO. 35**		
Address	: **131 AMSTERDAM AVENUE @ W. 66 ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.040 / 13028**	**Yr Built/Renovated**	: **1961 /**
Area Sq Ft	: **7,060**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **07-Nov-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2,3**		
Block	: **1137** **Lot** : **7501**	**BIN**	: **1077844**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$121,300
Electrical		$65,000
Mechanical		$58,100
Total		**$244,500**
Importance Code B		$244,500
Total		**$244,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$6,400		$2,000	
Interior Architecture	$39,700	$400		$1,000
Electrical	$400	$300	$300	$300
Mechanical	$28,200	$4,100	$6,900	$3,900
Site Pavements	$900			
Total	**$75,600**	**$4,800**	**$9,200**	**$5,200**
Importance Code A	$6,400		$2,000	$200
Importance Code B	$58,900	$4,800	$7,200	$5,000
Importance Code C	$10,400			
Total	**$75,600**	**$4,800**	**$9,200**	**$5,200**

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

FIRE DEPARTMENT - 057
ENGINE CO. 40/ LADDER CO. 35
Asset # : 13028

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: Limestone	60%			LIFE	* *	5	$7,800	
Metal Sect. OHD	15%			2049	* *	5	$4,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Facade								
Explanation : Recently Painted.								
Granite Panels	25%			LIFE	* *	5	$3,200	
Windows								
Aluminum	100%	Now	$900	2052	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : All Throughout Facades								
Explanation : Difficult To Open And Close								
Interior								
Floors								
Cast in Place Concrete	45%	2-4	$11,200	LIFE	* *	5	$14,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement, Apparatus Floor, Apron								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	6%			2045	* *	5	$900	
Recent Repair Evident, Extent : N/A, Area Affected : 15%								
Location : Kitchen								
Panel/Paver: Cer/Brk	5%			2052	* *	5	$1,600	
Quarry Tile	4%			2053	* *	5	$900	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Sheet Vinyl/Rubber	10%			2041	* *	5	$2,200	
Vinyl Tile	30%	Now	$2,400	2036	$121,300	3	$1,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : Kitchen, Various 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. 40/ LADDER CO. 35
Asset # : 13028

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								
Cast in Place Concrete	10%			LIFE	* *	10	$1,500	
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : Cellar								
Ceramic Tile	50%	Now	$3,400	2039	* *	5	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Kitchen								
Explanation : Hole In Wall Behind Board, Pest Comes In.								
Concrete Masonry Unit	10%	Now	$2,900	LIFE	* *	5	$200	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 15%								
Location : Basement								
Explanation : Ground Water Leaks Causes Flooding								
Gypsum Board	20%			LIFE	* *	5-10	$2,100	
Plaster	10%			LIFE	* *	5-10	$500	
Ceilings								
AcousTileSusp.Lay-In	40%	2-4	$1,900	2049	* *	5	$2,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : Third Floor Gymnasium, Kitchen								
Exposed Struc: Concrete	30%			LIFE	* *	5-10	$5,500	
Exposed Struc: Steel	20%			LIFE	* *	10	$5,900	
Gypsum Board	10%			LIFE	* *	5-10	$5,000	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Cast in Place Concrete	100%	4+	$900	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Truck Apron								

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	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$65,000	5	$200	

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. 40/ LADDER CO. 35
Asset # : 13028

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%			2036	$29,500	1		
Conduit	20%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	65%			2035	$32,300	5	$100	
Molded Case Bkrs	30%			2052	* *	5	$100	
Wiring								
Thermoplastic	70%			2036	$23,300	1		
Thermoplastic	30%			2056	* *	1		
Motor Controllers								
Locally Mounted	40%			2034	$7,300	5		
Locally Mounted	60%			2049	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Above Boiler Room Door								
Explanation : Water Main Grounded								
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Battery	100%			2041	* *	10	$1,700	
Exterior Lighting								
LED	20%			2044	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2044	* *	1	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor								
Explanation : CCTV 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								
Electricity	100%			2062	* *	1		
Conversion Equipment								
Pres. Reducing Valve/LP Steam	100%			2045	* *	5	$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.*

FIRE DEPARTMENT - 057
ENGINE CO. 40/ LADDER CO. 35
Asset # : 13028

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								
Central Plant Steam Piping/Pmp	100%	Now	$19,900	2056	* *	4	$300	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Steam Traps Faulty, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Terminal Devices								
Air Handler	100%			2041	* *	1	$4,400	
Controls								
Electrical	100%			2034	$39,200			
Air Conditioning								
Energy Source								
Electricity	100%			2058	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	90%			2037	* *	2	$400	
Split Unit	10%			2041	* *			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$11,500	
Terminal Devices								
Air Handler/Cool/Ht	100%			2041	* *	1	$4,400	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,200	
Exhaust Fans								
Interior	100%			2041	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Electric	100%			2034	$47,300	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units, 80 Gallons Each								
HW Heat Exchanger								
Steam Fired	100%			2056	* *	4	$1,000	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2029	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								

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

FIRE DEPARTMENT - 057
ENGINE CO. 40/ LADDER CO. 35
Asset # : 13028

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%			2056	* *	1-5	$3,600	
Sprinkler								
No Component	25%							
Generic	75%			2056	* *	1-2	$1,500	
Chemical System								
Generic	100%			2034	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Hood 6 Feet X 12 Feet Which Equals 72 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 42/ LADDER CO. 56**		
Address	: **1781 MONROE AVENUE @ E. 175 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.042 / 13030**	**Yr Built/Renovated**	: **1913 / 2012**
Area Sq Ft	: **8,064**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **26-Apr-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2797** **Lot** : **35**	**BIN**	: **2007448**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$61,500	
Interior Architecture	$163,800	
Electrical		$135,100
Total	**$225,300**	**$135,100**
Importance Code A	$61,500	
Importance Code B	$163,800	$135,100
Total	**$225,300**	**$135,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$88,500			
Interior Architecture	$46,600	$400	$500	$29,000
Electrical			$100	$12,000
Mechanical	$1,100	$1,100	$1,100	$24,000
Site Enclosure	$3,100			
Site Pavements	$6,300			
Total	**$145,500**	**$1,500**	**$1,600**	**$65,000**
Importance Code A	$89,300	$800	$800	$800
Importance Code B	$40,400	$700	$700	$64,100
Importance Code C	$15,900		$200	
Total	**$145,500**	**$1,500**	**$1,600**	**$65,000**

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. 42/ LADDER CO. 56
Asset # : 13030

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	$61,500	LIFE	* *	5	$14,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 50%								
Location : Hose Tower								
Repointing Failure, Extent : Moderate, Area Affected : 25%								
Location : North Facade, South Facade								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Foundation Wall, 2nd Floor								
Masonry: Granite	5%	Now	$1,700	LIFE	* *	5	$800	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Building Base								
Masonry: Limestone	10%	Now	$16,800	LIFE	* *	5	$1,600	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Wood Overhead Doors	15%	0-2	$9,200	2040	* *	5	$8,000	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Apparatus Doors								
Explanation : Wood Sections Has Gaps At Base. Door Constantly Breaks Down								
Windows								
Aluminum	100%	Now	$25,400	2060	* *	5	$300	
Unit Inoperable, Extent : Severe, Area Affected : 70%								
Location : 3rd Floor								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$700	LIFE	* *	5	$1,500	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 2%								
Location : Copings								
Masonry: Brick	90%	2-4	$10,700	LIFE	* *	5	$1,700	
Expansion Joint Failure, Extent : Moderate, Area Affected : 10%								
Location : Corner At Front Of Building								
Roof								
Modified Bitumen	97%			2043	* *	10	$13,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : New Roof With Old Flashing								
Skylight, Metal/Glass	3%	Now	$24,000	2045	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 20%								
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
ENGINE CO. 42/ LADDER CO. 56
Asset # : 13030

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	85%	Now	$17,500	LIFE	* *	5	$22,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Area								
Ceramic Tile	5%			2044	* *	5	$600	
Quarry Tile	7%	4+	$3,100	2040	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Worn/Erode, Extent : Severe, Area Affected : 50%								
Location : Kitchen								
Vinyl Tile 9" X 9"	3%	Now	$2,900	2030	$29,000	3	$100	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : 2nd Floor								
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : 2nd Floor Office								
Worn/Erode, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor Office								
Interior Walls								
Ceramic Tile	5%			2044	* *	5	$300	
Gypsum Board	10%			LIFE	* *	5	$400	
Masonry: Brick	20%	Now	$4,900	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 1%								
Location : Basement								
Explanation : Unsupported Masonry Wall Opening								
Plaster	20%	0-2	$1,600	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Due To Water Infiltration								
SGFT/Glazed Masonry	40%			LIFE	* *			
Wood	5%			LIFE	* *	5	$1,300	
Ceilings								
AcousTileSusp.Lay-In	5%			2048	* *	5	$800	
Exposed Struc: Concrete	20%			LIFE	* *	5	$500	
Exposed Struc: Steel	15%	Now	$163,800	LIFE	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 20%								
Location : Basement Areas At Metal Deck And Support Steel								
Gypsum Board	5%	Now	$4,000	LIFE	* *	5	$900	
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor Rear Of Building								
Plaster	55%	0-2	$12,700	LIFE	* *	5	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various Locations At Water Penetration								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2045	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 42/ LADDER CO. 56
Asset # : 13030

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								
Concrete Masonry Unit	100%	0-2	$3,100	2055	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Wall In Rear Yard								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$6,300	2048	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : South Side Walkway								

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%			2035	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$200	
Raceway								
Conduit	100%			2035	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	95%			2034	$47,100	5	$200	
Wiring								
Thermoplastic	100%			2035	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2035	$70,000	10	$7,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Exterior Lighting								
HID	20%			2030	$7,500	10		
Incandescent	10%			2030	$4,300	2		
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 42/ LADDER CO. 56
Asset # : 13030

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%			2055	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$8,000	
Distribution								
Steam Piping/Pump	100%			2045	* *			
Terminal Devices								
Convector/Radiator	100%			2040	* *	1	$2,600	
Controls								
Electrical	100%			2033	$44,800			
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2030	$22,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Various. 30 Percent Of The Window Units Are Not Working								
No Component	25%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
No Water Meter, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2033	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
No Component	95%							
Generic	5%			2040	* *	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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 43/ LADDER CO. 59**		
Address	: **1901 SEDGWICK AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.043 / 13031**	**Yr Built/Renovated**	: **1902 / 2003**
Area Sq Ft	: **7,956**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **25-Apr-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2881** **Lot** : **140**	**BIN**	: **2009252**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$195,400	
Total	**$195,400**	
Importance Code A	$195,400	
Total	**$195,400**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$7,300			
Interior Architecture	$35,800	$700	$300	$2,700
Electrical	$500	$600	$500	$700
Mechanical	$19,300	$1,100	$2,400	$16,200
Site Enclosure	$1,000			
Total	**$63,900**	**$2,400**	**$3,300**	**$19,500**
Importance Code A	$8,100	$800	$800	$800
Importance Code B	$42,700	$1,600	$2,400	$18,700
Importance Code C	$13,100		$100	
Total	**$63,900**	**$2,400**	**$3,300**	**$19,500**

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. 43/ LADDER CO. 59
Asset # : 13031

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	10%	Now	$3,900	2045	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : South Elevation At Shed Addition								
Masonry: Brick	80%	4+	$129,600	LIFE	* *	5	$15,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Ceramic Face Of Interior Side Of Exterior Wall								
Painted Surfaces, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 3%								
Location : South Wall At Driveway Has Vehicular Impact Damage								
Staining/Discoloring, Extent : Moderate, Area Affected : 1%								
Location : North Wall At Grease Exhaust, Observed Grease Stains On Brick								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : North Facade								
Vertical Cracks, Extent : Light, Area Affected : 2%								
Location : Side Elevation Next To Park								
Masonry: Granite	1%			LIFE	* *	5	$100	
Masonry: Limestone	5%			LIFE	* *	5	$700	
Metal Sect. OHD	4%	0-2	$600	2040	* *	5	$1,200	
Unit Inoperable, Extent : Moderate, Area Affected : 2%								
Location : Front Facade Right Side								
Windows								
Aluminum	98%			2051	* *	5	$500	
Wood	2%			2051	* *	5	$100	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$1,000	
Masonry: Brick	90%	0-2	$2,900	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : North Parapet Wall Exhibits Cracking								
Roof								
Modified Bitumen	78%	Now	$65,800	2045	* *			
Blisters, Extent : Severe, Area Affected : 25%								
Location : Roof								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 5%								
Location : Roof Front Wall								
Roll Roofing	20%			2031	$10,000	5	$2,600	
Skylight, Metal/Glass	2%			2055	* *	10	$500	
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 43/ LADDER CO. 59
Asset # : 13031

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	$7,200	
Ceramic Tile	3%			2044	* *	5	$300	
Ceramic Tile	2%	Now	$4,900	2050	* *	5	$100	
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor Shower Room, Engine Office								
Panel/Paver: Cer/Brk	5%			2051	* *	5	$1,200	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Kitchen Floor								
Vinyl Tile	50%			2040	* *	3	$2,000	
Wood	10%			2050	* *	5	$2,000	
Interior Walls								
Ceramic Tile	5%			2044	* *	5	$300	
Concrete Masonry Unit	5%			LIFE	* *	5	$100	
Gypsum Board	10%			LIFE	* *	5	$400	
Masonry: Brick	2%			LIFE	* *			
Plaster	40%	Now	$2,900	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Engine Office At Window								
Plywood/Hardboard	3%			LIFE	* *			
SGFT/Glazed Masonry	35%	0-2	$9,300	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : At Stair, Missing Elements								
Ceilings								
AcousTileSusp.Lay-In	30%			2040	* *	5	$3,300	
Embossed Metal	50%	Now	$8,200	LIFE	* *	5	$2,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Apparatus Room Front								
Deformed/Dented, Extent : Severe, Area Affected : 5%								
Location : 1st And 2nd Floors								
Exposed Struc: Steel	20%	Now	$10,500	LIFE	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 2%								
Location : Basement Front In Storage Area								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Storage Area								
Site Enclosure								
Fence/Gates								
Chain Link	100%	4+	$1,000	2055	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Side Yard Walkway								
Retaining Walls								
Cast in Place Concrete	100%			2070	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			

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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. 43/ LADDER CO. 59
Asset # : 13031

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%			2045	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	5	$200	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Molded Case Bkrs	100%			2043	* *	5	$200	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$2,500	
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Exterior Lighting								
LED	10%			2040	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$3,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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	1%			2055	* *	1		
Natural Gas	99%			2055	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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FIRE DEPARTMENT - 057
ENGINE CO. 43/ LADDER CO. 59
Asset # : 13031

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	1%			2040	* *	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Electric Unit Heater								
Steam Boiler	99%			2048	* *	1	$7,800	
Damaged, Extent : Light, Area Affected : 50%								
Location : Rusted And Damaged Window Louvers In Boiler Room								
Other Observation, Extent : Moderate, Area Affected : 99%								
Location : Basement								
Explanation : 2 Units Gasoline Fired Boilers								
Distribution								
Central Plant Steam Piping/Pmp	100%			2045	* *	4	$400	
Terminal Devices								
Convector/Radiator	100%			2040	* *	1	$2,600	
Controls								
Electrical	100%	0-2	$2,200	2033	$44,200			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout. One Thermostat For The Entire Building								
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	20%			2036	$25,200	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Serves Sitting Room And Racquetball Court								
Split Unit	10%	0-2	$9,400	2035	$18,900			
Not in Service, Extent : Light, Area Affected : 50%								
Location : Defective Unit								
Window/Wall Unit	50%	0-2	$1,500	2030	$15,100	1		
Broken, Extent : Moderate, Area Affected : 50%								
Location : Various Locations. 50 Percent Are Not Working								
No Component	20%							
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Sitting And Members Rooms								
No Component	80%							

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FIRE DEPARTMENT - 057
ENGINE CO. 43/ LADDER CO. 59
Asset # : 13031

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Fan Coil - 2 Pipe	10%			2035	$19,400	1	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Members Room								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,400	
Exhaust Fans								
Interior	90%			2035	$31,800	2	$200	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Apparatus Room								
Explanation : On Extended Life								
Roof	10%			2040	* *	2		
Other Observation, Extent : Light, Area Affected : 25%								
Location : Lower Level Roof								
Explanation : 1 Exhaust Fan And 1 Split Unit On Lower Level Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Antiquated, Extent : Light, Area Affected : 100%								
Location : Basement								
No Water Meter, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	0-2	$5,000	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Bathroom Leaking Into First Floor								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : 1st Floor								
Explanation : Engine Office Bathroom Is Leaking								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
No Component	95%							
Generic	5%			2040	* *	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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 44**		
Address	: **221 EAST 75th STREET BTWN 2ND AVE. - 3RD AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.044 / 13032**	**Yr Built/Renovated**	: **1881 / 2011**
Area Sq Ft	: **6,250**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **29-Aug-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1430** **Lot** : **10**	**BIN**	: **1044059**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$76,100
Total		**$76,100**
Importance Code B		$76,100
Total		**$76,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$26,100		$13,300	
Interior Architecture	$8,800	$800		
Electrical	$700	$700	$3,200	$700
Mechanical	$37,600	$1,000	$600	$600
Total	**$73,200**	**$2,500**	**$17,200**	**$1,300**
Importance Code A	$26,400	$300	$13,700	$300
Importance Code B	$46,800	$1,900	$3,600	$1,000
Importance Code C		$200		
Total	**$73,200**	**$2,500**	**$17,200**	**$1,300**

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

FIRE DEPARTMENT - 057
ENGINE CO. 44
Asset # : 13032

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%	2-4	$24,100	LIFE	* *	5	$14,600	
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : Front Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : West Facade By Front Entrance								
Masonry: Brownstone	15%			LIFE	* *	5	$2,400	
Metal Panel	5%			2044	* *	5-10	$7,200	
Wood Overhead Doors	10%			2039	* *	5	$10,400	
Windows								
Aluminum	100%			2042	* *	5	$500	
Air Infiltration, Extent : Severe, Area Affected : 2%								
Location : 2nd Floor Front Office								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$600	
Masonry: Brick	70%			LIFE	* *	5	$500	
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Various Areas On All Elevations								
Metal Cornice	20%			2049	* *	10	$500	
Roof								
Asphalt Shingle	5%			2043	* *	10	$100	
Modified Bitumen	90%			2039	* *	10	$5,700	
Skylight, Metal/Glass	5%	4+	$1,800	2044	* *			
Air Infiltration, Extent : Severe, Area Affected : 50%								
Location : Lower Roof								
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$6,000	
Ceramic Tile	5%			2043	* *	5	$500	
Quarry Tile	5%			2047	* *	5	$700	
Vinyl Tile	30%			2034	$76,100	3	$1,000	
Wood	30%	4+	$8,200	2049	* *	5	$2,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2043	* *	5	$500	
Concrete Masonry Unit	5%			LIFE	* *	5	$200	
Masonry: Brick	10%			LIFE	* *			
Plaster	60%			LIFE	* *	5	$1,600	
SGFT/Glazed Masonry	20%			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. 44
Asset # : 13032

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%			2047	* *	5	$500	
Embossed Metal	68%			LIFE	* *	5	$2,800	
Exposed Struc: Concrete	20%			LIFE	* *	5	$300	
Exposed Struc: Wood	5%			LIFE	* *			
Gypsum Board	1%			LIFE	* *	5	$100	
Plaster	1%			LIFE	* *	5	$100	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2047	* *			

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%			2060	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 400 Ampere Main Switch								
Switchgear / Switchboard								
Fused Disc Sw	80%			2060	* *	5		
Molded Case Bkrs	20%			2060	* *	5		
Raceway								
Conduit	100%			2060	* *	1		
Panelboards								
Molded Case Bkrs	100%			2056	* *	5	$200	
Wiring								
Thermoplastic	100%			2060	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2051	* *	1	$1,900	
Generators								
Diesel	100%			2047	* *	1	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 51.25 Kilovolt Amperes, 41 kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	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. 44
Asset # : 13032

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%			2056	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 26 Gallons								
Lighting								
Interior Lighting								
LED	100%			2042	* *			
Egress Lighting								
Emergency, Service	50%			2039	* *	1		
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2042	* *	1	$2,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior Only								
Explanation : Cameras Security 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								
Natural Gas	100%			2054	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2051	* *	1	$3,100	
Distribution								
Hot Wtr Piping/Pump	100%			2056	* *	4	$500	
Terminal Devices								
Convector/Radiator	100%	Now	$1,000	2039	* *	1	$1,800	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium Area. Corroded Radiator								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Television Room And Gymnasium Radiator								
Other Observation, Extent : Light, Area Affected : 20%								
Location : 1st Floor								
Explanation : Underfloor Radiant Heat								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 44
Asset # : 13032

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	20%	Now	$14,800	2034	$29,700			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Kitchen And Bunk Room								
Explanation : Bunk Room Undersized So Temporary Floor Mounted Unit Is Used								
Window/Wall Unit	80%			2027	$18,900	1		
Ventilation								
Exhaust Fans								
Roof	100%	Now	$2,400	2039	* *	2	$200	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : 1st Floor								
Explanation : Undersized								
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2047	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$200	4	$200	
Backflow Preventer								
Generic	100%			2039	* *	1	$400	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2032	$1,200	1-10	$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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 46/ LADDER CO. 27 COMBINED FACILITY/ 48TH PCT.**		
Address	: **460 CROSS BRONX EXPRESSWAY**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.046 / 13034**	**Yr Built/Renovated**	: **1972 /**
Area Sq Ft	: **8,790**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **26-Apr-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2907** **Lot** : **10**	**BIN**	: **2009509**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical		$224,800
Total		**$224,800**
Importance Code B		$224,800
Total		**$224,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$2,200			$2,900
Interior Architecture	$16,100	$1,500		$600
Electrical			$100	$8,200
Mechanical	$20,100	$17,200	$7,200	$37,900
Site Pavements	$9,400			
Total	**$47,800**	**$18,800**	**$7,300**	**$49,600**
Importance Code A	$2,200			$2,900
Importance Code B	$45,600	$18,400	$7,300	$46,700
Importance Code C		$400		
Total	**$47,800**	**$18,800**	**$7,300**	**$49,600**

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. 46/ LADDER CO. 27 COMBINED FACILITY/ 48TH PCT.

Asset # : 13034

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	$12,900	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facade								
Sidewalk Shed in Use, Extent : Light, Area Affected : 100%								
Location : Facade								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Front Facade								
Explanation : Netting To Prevent Falling Brick Up For More Than 5 Years								
Metal Sect. OHD	10%			2040	* *	5	$5,800	
Pre-cast Concrete	20%			LIFE	* *	5	$12,000	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Facade								
Windows								
Aluminum	100%	2-4	$2,200	2043	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor								
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$800	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapet Wall								
Masonry: Brick	85%			LIFE	* *	5	$600	
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Parapet Wall								
Roof								
Modified Bitumen	100%			2043	* *	10	$12,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Repair Work In Progress								
Soffits								
Metal Panel	50%			2055	* *	5-10		
Stucco Cement	50%			2040	* *	5		
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	$12,800	
Ceramic Tile	15%			2038	* *	5	$2,200	
Terrazzo	10%			LIFE	* *	5	$1,100	
Vinyl Tile	15%	Now	$3,000	2040	* *	3	$800	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor								
Vinyl Tile 9" X 9"	20%	Now	$11,700	2045	* *	3	$1,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : 2nd Floor And Penthouse, Bunker Rooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 46/ LADDER CO. 27 COMBINED FACILITY/ 48TH PCT.

Asset # : 13034

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%			2038	* *	5	$900	
Concrete Masonry Unit	20%			LIFE	* *	5	$700	
Gypsum Board	10%			LIFE	* *	5	$500	
Plaster	33%			LIFE	* *	5	$900	
Plywood/Hardboard	2%			LIFE	* *			
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	30%	0-2	$1,400	2040	* *	5	$2,100	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Ceiling Engine Office								
Worn/Erode, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Exposed Struc: Concrete	35%			LIFE	* *	5	$800	
Plaster	35%			LIFE	* *	5	$3,000	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$9,400	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Fire Truck Entry Ramp To Apparatus 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								
Raceway								
Conduit	100%			2035	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	95%			2034	$47,100	5	$200	
Wiring								
Thermoplastic	100%			2035	$33,300	1		
Motor Controllers								
Locally Mounted	70%			2033	$12,800	5		
Variable Frequency Drive	30%			2040	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	5%			2035	$3,800	10	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Rooms								
Explanation : T-8 Lamps								
LED	95%			2040	* *			

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FIRE DEPARTMENT - 057

ENGINE CO. 46/ LADDER CO. 27 COMBINED FACILITY/ 48TH PCT.

Asset # : 13034

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	20%			2030	$8,200	10		
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2055	* *	1		
Conversion Equipment								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout								
Explanation : Served By Adjacent New York Police Department Building								
Distribution								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout								
Explanation : Served By Adjacent New York Police Department Building								
Terminal Devices								
Convector/Radiator	50%	Now	$700	2048	* *	1	$1,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Comfort Control Issues								
Unit Heater - Steam	50%			2040	* *	4	$600	
Other Observation, Extent : Light, Area Affected : 50%								
Location : 1st Floor And Penthouse								
Explanation : Unit Heaters On Apparatus Floor And Penthouse								
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	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. 46/ LADDER CO. 27 COMBINED FACILITY/ 48TH PCT.

Asset # : 13034

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								
Centrifugal,Elec Chiller	50%	2-4	$4,500	2044	* *	1	$4,300	
Malfunctioning, Extent : Moderate, Area Affected : 60%								
Location : 2nd Floor. Ineffective Cooling Operation During Summer Season.								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Units Serviced And Controlled By Adjacent New York Police Department Building								
Split Unit	10%			2040	* *			
Window/Wall Unit	40%			2028	$13,300	1		
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Window Units Required Due To Ineffective Cooling From Units In The Adjacent New York Police Department Building								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$11,400	
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	$8,500	2035	$170,600	1	$4,900	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Penthouse On Roof								
Explanation : Air Handlers Serviced And Controlled By Adjacent New York Police Department Building. Comfort Control Issues								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,900	
Exhaust Fans								
Interior	10%	Now	$3,900	2045	* *	2		
Broken, Extent : Severe, Area Affected : 100%								
Location : Ceiling Of The 2nd Floor								
Interior	40%			2040	* *	2	$100	
Roof	50%			2040	* *	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Old Fan Abandoned In Place								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Police Precinct Next Door								
Explanation : Two 75 Gallon Water Heaters								
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

ENGINE CO. 46/ LADDER CO. 27 COMBINED FACILITY/ 48TH PCT.

Asset # : 13034

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								
Chemical System								
Wet	100%			2033	$54,300	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Supression System On Hood 4 Feet X 10 Feet Which Equals 40 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 47**		
Address	: **502 WEST 113TH STREET @ AMSTERDAM AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.047 / 13035**	**Yr Built/Renovated**	: **1889 /**
Area Sq Ft	: **5,244**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **08-Jan-2025**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1884** **Lot** : **39**	**BIN**	: **1057000**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical		$101,100
Mechanical		$63,700
Total		**$164,800**
Importance Code B		$164,800
Total		**$164,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$85,100			
Interior Architecture	$80,800		$1,600	
Electrical	$11,400			
Mechanical	$10,800	$3,200	$11,900	$3,200
Site Pavements	$800			
Total	**$188,900**	**$3,200**	**$13,600**	**$3,200**
Importance Code A	$85,600	$500	$500	$500
Importance Code B	$56,900	$2,700	$13,100	$2,700
Importance Code C	$46,400			
Total	**$188,900**	**$3,200**	**$13,600**	**$3,200**

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. 47
Asset # : 13035

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	$18,300	
Masonry: Brick	78%	Now	$32,900	LIFE	* *	5	$18,200	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : East Side Of Building								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement								
Masonry: Brownstone	10%	Now	$14,800	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Exterior Window Sills On East Side Of Building								
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Wood	2%			2041	* *	5	$2,300	
Wood Overhead Doors	5%			2041	* *	5	$5,800	
Windows								
Aluminum	100%	Now	$9,600	2044	* *	5	$300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor, 3rd Floor								
Parapets								
Masonry: Brick	45%			LIFE	* *	5-10	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parapet Wall								
Explanation : Roof Side Covered With Sheet Metal Panels								
Masonry: Sandstone	10%	Now	$4,400	LIFE	* *	5	$100	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 100%								
Location : All Parapets								
Loose/Delam Surface, Extent : Severe, Area Affected : 50%								
Location : All Parapet Copings								
Metal Panel	45%			2046	* *	5	$1,200	

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

FIRE DEPARTMENT - 057
ENGINE CO. 47
Asset # : 13035

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								
Asphalt Shingle	10%	Now	$1,400	2039	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Roll Roofing	90%	Now	$11,100	2032	$36,800	5	$4,300	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Explanation : Base Flashing Broken								
Soffits								
Masonry: Brownstone	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%	2-4	$2,300	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%			2039	* *	5	$600	
Mosaic Tile	2%	Now	$15,000	2056	* *	5	$300	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Laundry Room, 3rd Floor								
Quarry Tile	5%			2049	* *	5	$900	
Vinyl Tile	58%			2041	* *	3	$2,600	
Wood	20%	Now	$7,900	2051	* *	5	$2,300	
Uneven Surface, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor								

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

FIRE DEPARTMENT - 057
ENGINE CO. 47
Asset # : 13035

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	$24,300	2051	* *	5	$300	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Officers Bathroom								
Concrete Masonry Unit	5%			LIFE	* *	5	$500	
Glass: Single Pane	5%			LIFE	* *	5	$1,000	
Gypsum Board	10%			LIFE	* *	5-10	$2,300	
Masonry: Brick	10%	Now	$14,000	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Basement Towards Front								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Metal Panel	10%	Now	$1,500	LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 50%								
Location : Throughout								
Plaster	55%			LIFE	* *	5-10	$6,300	
Ceilings								
AcousTileSusp.Lay-In	10%			2041	* *	5	$900	
Embossed Metal	90%	4+	$9,600	LIFE	* *	5	$3,700	
Bent/Warped Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$500	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$300	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2049	* *			
Activity Yard								
Pavers/Stone	100%			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%			2036	$16,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$71,200	5	$100	

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FIRE DEPARTMENT - 057
ENGINE CO. 47
Asset # : 13035

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	85%			2036	$34,300	1		
Conduit	15%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,700	5		
Molded Case Bkrs	40%			2044	* *	5	$100	
Molded Case Bkrs	55%			2035	$29,900	5	$100	
Obsolete Equipment, Extent : Moderate, Area Affected : 50%								
Location : First Floor								
Wiring								
Thermoplastic	40%			2046	* *	1		
Thermoplastic	60%			2036	$21,900	1		
Motor Controllers								
Locally Mounted	100%			2034	$20,000	5		
Ground								
Grounding Devices								
Generic	100%	0-2	$11,400	LIFE	* *	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							

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								
Steam Boiler	100%			2049	* *	1	$5,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%			2036	$46,000			
Terminal Devices								
Convector/Radiator	90%			2034	$42,300	1	$1,500	
Unit Heater - Steam	10%			2031	$3,300	4	$100	
Controls								
Electrical	100%			2034	$31,900			
Air Conditioning								

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FIRE DEPARTMENT - 057
ENGINE CO. 47
Asset # : 13035

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%			2044	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2029	$8,700	1		
Window/Wall Unit	20%			2031	$4,400	1		
No Component	40%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Garage, Middle Room								
Explanation : Location Noted								
Ventilation								
Exhaust Fans								
Interior	80%			2031	$20,400	2	$100	
Roof	20%			2036	$2,200	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$18,700	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : One 74 Gallon Unit								
Sanitary Piping								
Cast Iron	100%	Now	$3,600	LIFE	* *	1		
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2031	$63,700	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : One 20 Square Foot Hood								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **15-Mar-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **3025** **Lot** : **25**	**BIN**	: **2011061**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$170,800	
Interior Architecture	$63,800	
Electrical		$300,600
Mechanical	$70,200	
Total	**$304,800**	**$300,600**
Importance Code A	$170,800	$65,000
Importance Code B	$134,000	$235,600
Total	**$304,800**	**$300,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$40,300	$300		$3,300
Interior Architecture	$11,500	$1,300	$800	$2,800
Electrical	$14,300	$1,300	$1,300	$6,800
Mechanical	$11,200	$4,400	$3,900	$14,600
Site Pavements	$1,900			
Total	**$79,200**	**$7,300**	**$6,100**	**$27,500**
Importance Code A	$40,900	$900	$600	$4,000
Importance Code B	$33,900	$6,400	$5,500	$23,500
Importance Code C	$4,400			
Total	**$79,200**	**$7,300**	**$6,100**	**$27,500**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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FIRE DEPARTMENT - 057

ENGINE CO. 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	10%	0-2	$11,600	LIFE	* *	5	$9,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Facade								
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Various Locations								
Masonry: Brick	75%	4+	$23,900	LIFE	* *	5	$14,500	
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Lower Story								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Throughout Facade								
Metal Panel	5%	0-2	$1,300	2045	* *	5	$1,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Street Facade								
Loose/Miss Fasteners, Extent : Moderate, Area Affected : 15%								
Location : Street Facade								
Metal Sect. OHD	10%			2040	* *	5	$6,100	
Windows								
Aluminum	97%			2051	* *	5	$1,600	
Metal Louvers	3%			2038	* *	10	$300	
Parapets								
Masonry: Brick	90%	4+	$3,500	LIFE	* *	5	$1,400	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : Parapet Walls								
Metal Panel	10%			2055	* *	5	$600	
Roof								
Modified Bitumen	100%	Now	$170,800	2045	* *			1
Blisters, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Drains Inad/Misposn, Extent : Severe, Area Affected : 20%								
Location : Main Roof								
Ponding, Extent : Severe, Area Affected : 25%								
Location : Main Roof								
Seams Open/Split, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor Bunker Room								
Interior								

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

FIRE DEPARTMENT - 057

ENGINE CO. 48 DIVISION 7 COMMAND CENTER

Asset # : 13036

Architecture	Current Repair			Future Replacement		Maintenance		
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	$63,800	LIFE	* *	5	$16,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor, Gymnasium, Kitchen								
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor, Gymnasium, Kitchen Backup From Storm Drain								
Worn/Erode, Extent : Moderate, Area Affected : 30%								
Location : Apparatus Floor, Gymnasium, Kitchen								
Ceramic Tile	10%			2044	* *	5	$1,700	
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : First Floor Bathroom								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : First Floor Bathroom								
Explanation : Raw Sewage								
Quarry Tile	10%			2048	* *	5	$2,500	
Sheet Vinyl/Rubber	20%			2040	* *	5	$5,000	
Vinyl Tile	15%	2-4	$1,400	2040	* *	3	$900	
Worn/Erode, Extent : Light, Area Affected : 50%								
Location : Second Floor Corridor, Stair, Bunk Room, Locker Room								
Interior Walls								
Ceramic Tile	10%	Now	$2,500	2044	* *	5	$1,100	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : First Floor Bathroom								
Concrete Masonry Unit	30%			LIFE	* *	5	$2,800	
Gypsum Board	20%			LIFE	* *	5	$2,800	
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	55%	Now	$7,600	2048	* *	5	$4,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Second Floor								
Exposed Struc: Concrete	40%			LIFE	* *	5	$1,000	
Gypsum Board	5%			LIFE	* *	5	$1,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : At Roof Hatch On Second Floor								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2055	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$1,900	2048	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Area								

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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								
Service Equipment								
Molded Case Bkrs	100%			2035	$65,000	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$300	
Raceway								
Conduit	70%			2035	$25,800	1		
Conduit	30%			2045	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	30%			2043	* *	5	$100	
Molded Case Bkrs	65%			2034	$32,300	5	$200	
Wiring								
Thermoplastic	70%			2035	$23,300	1		
Thermoplastic	30%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2033	$13,200	1	$3,500	
Generators								
Diesel	100%			2031	$101,800	1	$4,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rated At 17.5 Kilowattts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$400	
Fuel Storage								
Day Tank	10%			2034	$2,600	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 10 Gallons Rated Capacity								
Main Tank	90%			2038	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : 250 Gallons Rated Capacity								
Lighting								

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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
Lighting								
Interior Lighting								
Fluorescent	70%			2035	$68,700	10	$7,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	30%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2035	$9,500	10	$1,400	
Exit, LED	50%			2050	* *	1		
Exterior Lighting								
HID	10%			2030	$5,300	10		
LED	10%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$4,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2055	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2048	* *	1	$5,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room.								
Explanation : 1 Unit, 1 Zone For Whole Building								
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	$800	
Terminal Devices								
Convector/Radiator	60%			2040	* *	1	$2,200	
Damaged, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor Television Room								
Unit Heater - Steam	40%			2040	* *	4	$600	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

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FIRE DEPARTMENT - 057

ENGINE CO. 48 DIVISION 7 COMMAND CENTER

Asset # : 13036

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Interior Pkg Unit - Cooling	10%			2033	$17,900	2	$100	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Second Floor								
Explanation : Unit For Cooling Only								
Split Unit	45%			2040	* *			
Other Observation, Extent : Light, Area Affected : 40%								
Location : Roof								
Explanation : 5 Units. R-410a								
Window/Wall Unit	15%			2030	$6,400	1		
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	40%			2040	* *	1	$1,500	
Fan Coil - 2 Pipe	5%			2030	$12,100	1	$200	
No Component	55%							
Heat Rejection								
Dry Cooler	45%			2040	* *	2	$3,500	
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%	Now	$4,000	LIFE	* *	2-5	$2,500	
Other Observation, Extent : Severe, Area Affected : 20%								
Location : 2nd Floor								
Explanation : Air Circulation Is Very Poor In 2nd Floor Specially The Stay Room.								
No Component	60%							
Exhaust Fans								
Roof	25%			2043	* *	2	$100	
Roof	25%	0-2	$500	2035	$5,500	2	$100	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : Roof, Defective Motor								
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$2,800	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : 1st Floor Operational Area								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Apparatus Room								
Explanation : Occasional Sewer Backups								

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FIRE DEPARTMENT - 057

ENGINE CO. 48 DIVISION 7 COMMAND CENTER

Asset # : 13036

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Light, Area Affected : 20%								
Location : 2nd Floor Slop Sink, Faucets And Urinals Are Leaking								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2045	* *	1-2	$600	
Other Observation, Extent : Light, Area Affected : 20%								
Location : 2nd Floor								
Explanation : Partial System Serves Command Center And Corridors								
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression 4 Feet X 8 Feet Which Equals 32 Square Feet								

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

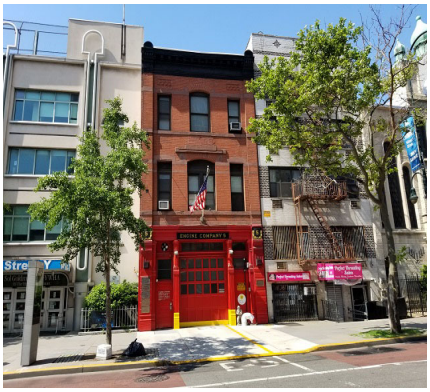
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 5**		
Address	: **340 EAST 14th STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.005 / 13004**	**Yr Built/Renovated**	: **1880 / 2002**
Area Sq Ft	: **5,727**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **14-Dec-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **455** **Lot** : **28**	**BIN**	: **1006520**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical		$54,300
Total		**$54,300**
Importance Code B		$54,300
Total		**$54,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$12,600	$2,000		
Interior Architecture	$14,300	$3,500	$400	$300
Electrical	$600	$600	$3,200	$700
Mechanical	$13,900	$3,800	$3,600	$6,000
Total	**$41,500**	**$10,000**	**$7,100**	**$6,900**
Importance Code A	$17,600	$2,600	$600	$600
Importance Code B	$22,700	$7,400	$6,200	$6,400
Importance Code C	$1,200		$400	
Total	**$41,500**	**$10,000**	**$7,100**	**$6,900**



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. 5
Asset # : 13004

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 Iron	3%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lower Section Of Front Elevation								
Explanation : Painted Surface								
Masonry: Brick	87%			LIFE	* *	5	$22,800	
Masonry: Brownstone	5%	Now	$3,000	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Banding								
Metal Sect. OHD	5%			2048	* *	5	$4,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Overhead Door								
Explanation : Fiberglass Door								
Windows								
Aluminum	100%	Now	$3,100	2051	* *	5	$300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Second Floor Bunk Room And Third Floor Office								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$700	
Masonry: Brick	80%			LIFE	* *	5	$800	
Metal Cornice	10%			2063	* *	10	$300	
Roof								
Asphalt Shingle	10%			2044	* *	10	$100	
Modified Bitumen	90%	2-4	$6,500	2040	* *			
Deteriorated Finish, Extent : Light, Area Affected : 20%								
Location : Roof								
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$3,700	
Ceramic Tile	10%	Now	$1,000	2044	* *	5	$400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Third Floor Bathroom								
Quarry Tile	5%			2048	* *	5	$600	
Vinyl Tile	25%	Now	$11,700	2040	* *	3	$800	
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Second Floor Bunk								
Explanation : Rotted Substrate								
Wood	40%			2063	* *	5	$6,300	

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FIRE DEPARTMENT - 057
ENGINE CO. 5
Asset # : 13004

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%			2044	* *	5	$700	
Concrete Masonry Unit	30%			LIFE	* *	5	$1,700	
Gypsum Board	30%	Now	$1,200	LIFE	* *	5	$2,600	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Roof Hatch								
Masonry: Brick	10%			LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement								
Plaster	15%			LIFE	* *	5	$600	
Wood	10%			LIFE	* *	5	$5,800	
Ceilings								
AcousTileSusp.Lay-In	60%	Now	$500	2048	* *	5	$700	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Throughout								
Embossed Metal	20%			LIFE	* *	5	$200	
Exposed Struc: Steel	20%			LIFE	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			

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%			2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$200	
Raceway								
Conduit	90%			2055	* *	1		
Conduit	10%			2035	$3,700	1		
Panelboards								
Fused Disc Sw	5%			2051	* *	5		
Molded Case Bkrs	95%			2051	* *	5	$100	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								

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FIRE DEPARTMENT - 057
ENGINE CO. 5
Asset # : 13004

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%			2048	* *	1	$1,800	
Generators								
Diesel	100%			2044	* *	1	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One, 62.5 Kilovolt Amperes, 80 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$200	
Fuel Storage								
Day Tank	50%			2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 100 Gallons								
Main Tank	50%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallons								
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2040	* *	1	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Only								
Explanation : CCTV Surveillance Cameras								

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%			2055	* *	1		
Conversion Equipment								
Steam Boiler	100%	Now	$5,000	2040	* *	1	$5,100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : 1 Defective Unit Which Going Down Frequently.								

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FIRE DEPARTMENT - 057
ENGINE CO. 5
Asset # : 13004

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								
Hot Wtr Piping/Pump	100%			2043	* *	4	$400	
Terminal Devices								
Convector/Radiator	100%			2040	* *	1	$1,900	
Controls								
Electrical	100%			2033	$31,800			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	60%			2040	* *	2	$200	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit, Roof								
Window/Wall Unit	10%			2030	$2,200	1		
No Component	30%							
Heat Rejection								
Air Cooled Condenser Unit	60%			2040	* *	2	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : R-410a								
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%	Now	$1,300	LIFE	* *	2-5	$300	
Insul. Deteriorating, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$1,900	
No Component	30%							
Exhaust Fans								
Roof	70%			2040	* *	2	$100	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$3,400	2034	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Only One 75 Gallon Unit. One Reserve Unit Needed.								
Sanitary Piping								
Cast Iron	100%	Now	$1,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
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
ENGINE CO. 5
Asset # : 13004

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								
Chemical System								
Wet	100%			2033	$54,300	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 50/ LADDER CO. 19**		
Address	: **1155 WASHINGTON AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.050 / 13037**	**Yr Built/Renovated**	: **1975 /**
Area Sq Ft	: **11,344**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **03-Apr-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2388** **Lot** : **45**	**BIN**	: **2001584**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$61,000	
Interior Architecture		$69,600
Electrical		$130,000
Mechanical	$138,600	$63,100
Total	**$199,700**	**$262,700**
Importance Code A	$61,000	$65,000
Importance Code B	$138,600	$197,700
Total	**$199,700**	**$262,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$11,600	$200		$400
Interior Architecture	$28,700	$500	$1,000	$1,600
Electrical	$400	$500	$600	$700
Mechanical	$63,600	$3,600	$4,200	$23,600
Site Enclosure	$16,100			
Site Pavements	$49,000			
Total	**$169,500**	**$4,800**	**$5,800**	**$26,300**
Importance Code A	$12,200	$800	$600	$1,100
Importance Code B	$94,700	$3,800	$5,100	$25,200
Importance Code C	$62,600	$200	$200	
Total	**$169,500**	**$4,800**	**$5,800**	**$26,300**

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

FIRE DEPARTMENT - 057
ENGINE CO. 50/ LADDER CO. 19
Asset # : 13037

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick Cavity	80%			LIFE	* *	5	$15,100	
Metal Sect. OHD	15%	4+	$5,100	2040	* *	5	$4,400	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : At Bottom Of Overhead Door								
Pre-cast Concrete	5%	Now	$3,400	LIFE	* *	5	$3,100	
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Above House Watch								
Windows								
Aluminum	72%	Now	$61,000	2060	* *	5	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Basement And At House Watch								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Aluminum	28%			2043	* *	5	$500	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$1,600	
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : Parapet Wall								
Pre-cast Concrete	10%			LIFE	* *	5	$1,100	
Roof								
Asphalt Shingle	20%			2050	* *	10	$400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Modified Bitumen	80%			2045	* *	10	$8,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof								
Soffits								
Stucco Cement	100%	4+	$3,100	2048	* *	5	$1,800	
Staining/Discoloring, Extent : Light, Area Affected : 80%								
Location : At Corner Of Washington Avenue And 167th Street								
Interior								

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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
Interior								
Floors								
Cast in Place Concrete	50%	Now	$14,300	LIFE	* *	5	$18,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Misaligned/Bulging, Extent : Moderate, Area Affected : 15%								
Location : Apron At Apparatus Floor								
Worn/Erode, Extent : Moderate, Area Affected : 30%								
Location : Throughout Apparatus Floor								
Ceramic Tile	10%			2044	* *	5	$1,700	
Quarry Tile	10%			2040	* *	5	$2,500	
Vinyl Tile	15%	0-2	$7,000	2035	$69,600	3	$900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : First Floor, 2nd Floor Locker And Bunk Room								
Worn/Erode, Extent : Severe, Area Affected : 20%								
Location : Stairwell And First Floor								
Vinyl Tile	15%			2040	* *	3	$900	
Interior Walls								
Ceramic Tile	5%			2038	* *	5	$300	
Ceramic Tile	5%			2044	* *	5	$300	
Concrete Masonry Unit	50%			LIFE	* *	5	$1,300	
Gypsum Board	5%			LIFE	* *	5	$200	
Plaster	10%			LIFE	* *	5	$200	
SGFT/Glazed Masonry	20%			LIFE	* *			
Wood	5%			LIFE	* *	5	$1,300	
Ceilings								
AcousTileSusp.Lay-In	55%	4+	$3,100	2048	* *	5	$4,600	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Bunk Room, And Gymnasium								
Exposed Struc: Concrete	15%			LIFE	* *	5	$400	
Gypsum Board	30%	4+	$4,400	LIFE	* *	5	$6,300	
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : Apparatus Room								
Site Enclosure								
Fence/Gates								
Chain Link	100%	0-2	$14,900	2045	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Side Yard And Driveway								
Retaining Walls								
Cast in Place Concrete	100%	4+	$1,200	2055	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Driveway								
Site Pavements								

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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
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	90%	4+	$1,300	2048	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Along 167th Street And Washington Avenue								
Pavers/Stone	10%			2044	* *			
Parking/Driveway								
Asphalt	90%	Now	$44,300	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Driveway And Side Yard								
Ponding, Extent : Severe, Area Affected : 10%								
Location : Driveway And Side Yard								
Potholes, Extent : Severe, Area Affected : 25%								
Location : Driveway								
Tripping Hazard, Extent : Severe, Area Affected : 25%								
Location : Driveway								
Cast in Place Concrete	10%	4+	$3,400	2048	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Driveway								

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%			2035	$65,000	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$300	
Raceway								
Conduit	100%			2035	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	95%			2034	$47,100	5	$300	
Wiring								
Thermoplastic	100%			2035	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Under Construction	100%							

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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
Stand-by Power								
Generators								
Under Construction	100%							
Fuel Storage								
Under Construction	100%							
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$4,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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%			2055	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2052	* *	1	$5,600	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Distribution								
Hot Wtr Piping/Pump	100%			2051	* *	4	$800	
Terminal Devices								
Convector/Radiator	70%	0-2	$3,200	2040	* *	1	$2,300	
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor. Heating Loop In Chief Office Is Not Working								
Fan Coil Unit/Heat	30%			2030	$84,400	1	$1,100	
Controls								
Electrical	100%			2033	$63,100			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : There Is Only One Thermostat In The Building								
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

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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
Air Conditioning								
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%	0-2	$2,500	2040	* *	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Roof. Unit Constantly Break Down								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : 1 Unit. R-410a								
Split Unit	10%	0-2	$26,900	2045	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Roof								
Explanation : 2 Units Are On Extend Working Life Time. R-22								
Window/Wall Unit	30%			2030	$12,900	1		
No Component	40%							
Heat Rejection								
Dry Cooler	10%			2030	$3,100	2	$800	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$4,400	
No Component	30%							
Exhaust Fans								
Interior	40%	0-2	$20,100	2045	* *	2	$100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : No Ventilation In The Bathroom Area. Mold Infestation Evident								
Roof	40%			2035	$8,800	2	$100	
No Component	20%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Lack Of Air Circulation In 2nd Floor And The Bathroom								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	2-4	$7,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 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
Plumbing								
Sump Pump(s)								
Non-Submersible	100%			2035	$2,300	4	$400	
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 20%								
Location : Various Locations. 4 Faucets Broken, Leaking								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Bathroom								
Explanation : Cracked Shower Stall And Floor								
Fire Suppression								
Sprinkler								
No Component	80%							
Generic	20%			2045	* *	1-2	$600	
Chemical System								
Wet	100%			2030	$54,300	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Hood 5 Feet X 12 Feet Which Equals 60 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 52/ LADDER CO. 52**		
Address	: **4550 HENRY HUDSON PARKWAY**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.052 / 13038**	**Yr Built/Renovated**	: **1939 / 1999**
Area Sq Ft	: **7,326**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **30-May-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5813** **Lot** : **123**	**BIN**	: **2084327**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Site Enclosure		$82,600
Total		**$82,600**
Importance Code C		$82,600
Total		**$82,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$96,200			$4,300
Interior Architecture	$93,100	$100	$500	$500
Electrical	$800	$800	$800	$3,500
Mechanical	$4,500	$1,200	$2,000	$52,500
Site Enclosure	$2,200			
Site Pavements	$11,300			
Total	**$208,100**	**$2,100**	**$3,300**	**$60,800**
Importance Code A	$96,900	$700	$700	$5,100
Importance Code B	$55,400	$1,400	$2,600	$55,800
Importance Code C	$55,800			
Total	**$208,100**	**$2,100**	**$3,300**	**$60,800**

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. 52/ LADDER CO. 52
Asset # : 13038

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%	0-2	$34,300	LIFE	* *	5	$20,800	
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Rusting Masonry Supt, Extent : Severe, Area Affected : 5%								
Location : Exterior Facades								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Through Foundation To Basement								
Masonry: Brick	30%			LIFE	* *	5	$10,400	
Masonry: Limestone	5%			LIFE	* *	5	$1,300	
Wood Overhead Doors	5%			2040	* *	5	$8,700	
Windows								
Aluminum	100%	Now	$40,700	2051	* *	5	$1,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Window Lintels At 2nd Floor Shower Room								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor Bunker Room								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : 2nd Floor At Shower Room								
Parapets								
Masonry: Brick	5%			LIFE	* *	5		
Masonry: Limestone	95%			LIFE	* *	5		
Spalling, Extent : Light, Area Affected : 2%								
Location : Left Side Facade At Cornice								
Roof								
Copper/Terne	90%	4+	$20,900	2063	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 1%								
Location : Over 1st Floor Front Bay Window								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Attic Space With Wood Rafters Supporting Roof Have Water Damage								
Roll Roofing	10%	Now	$400	2031	$7,600	5	$1,000	
Scupper Non-Func/Miss, Extent : Severe, Area Affected : 5%								
Location : Roof Edge								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Lower 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
ENGINE CO. 52/ LADDER CO. 52
Asset # : 13038

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	$13,100	
Ceramic Tile	9%			2044	* *	5	$1,100	
Quarry Tile	1%			2048	* *	5	$200	
Terrazzo	5%	0-2	$2,800	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Cracks In Bathroom Floor								
Vinyl Tile	25%	Now	$16,600	2040	* *	3	$1,100	
Worn/Erode, Extent : Severe, Area Affected : 30%								
Location : 2nd Floor Throughout								
Vinyl Tile 9" X 9"	10%	Now	$1,900	2040	* *	3	$500	
Worn/Erode, Extent : Severe, Area Affected : 100%								
Location : Second Floor								
Interior Walls								
Cast in Place Concrete	10%	Now	$7,500	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 3%								
Location : Side Wall And Exercise Area At Cellar								
Ceramic Tile	2%	Now	$1,100	2044	* *	5	$200	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Womens Toilet								
Gypsum Board	2%			LIFE	* *	5	$200	
Masonry: Brick	10%	Now	$7,600	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Cellar								
Spalling, Extent : Moderate, Area Affected : 50%								
Location : Cellar								
Plaster	5%	4+	$1,200	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor At Windows								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Television Room								
Plywood/Hardboard	1%			LIFE	* *			
SGFT/Glazed Masonry	70%	Now	$24,900	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor At Stairwell								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor At Stairwell								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance $ are aggregated over a ten-year period. 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. 52/ LADDER CO. 52
Asset # : 13038

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%			2052	* *	5	$3,400	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Exposed Struc: Steel	30%			LIFE	* *			
Plaster	40%	Now	$27,800	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Apparatus Area, Soda Closet								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Stairwell At 1st Floor								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Stairwell And Apparatus Room								
Site Enclosure								
Fence/Gates								
Wood	100%			2033	$82,600			
Free Standing Walls								
Concrete Masonry Unit	100%	0-2	$2,200	2055	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 2%								
Location : Front Of Site								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
Parking/Driveway								
Asphalt	80%	Now	$11,300	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Edges On Parking Area And Throughout								
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Access Door To Basement								
Explanation : Water Penetration								
Cast in Place Concrete	20%			2048	* *			

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%			2055	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$200	
Raceway								
Conduit	100%			2055	* *	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. 52/ LADDER CO. 52
Asset # : 13038

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								
Fused Disc Sw	5%			2051	* *	5		
Molded Case Bkrs	95%			2051	* *	5	$200	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2052	* *	1	$2,300	
Generators								
Diesel	100%			2048	* *	1	$2,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 60 Kilowatts								
Batteries								
Lead/Acid	100%			2030	$2,500	5	$300	
Fuel Storage								
Main Tank	100%			2070	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : 275 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
LED	10%			2040	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$2,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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.
Maintenance $ are aggregated over a ten-year period. 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. 52/ LADDER CO. 52
Asset # : 13038

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%			2055	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$7,300	
Distribution								
Central Plant Steam Piping/Pmp	100%			2045	* *	4	$400	
Terminal Devices								
Convector/Radiator	100%			2040	* *	1	$2,400	
Controls								
Electrical	100%			2033	$40,700			
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Split Unit	10%			2040	* *			
Window/Wall Unit	80%	0-2	$2,200	2030	$22,200	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. 10 Percent Of Window Air Condition Units Are Not Working								
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Includes Make Up Air								
Exhaust Fans								
Interior	90%			2030	$29,200	2	$200	
Roof	10%			2035	$1,400	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	1		
Water Heater With Tanks								
Electric	100%			2033	$23,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Units Undersized For The Building								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$1,300	LIFE	* *	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Basement. Broken Drain Piping And House Trap At Basement								
Other Observation, Extent : Light, Area Affected : 20%								
Location : 1st Floor								
Explanation : Report Of Backup Every 3 Months In 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. 52/ LADDER CO. 52
Asset # : 13038

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%	0-2		2029	$200	4	$200	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Basement. Sump Pump Not Working								
Sewage Ejector(s)								
Electric	100%			2040	* *	4	$400	
Backflow Preventer								
Generic	100%			2040	* *	1	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Piped Up From Basement								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 53 (COMBINED FACILITY) 23RD PCT.**		
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	: **11-Oct-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1629** **Lot** : **40**	**BIN**	: **1051850**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$81,000	
Mechanical	$177,400	$59,200
Total	**$258,500**	**$59,200**
Importance Code A	$81,000	
Importance Code B	$177,400	$59,200
Total	**$258,500**	**$59,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$56,900	$4,800		$12,700
Interior Architecture	$16,000	$2,600	$600	$3,200
Electrical			$100	$1,300
Mechanical	$4,900	$14,000	$3,300	$73,800
Site Pavements	$8,800			
Total	**$86,600**	**$21,400**	**$4,000**	**$91,000**
Importance Code A	$58,000	$5,900	$1,100	$13,800
Importance Code B	$28,600	$15,300	$2,600	$77,200
Importance Code C		$200	$300	
Total	**$86,600**	**$21,400**	**$4,000**	**$91,000**

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) 23RD PCT.
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 Cavity	80%			LIFE	* *	5	$8,800	
Pre-cast Concrete	10%	2-4	$24,000	LIFE	* *	5	$3,600	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Front Facade On Third Avenue								
Staining/Discoloring, Extent : Severe, Area Affected : 75%								
Location : Front Facade On Third Avenue								
Wood Overhead Doors	10%			2048	* *	5	$5,500	
Windows								
Aluminum	100%	Now	$81,000	2060	* *	5	$900	
Air Infiltration, Extent : Moderate, Area Affected : 20%								
Location : Third Avenue Facade								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 40%								
Location : Third Avenue Facade								
Hardware Missing, Extent : Moderate, Area Affected : 5%								
Location : Various Locations. Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Old Windows								
Parapets								
Masonry: Brick Cavity	85%	0-2	$30,700	LIFE	* *	5	$1,500	
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Various Spots								
Pre-cast Concrete	15%	0-2	$2,200	LIFE	* *	5	$1,700	1
Miss/Damaged Copings, Extent : Severe, Area Affected : 30%								
Location : Third Avenue Side								
Caulking Deteriorated, Extent : Severe, Area Affected : 40%								
Location : Third Avenue Side								
Roof								
Modified Bitumen	100%			2040	* *	10	$12,700	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : South Portion								
Soffits								
Stucco Cement	100%			2048	* *	5	$4,100	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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) 23RD PCT.

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								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	$15,700	
Ceramic Tile	2%	Now	$7,200	2048	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Toilet								
Worn/Erode, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor								
Ceramic Tile	3%			2044	* *	5	$500	
Quarry Tile	5%			2048	* *	5	$1,200	
Vinyl Tile	40%			2043	* *	3	$2,400	
Vinyl Tile	5%	Now	$8,800	2043	* *	3	$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Office Door Threshold, Other Areas								
Interior Walls								
Ceramic Tile	3%			2044	* *	5	$600	
Ceramic Tile	2%			2038	* *	5	$400	
Concrete Masonry Unit	20%			LIFE	* *	5	$1,700	
Gypsum Board	15%			LIFE	* *	5	$1,900	
Plaster	25%			LIFE	* *	5	$1,600	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	10%			2048	* *	5	$2,000	
AcousTileSusp.Lay-In	40%			2040	* *	5	$6,300	
Exposed Struc: Concrete	50%			LIFE	* *	5	$1,200	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	80%			2048	* *			
Cast in Place Concrete	20%	0-2	$8,800	2052	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Third Avenue 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								
Raceway								
Conduit	80%			2035	$29,500	1		
Conduit	20%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	30%			2051	* *	5	$100	
Molded Case Bkrs	65%			2034	$32,300	5	$200	
Wiring								
Thermoplastic	70%			2035	$23,300	1		
Thermoplastic	30%			2055	* *	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. 53 (COMBINED FACILITY) 23RD PCT.
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
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$1,300	
Exit, LED	50%			2063	* *	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Of Adjacent Building Which Is The Police Station								
Explanation : The Heating Source Is From The Adjacent Building Which Is The Police Station								
Conversion Equipment								
Steam Boiler	100%			2040	* *	1	$10,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Of Adjacent Building Which Is The Police Station								
Explanation : The Heating Source Is From The Adjacent Building Which Is The Police Station								
Distribution								
Hot Wtr Piping/Pump	50%			2043	* *	4	$400	
Hot Wtr Piping/Pump	50%	0-2	$2,300	2043	* *	4	$300	
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Throughout. No Zoning And Seperate Temperature Control								
Terminal Devices								
Convector/Radiator	40%			2040	* *	1	$1,400	
Unit Heater - Steam	40%			2030	$24,200	4	$400	
No Component	20%							
Controls								
Electrical	100%	0-2	$59,200	2035	$59,200			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout. Defective Temperature Controls								
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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) 23RD PCT.

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
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2035	$47,100	1	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Air Conditioning Comes From The Adjacent Building Which Is The Police Station								
Window/Wall Unit	30%			2028	$12,100	1		
No Component	40%							
Terminal Devices								
Air Handler/Cool/Ht	30%			2030	$37,200	1	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Adjacent Police								
Explanation : Air Conditioning Comes From The Adjacent Building Which Is The Police Station								
No Component	70%							
Heat Rejection								
Water Cooling Tower	30%			2039	* *	2	$3,200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Roof Of Adjacent Building								
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,900	
Exhaust Fans								
Roof	50%			2030	$10,300	2	$200	
Roof	10%			2040	* *	2		
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Electric	100%			2030	$118,200	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Two 120 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2035	$4,800	1	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Police Department								
Explanation : In Adjacent Police Department								
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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FIRE DEPARTMENT - 057
ENGINE CO. 53 (COMBINED FACILITY) 23RD PCT.
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
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2045	* *	1-2	$300	
Fire Pump								
Generic	100%			2038	* *	1	$2,000	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : In Adjacent Police Department							
	Explanation : In Adjacent Police Department							

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.*

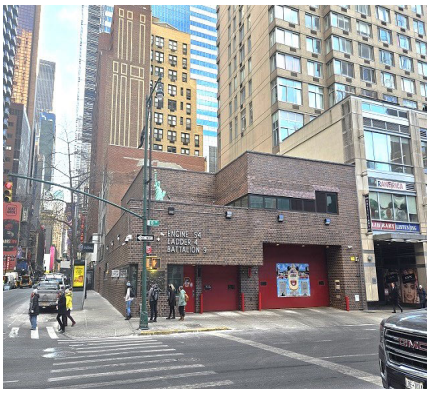
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 54/ LADDER CO 4/ BATTALION 9**		
Address	: **782 EIGHTH AVENUE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.054 / 13044**	**Yr Built/Renovated**	: **1974 /**
Area Sq Ft	: **9,448**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **28-Jan-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1019** **Lot** : **61**	**BIN**	: **1024767**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$59,600	$93,200
Electrical		$65,000
Mechanical	$58,100	$261,800
Total	**$117,700**	**$420,000**
Importance Code B	$117,700	$420,000
Total	**$117,700**	**$420,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$58,300		$2,400	
Interior Architecture	$28,600		$3,500	$900
Electrical	$3,900	$1,000	$3,500	$1,100
Mechanical	$21,500	$3,600	$4,000	$3,300
Site Enclosure	$2,600			
Total	**$114,800**	**$4,600**	**$13,300**	**$5,300**
Importance Code A	$58,800	$500	$2,800	$500
Importance Code B	$48,900	$4,100	$10,500	$4,600
Importance Code C	$7,200			$300
Total	**$114,800**	**$4,600**	**$13,300**	**$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
ENGINE CO. 54/ LADDER CO 4/ BATTALION 9
Asset # : 13044

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	10%			2046	* *	10	$500	
Masonry: Brick	80%	2-4	$49,800	LIFE	* *	5	$12,100	
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Various Locations. Throughout								
Metal Sect. OHD	10%			2049	* *	5	$4,700	
Windows								
Aluminum	90%			2052	* *	5	$400	
Aluminum	10%			2052	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Battalion Office								
Explanation : Three Windows Are Vinyl Replacement Windows								
Parapets								
Masonry: Brick	90%	Now	$7,600	LIFE	* *	5	$1,200	
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Various Locations. Throughout								
Masonry: Brownstone	8%	Now	$800	LIFE	* *	5	$300	
Misaligned/Bulging, Extent : Severe, Area Affected : 15%								
Location : Front Facade Coping Stones								
Metal Panel	2%			2056	* *	5	$100	
Roof								
Modified Bitumen	100%			2041	* *	10	$9,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Roof Area								
Soffits								
Metal Panel	100%			2056	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	50%	Now	$59,600	LIFE	* *	5	$15,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Apparatus Floor								
Ceramic Tile	10%			2049	* *	5	$1,400	
Recent Replace Evident, Extent : N/A, Area Affected : 15%								
Location : Bathrooms								
Quarry Tile	5%			2041	* *	5	$1,100	
Vinyl Tile	35%	Now	$6,800	2041	* *	3	$1,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Various Locations. 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

ENGINE CO. 54/ LADDER CO 4/ BATTALION 9

Asset # : 13044

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%			2045	* *	5	$500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Bathrooms								
Concrete Masonry Unit	47%			LIFE	* *	5	$3,900	
Gypsum Board	3%			LIFE	* *	5-10	$500	
Plaster	10%	0-2	$500	LIFE	* *	5	$300	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 2%								
Location : Kitchen								
SGFT/Glazed Masonry	35%			LIFE	* *	10	$1,800	
Ceilings								
AcousTileSusp.Lay-In	40%			2034	$93,200	5	$5,600	
Exposed Struc: Concrete	30%	0-2	$12,600	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 3%								
Location : Southeast Corner Of Basement								
Plaster	30%			LIFE	* *	5-10	$7,200	
Site Enclosure								
Fence/Gates								
Masonry: Brick	100%			2056	* *			
Free Standing Walls								
Masonry: Brick	100%	Now	$2,600	2056	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Side Yard								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Side Yard								
Retaining Walls								
Concrete Masonry Unit	100%			2056	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2049	* *			
Activity Yard								
Cast in Place Concrete	100%			2049	* *			

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$65,000	5	$200	

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

FIRE DEPARTMENT - 057

ENGINE CO. 54/ LADDER CO 4/ BATTALION 9

Asset # : 13044

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%			2036	$33,100	1		
Conduit	10%			2046	* *	1		
Panelboards								
Fused Disc Sw	4%			2035	$2,000	5		
Fused Disc Sw	1%			2044	* *	5		
Molded Case Bkrs	65%			2035	$32,300	5	$200	
Molded Case Bkrs	30%			2044	* *	5	$100	
Wiring								
Thermoplastic	70%			2036	$23,300	1		
Thermoplastic	30%			2046	* *	1		
Motor Controllers								
Locally Mounted	30%			2034	$5,500	5		
Locally Mounted	70%			2041	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$2,900	
Generators								
Diesel	100%			2039	* *	1	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Backyard								
Explanation : Emergency Generator Rated At 80 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$400	
Fuel Storage								
Day Tank	6%			2044	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Backyard								
Explanation : 60 Gallons Rated Capacity								
Main Tank	94%			2051	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Underground								
Explanation : 1,000 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Service	100%			2041	* *	1		
Exterior Lighting								
LED	5%			2041	* *			
LED	5%	Now	$2,500	2046	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Front Of The Building								
No Component	90%							

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. 54/ LADDER CO 4/ BATTALION 9

Asset # : 13044

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								
Generic	100%			2041	* *	1	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : CCTV Surveillance Cameras								

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%			2049	* *	1	$4,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : One Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2044	* *	4	$700	
Terminal Devices								
Convector/Radiator	70%			2041	* *	1	$2,100	
Unit Heater - Hot Water	30%			2041	* *			
Controls								
Electrical	100%			2031	$52,500			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Split Unit	50%	Now	$11,200	2036	$112,200			
Broken, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Locker Room								
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2nd Floor								
Window/Wall Unit	20%			2031	$7,200	1		
No Component	30%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Garage								
Explanation : Location Noted								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$8,300	
Exhaust Fans								
Roof	100%			2036	$18,300	2	$300	
Plumbing								

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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. 54/ LADDER CO 4/ BATTALION 9
Asset # : 13044

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	80%			2036	$97,100	1		
Galvanized Steel	20%			2034	$24,100	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : Two Units, 75mbh 74 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2046	* *	1-2	$800	
Chemical System								
Generic	100%			2029	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : One 50 Square Foot Hood								

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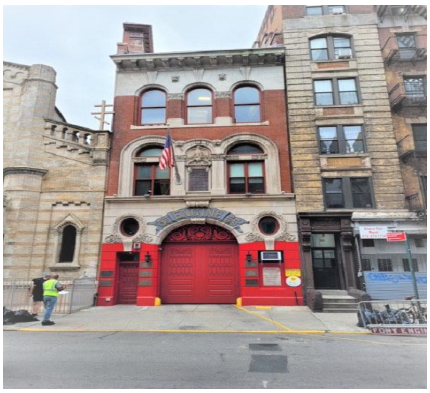
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 55**		
Address	: **363 BROOME STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.055 / 13045**	**Yr Built/Renovated**	: **1898 / 1998**
Area Sq Ft	: **7,363**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **12-Oct-2021**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,Ph**		
Block	: **470** **Lot** : **12**	**BIN**	: **1066722**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$128,900	
Electrical		$111,500
Mechanical		$59,400
Total	**$128,900**	**$171,000**
Importance Code B	$71,900	$171,000
Importance Code C	$57,000	
Total	**$128,900**	**$171,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture		$800	$1,100	$4,600
Interior Architecture	$8,500			$2,500
Electrical	$3,600	$1,300	$800	$800
Mechanical	$3,800	$3,500	$4,700	$3,500
Total	**$15,900**	**$5,600**	**$6,600**	**$11,400**
Importance Code A	$700	$1,600	$1,900	$5,400
Importance Code B	$10,300	$4,000	$4,800	$6,100
Importance Code C	$4,900			
Total	**$15,900**	**$5,600**	**$6,600**	**$11,400**



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. 55
Asset # : 13045

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	$6,600	
Masonry: Limestone	73%			LIFE	* *	5	$18,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Metal Sect. OHD	7%			2046	* *	5	$7,200	
Windows								
Aluminum	50%			2055	* *	5	$800	
Wood	50%			2055	* *	5	$8,400	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$2,300	
Masonry: Sandstone	10%			LIFE	* *	5	$300	
Roof								
Copper/Terne	5%			2068	* *	10	$800	
Modified Bitumen	90%			2041	* *	10	$6,100	
Skylight, Metal/Glass	5%			2059	* *	10	$1,100	
Water Penetration, Extent : Moderate, Area Affected : 50%								
Location : First Story Skylight At Rear Of Building. When It Rains Only.								
Interior								
Floors								
Cast in Place Concrete	35%	Now	$71,900	LIFE	* *	5	$8,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Ceramic Tile	5%			2046	* *	5	$600	
Wood	60%			2061	* *	5	$12,400	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$400	
Gypsum Board	45%			LIFE	* *	5	$4,900	
Masonry: Brick	15%	Now	$57,000	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Basement								
Plaster	10%	Now	$4,900	LIFE	* *	5	$500	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Third Floor Facade Window At Stairway								
SGFT/Glazed Masonry	20%			LIFE	* *			
Wood	5%			LIFE	* *	5	$3,600	

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FIRE DEPARTMENT - 057
ENGINE CO. 55
Asset # : 13045

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%			2050	* *	5	$5,000	
Ceramic Tile	25%			LIFE	* *	5	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Apparatus Bay								
Explanation : Glazed Masonry Vaulted Ceiling								
Embossed Metal	10%	Now	$3,600	LIFE	* *	5	$500	
Corrosion/Rusting, Extent : Severe, Area Affected : 5%								
Location : Stairway Leading Up To Fourth Floor								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Stairway Leading Up To Fourth Floor								
Exposed Struc: Steel	15%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$700	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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 Electrical Section								
Explanation : The Service Equipment Consists Of A 200 Ampere Switch With 200 Ampere Fuse Switch Which Is In Good Condition.								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$200	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								

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FIRE DEPARTMENT - 057
ENGINE CO. 55
Asset # : 13045

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	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electrical Section								
Explanation : The Transfer Switch Is A 200 Ampere, 4 Pole Switch And It Is In Good Condition.								
Generators								
Diesel	100%			2036	$111,500	1	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Interior								
Explanation : The Size Of The Generator Is 60 Kilowatt, 75 Kilovolt Ampere, 208/120 Volts, 3 Phase. It Is In Good Condition.								
Batteries								
Lead/Acid	100%			2027	$2,700	5	$300	
Fuel Storage								
Day Tank	15%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Day Tank Is A 75 Gallon Stand Alone Tank.								
Main Tank	85%			2048	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Main Tank Is A 550 Gallon Diesel Main Fuel Tank.								
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Service	25%			2041	* *	1		
Emergency, Battery	25%			2038	* *	10	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Path Of Egress. Stairs And Hallways								
Explanation : The Emergency Lights Are Battery Operated Emergency Lights.								
Exit, LED	50%			2068	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior And One Interior At The Entrance Gate								
Explanation : Surveillance Cameras 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

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FIRE DEPARTMENT - 057
ENGINE CO. 55
Asset # : 13045

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%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$7,300	
Distribution								
Central Plant Steam Piping/Pmp	100%			2053	* *	4	$400	
Terminal Devices								
Convector/Radiator	100%			2046	* *	1	$2,400	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2038	* *	2	$100	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Split Unit	70%			2041	* *			
No Component	10%							
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$1,900	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement To Roof								
Explanation : Includes Make Up Air And Exhaust For Generator								
Exhaust Fans								
Interior	25%			2033	$8,900	2	$100	
Roof	70%			2038	* *	2	$200	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Kitchen								
Explanation : Kitchen Exhaust								
No Component	5%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$37,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 55
Asset # : 13045

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%			2027	$200	4	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Units In 2 Locations								
Backflow Preventer								
No Component	95%							
Generic	5%			2038	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	100%			2033	$59,400	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Kitchen								
Explanation : Ansul System, Kitchen Hood Covers 18 Square Feet (3x6).								

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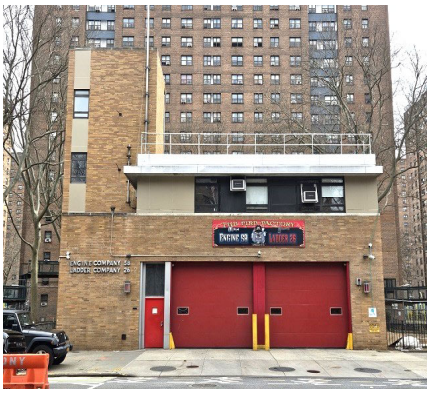
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 58/ LADDER CO. 26**		
Address	: **1367 FIFTH AVENUE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.058 / 13046**	**Yr Built/Renovated**	: **1960 /**
Area Sq Ft	: **8,100**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **20-Feb-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1618** **Lot** : **1**	**BIN**	: **1080501**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical		$65,000
Mechanical	$58,100	
Total	**$58,100**	**$65,000**
Importance Code B	$58,100	$65,000
Total	**$58,100**	**$65,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$52,700		$5,600	
Interior Architecture	$62,200		$700	
Electrical	$1,200			
Mechanical	$16,200	$3,100	$4,000	$3,100
Site Enclosure	$2,700			
Site Pavements	$500			
Total	**$135,400**	**$3,100**	**$10,300**	**$3,100**
Importance Code A	$53,100	$400	$6,000	$400
Importance Code B	$61,100	$2,700	$4,300	$2,700
Importance Code C	$21,200			
Total	**$135,400**	**$3,100**	**$10,300**	**$3,100**



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FIRE DEPARTMENT - 057
ENGINE CO. 58/ LADDER CO. 26
Asset # : 13046

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	$27,700	LIFE	* *	5	$16,800	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : Facades								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Various Locations								
Metal Panel	10%			2056	* *	5-10	$14,400	
Metal Sect. OHD	10%			2049	* *	5	$6,600	
Windows								
Aluminum	100%	Now	$2,500	2052	* *	5	$300	
Air Infiltration, Extent : Moderate, Area Affected : 10%								
Location : First Floor Watch Room, Stair Tower								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : First Floor Watch Room								
Parapets								
Masonry: Brick	70%	0-2	$18,700	LIFE	* *	5	$1,500	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : All Throughout Parapets								
Metal Rail	10%			2049	* *	5-10	$3,800	
Pre-cast Concrete	10%			LIFE	* *	5	$2,700	
No Component	10%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Front Facade								
Explanation : No Parapet With Steel Guardrail								
Roof								
Asphalt Shingle	10%			2045	* *	10	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard								
Explanation : Shed Roof Above Barbeque Area								
Modified Bitumen	85%	Now	$2,500	2041	* *			
Seams Open/Split, Extent : Severe, Area Affected : 2%								
Location : Near Base Of Parapet Wall								
Plaza Roof: Stone Panels	5%			2046	* *			
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 58/ LADDER CO. 26
Asset # : 13046

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	43%	2-4	$8,900	LIFE	* *	5	$11,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Apparatus Area								
Ceramic Tile	10%	Now	$13,700	2045	* *	5	$600	
Worn/Erode, Extent : Severe, Area Affected : 40%								
Location : 2nd Floor Bathrooms And Shower								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Shower								
Explanation : Shower Leaks Causing Mold								
Quarry Tile	5%			2049	* *	5	$900	
Sheet Vinyl/Rubber	40%			2041	* *	5	$7,300	
Wood	2%			2064	* *	5	$500	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$1,000	
Ceramic Tile	5%	Now	$6,700	2045	* *	5	$200	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Bathrooms And Showers 2nd Floor								
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Toilets And Showers 2nd Floor								
Worn/Erode, Extent : Severe, Area Affected : 20%								
Location : 2nd Floor Bathrooms And Shower								
Concrete Masonry Unit	15%	Now	$2,300	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Masonry: Brick	5%			LIFE	* *	10	$100	
Painted Surfaces, Extent : Moderate, Area Affected : 60%								
Location : Various Locations								
Plaster	30%	Now	$1,200	LIFE	* *	5	$700	
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Stair								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Throughout 2nd Floor								
Explanation : Wall Base Delaminating								
SGFT/Glazed Masonry	35%	Now	$5,100	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout 1st Floor								
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Apparatus Room								
Wood	5%			LIFE	* *	5	$3,200	

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FIRE DEPARTMENT - 057
ENGINE CO. 58/ LADDER CO. 26
Asset # : 13046

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%	2-4	$600	2049	* *	5	$900	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Kitchen, Dining Area								
Exposed Struc: Concrete	30%	2-4	$10,900	LIFE	* *	5	$600	
Exposed Reinforcement, Extent : Light, Area Affected : 10%								
Location : Basement								
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Exposed Struc: Wood	10%			LIFE	* *	10	$1,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Yard								
Explanation : Shed Roof Over Activity Barbeque Area								
Plaster	45%	0-2	$8,300	LIFE	* *	5	$3,400	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : 2nd Floor Showers, Various Locations								
Site Enclosure								
Fence/Gates								
Chain Link	100%	2-4	$2,700	2056	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Rear Yard								
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Rear Yard								
Explanation : Wood Slats At Chain Link								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
On-Site Walkways								
Cast in Place Concrete	100%	Now	$500	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Rear Yard And Side Walkways								
Parking/Driveway								
Cast in Place Concrete	100%			2049	* *			
Activity Yard								
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%			2036	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								

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FIRE DEPARTMENT - 057
ENGINE CO. 58/ LADDER CO. 26
Asset # : 13046

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%			2036	$65,000	5		
Raceway								
Conduit	80%			2036	$29,500	1		
Conduit	20%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	85%			2052	* *	5	$200	
Molded Case Bkrs	10%			2035	$5,000	5		
Wiring								
Braided Cloth	20%			2035	$6,700	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Insulation Aged								
Thermoplastic	60%			2036	$20,000	1		
Thermoplastic	20%			2036	$6,700	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Incandescent	5%			2031	$5,000	2		
LED	95%			2044	* *			
Egress Lighting								
Emergency, Battery	50%			2031	$6,800	10	$1,000	
Exit, Service	50%			2031	$1,700	1		
Exterior Lighting								
LED	20%			2044	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2062	* *	1		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement. Boiler Room								

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FIRE DEPARTMENT - 057
ENGINE CO. 58/ LADDER CO. 26
Asset # : 13046

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%			2053	* *	1	$4,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement. Boiler Room								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement. Boiler Room								
Explanation : One Unit								
Distribution								
Hot Wtr Piping/Pump	10%			2058	* *	4		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement. Boiler Room								
Hot Wtr Piping/Pump	90%			2035	$15,900	4	$500	
Terminal Devices								
Convector/Radiator	70%			2034	$46,400	1	$1,800	
Unit Heater - Hot Water	30%			2031	$14,400			
Controls								
Electrical	100%			2035	$45,000			
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement. Boiler Room								
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Window/Wall Unit	20%	Now	$6,100	2036	$6,100	1		
Broken, Extent : Severe, Area Affected : 100%								
Location : Locker Room, Break Room, Toilet Room, House Watch Room								
Window/Wall Unit	50%			2031	$15,300	1		
No Component	30%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Garage								
Explanation : Location Noted								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,100	
Exhaust Fans								
Interior	30%			2031	$10,800	2	$100	
Roof	55%			2031	$8,600	2	$100	
Wall Unit	15%			2031	$500	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement. Boiler Room								
Explanation : Two Units, 75mbh 74 Gallons								

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FIRE DEPARTMENT - 057
ENGINE CO. 58/ LADDER CO. 26
Asset # : 13046

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		
Sump Pump(s)								
Submersible	100%			2029	$200	4	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2029	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : One 15 Square Foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 59/ LADDER CO. 30**		
Address	: **111 WEST 133rd STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.059 / 13047**	**Yr Built/Renovated**	: **1962 /**
Area Sq Ft	: **8,480**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **23-Apr-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1918** **Lot** : **24**	**BIN**	: **1058225**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$131,100	$123,600
Electrical		$101,800
Mechanical		$58,100
Total	**$131,100**	**$283,500**
Importance Code A	$131,100	$123,600
Importance Code B		$160,000
Total	**$131,100**	**$283,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$38,600			
Interior Architecture	$52,700		$500	$1,600
Electrical	$6,800	$600	$600	$700
Mechanical	$10,100	$3,400	$7,300	$3,200
Site Enclosure	$28,400			
Site Pavements	$19,800			
Total	**$156,300**	**$4,000**	**$8,400**	**$5,500**
Importance Code A	$39,000	$400	$400	$400
Importance Code B	$41,500	$3,500	$8,000	$4,200
Importance Code C	$75,800			$900
Total	**$156,300**	**$4,000**	**$8,400**	**$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. 59/ LADDER CO. 30
Asset # : 13047

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	5%	Now	$2,700	LIFE	* *	5	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout Rear								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Rear								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Throughout Rear								
Masonry: Brick	80%	Now	$131,100	LIFE	* *	5	$15,900	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Stair Tower								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Metal Panel	5%			2046	* *	5-10	$6,800	
Metal Sect. OHD	10%	2-4	$3,600	2049	* *	5	$3,100	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : South Side								
Windows								
Aluminum	100%	Now	$2,400	2052	* *	5	$200	
Air Infiltration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement Areaway, Stair Tower								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Dining Room								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Masonry: Brick	25%			LIFE	* *	5-10	$2,200	
Paint Peeling, Extent : Light, Area Affected : 50%								
Location : Throughout								
Metal Cornice	5%	Now	$300	2064	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parapet								
Explanation : Metal Coping								
Metal Rail	70%	Now	$3,000	2049	* *	5	$6,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Front Facade. 2 Panels Are Broken								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Front Facade								
Explanation : Impact Damage								

Note : 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. 59/ LADDER CO. 30
Asset # : 13047

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								
Asphalt Shingle	5%			2045	* *	10	$100	
Modified Bitumen	95%	Now	$24,700	2036	$123,600			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	40%	0-2	$8,600	LIFE	* *	5	$11,100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	10%			2045	* *	5	$1,300	
Quarry Tile	5%			2049	* *	5	$1,000	
Worn/Erode, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Sheet Vinyl/Rubber	35%			2041	* *	5	$6,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Second Floor								
Explanation : Rubber Tile								
Vinyl Tile	5%	Now	$900	2041	* *	3	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : House Watch								
Worn/Erode, Extent : Severe, Area Affected : 10%								
Location : House Watch								
Wood	5%	Now	$1,900	2064	* *	5	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement Television Room								
Interior Walls								
Ceramic Tile	10%			2045	* *	5	$1,700	
Gypsum Board	5%			LIFE	* *	5-10	$1,500	
Plaster	45%	Now	$3,800	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Second Floor Janitor's Closet								
Plywood/Hardboard	5%			LIFE	* *	10	$100	
SGFT/Glazed Masonry	35%	4+	$27,500	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : First Floor Main 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.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

FIRE DEPARTMENT - 057
ENGINE CO. 59/ LADDER CO. 30
Asset # : 13047

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%	0-2	$400	2041	* *	5	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Exposed Struc: Concrete	25%			LIFE	* *	5-10	$4,000	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Plaster	65%	Now	$5,000	LIFE	* *	5	$5,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Second Floor								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Second Floor								
Site Enclosure								
Fence/Gates								
Chain Link	98%	Now	$27,200	2066	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Side Yard								
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Side Yard, Rear Yard								
Impact Damage, Extent : Severe, Area Affected : 10%								
Location : Side Yard								
Iron Picket	2%			2056	* *			
Deteriorated Finish, Extent : Light, Area Affected : 25%								
Location : Throughout								
Free Standing Walls								
Masonry: Brick	100%	0-2	$1,200	2046	* *			
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 15%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$3,400	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Front								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$300	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Rear And Side Yards								

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. 59/ LADDER CO. 30
Asset # : 13047

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	100%	Now	$14,800	2045	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Side Yard And Edge Of Property								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Side Yard								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Side Yard								
Activity Yard								
Cast in Place Concrete	100%	0-2	$1,300	2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Rear Yard								

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2036	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	95%			2035	$47,100	5	$200	
Wiring								
Thermoplastic	100%			2036	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2034	$13,200	1	$2,600	
Generators								
Diesel	100%			2032	$101,800	1	$3,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : One 60 Kilovolt Ampere								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$300	

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. 59/ LADDER CO. 30
Asset # : 13047

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	10%			2058	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Located Outside								
Explanation : One 60 Gallon								
Main Tank	90%			2039	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallon								
Lighting								
Interior Lighting								
Fluorescent	45%			2031	$33,100	10	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : T-8 Lamps								
LED	55%			2041	* *			
Egress Lighting								
Emergency, Service	20%			2031	$1,000	1		
Emergency, Service	40%			2041	* *	1		
Exit, LED	30%			2064	* *	1		
Exit, Service	10%			2031	$400	1		
Exterior Lighting								
LED	10%			2044	* *			
No Component	90%							

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								
Furnace	5%			2036	$1,300	1	$200	
Hot Water Boiler	95%			2049	* *	1	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Gasoline Fired Sectional Hot Water Boiler								
Distribution								
Hot Wtr Piping/Pump	100%			2052	* *	4	$600	
Terminal Devices								
Convector/Radiator	90%			2041	* *	1	$2,500	
Unit Heater - Hot Water	10%			2031	$5,000			
Controls								
Electrical	100%			2034	$47,100			
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
ENGINE CO. 59/ LADDER CO. 30
Asset # : 13047

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%			2052	* *	1		
Conversion Equipment								
Split Unit	75%			2041	* *			
Window/Wall Unit	10%			2029	$3,200	1		
No Component	15%							
Terminal Devices								
Air Handler/Dir Expansion	75%			2041	* *	1		
No Component	25%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,500	
Exhaust Fans								
Interior	20%			2031	$7,500	2	$100	
Roof	80%			2041	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2029	$300	4	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2031	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 1%								
Location : First Floor Kitchen								
Explanation : 1 Unit Fire Suppression System On Hood 5 Feet X 6 Feet Which Equals 30 Square Feet								

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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 6**		
Address	: **49 BEEKMAN STREET BTWN WILLIAM ST. - GOLD ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.006 / 13005**	**Yr Built/Renovated**	: **1904 / 2005**
Area Sq Ft	: **5,001**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **24-Apr-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **93** **Lot** : **30**	**BIN**	: **1001287**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$83,200	
Mechanical		$54,300
Total	**$83,200**	**$54,300**
Importance Code A	$83,200	
Importance Code B		$54,300
Total	**$83,200**	**$54,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture		$2,800		$7,000
Interior Architecture	$8,100	$1,000	$1,700	$300
Electrical	$500	$600	$3,100	$600
Mechanical	$17,200	$3,100	$4,900	$30,900
Total	**$25,900**	**$7,500**	**$9,800**	**$38,700**
Importance Code A	$200	$3,100	$200	$7,200
Importance Code B	$25,600	$4,400	$8,100	$31,500
Importance Code C			$1,400	
Total	**$25,900**	**$7,500**	**$9,800**	**$38,700**

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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FIRE DEPARTMENT - 057
ENGINE CO. 6
Asset # : 13005

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%	0-2	$83,200	LIFE	* *	5	$10,100	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Front Facade								
Masonry: Limestone	50%			LIFE	* *	5	$9,500	
Staining/Discoloring, Extent : Light, Area Affected : 2%								
Location : Front Facade								
Metal Panel	3%			2055	* *	5-10	$5,200	
Metal Sect. OHD	5%			2048	* *	5	$3,900	
Granite Panels	2%			LIFE	* *	5	$400	
Windows								
Aluminum	100%			2051	* *	5	$1,400	
Parapets								
Copper/Terne	5%			2055	* *	5	$400	
Masonry: Brick	80%			LIFE	* *	5	$1,200	
Metal Rail	5%			2048	* *	5-10	$1,400	
Pre-cast Concrete	10%			LIFE	* *	5	$1,000	
Roof								
Modified Bitumen	98%			2040	* *	10	$5,300	
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Roof Area								
Explanation : Asphalt Blocks								
Skylight, Metal/Glass	2%			2045	* *	10	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lower Roof								
Explanation : Rear Area								
Interior								
Floors								
Cast in Place Concrete	25%	4+	$3,200	LIFE	* *	5	$4,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Apparatus Area								
Ceramic Tile	10%			2044	* *	5	$700	
Panel/Paver: Cer/Brk	5%			2043	* *	5	$800	
Sheet Vinyl/Rubber	5%			2035	$24,500	5	$600	
Wood	55%	4+	$4,900	2063	* *	5	$3,900	
Worn/Erode, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor								
Interior Walls								
Ceramic Tile	20%			2044	* *	5	$2,700	
Concrete Masonry Unit	20%			LIFE	* *	5	$1,100	
Gypsum Board	40%			LIFE	* *	5	$3,300	
SGFT/Glazed Masonry	20%			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. 6
Asset # : 13005

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%			2048	* *	5	$1,100	
Embossed Metal	5%			LIFE	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Second Floor								
Explanation : Kitchen Area								
Exposed Struc: Concrete	25%			LIFE	* *	5	$300	
Exposed Struc: Steel	25%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Metal Decking And Steel Beams With Fireproofing								
Gypsum Board	30%			LIFE	* *	5	$2,800	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			

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%			2055	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5		
Raceway								
Conduit	100%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2051	* *	5		
Molded Case Bkrs	95%			2051	* *	5	$100	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Gasoline Meter Room								
Explanation : Water Main Pipe Connected To Ground								
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$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
ENGINE CO. 6
Asset # : 13005

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%			2044	* *	1	$1,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 61 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$200	
Fuel Storage								
Main Tank	100%			2063	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallons								
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside Only								
Explanation : CCTV 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								
Natural Gas	100%			2055	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2048	* *	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	80%			2051	* *	4	$300	
Hot Wtr Piping/Pump	20%			2051	* *	4	$100	
Terminal Devices								
Convector/Radiator	80%			2048	* *	1	$1,300	
Unit Heater - Steam	20%			2040	* *	4	$100	

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

FIRE DEPARTMENT - 057
ENGINE CO. 6
Asset # : 13005

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								
Controls								
Electrical	100%	2-4	$13,900	2030	$27,800			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout. Unable To Control Temperature Leading To Insufficient Heat. Heating Is Centrally Controlled By 9 Metrotech Building. Dedicated In House Controller Needed.								
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%			2040	* *	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	10%			2033	$1,900	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$6,500	
Ventilation								
Exhaust Fans								
Interior	40%			2040	* *	2	$100	
Interior	10%			2040	* *	2		
Roof	10%	Now	$100	2035	$1,000	2		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Women Bathroom. Bathroom Exhaust Fan Is Not Working								
Roof	40%			2035	$3,900	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units 74 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2029	$200	4	$100	
Backflow Preventer								
Generic	100%			2040	* *	1	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2055	* *	1-2	$1,400	

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.*

FIRE DEPARTMENT - 057
ENGINE CO. 6
Asset # : 13005

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								
Wet	100%			2033	$54,300	1-10	$29,000	

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

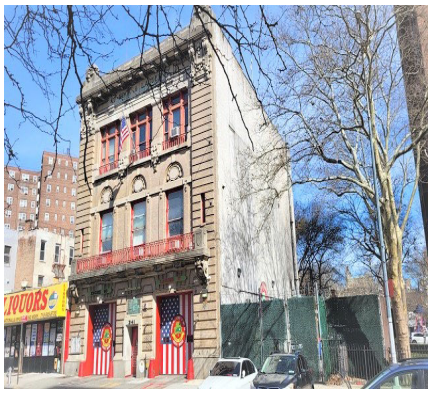
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **08-Mar-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2306** **Lot** : **52**	**BIN**	: **2000656**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$397,700	
Interior Architecture	$132,700	
Electrical	$4,900	
Mechanical	$120,700	
Total	**$655,900**	
Importance Code A	$397,700	
Importance Code B	$188,800	
Importance Code C	$69,400	
Total	**$655,900**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$90,100	$1,400		$7,700
Interior Architecture	$14,800	$4,900		$3,300
Electrical	$5,100	$1,300	$3,900	$10,600
Mechanical	$4,500	$4,400	$4,900	$37,800
Site Pavements	$15,500			
Total	**$130,000**	**$12,000**	**$8,800**	**$59,500**
Importance Code A	$91,200	$2,500	$1,100	$8,900
Importance Code B	$18,900	$7,000	$7,600	$50,600
Importance Code C	$19,900	$2,400		
Total	**$130,000**	**$12,000**	**$8,800**	**$59,500**



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. 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								
Alum/Vinyl Siding	5%			2045	* *	10	$600	
Cast Stone/Terra Cotta	5%	4+	$18,900	LIFE	* *	5	$14,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Street Facade								
Masonry: Brick	72%	Now	$225,800	LIFE	* *	5	$27,400	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Rear And Side Walls								
Painted Surfaces, Extent : Moderate, Area Affected : 50%								
Location : East Facade								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Rear And Side Walls								
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : East Facade At Stucco Area								
Other Observation, Extent : Light, Area Affected : 50%								
Location : East Facade								
Explanation : Stucco Over Brick								
Masonry: Granite	5%	0-2	$4,500	LIFE	* *	5	$1,400	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Street Facade								
Masonry: Limestone	5%	4+	$11,200	LIFE	* *	5	$1,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Street Facade								
Metal Sect. OHD	5%			2040	* *	5	$6,000	
Metal: Cage/Fence	3%			2040	* *	5	$5,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Front Facade Windows								
Explanation : Decorative Iron Picket Railing								
Windows								
Aluminum	100%			2043	* *	5	$2,800	

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

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								
Parapets								
Cast Stone/Terra Cotta	5%	Now	$3,200	LIFE	* *	5	$1,100	
Caulking Deteriorated, Extent : Light, Area Affected : 20%								
Location : Front Facade								
Spalling, Extent : Severe, Area Affected : 10%								
Location : Front Facade								
Cast Stone/Terra Cotta	3%	Now	$6,200	LIFE	* *	5	$700	1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Rear Facade								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Rear Facade								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Explanation : Terra Cotta Copping								
Masonry: Brick	75%	Now	$54,000	LIFE	* *	5	$2,100	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 15%								
Location : Street Facade								
Spalling, Extent : Severe, Area Affected : 40%								
Location : Interior Parapet Face Throughout								
Masonry: Limestone	7%	Now	$7,400	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : West Facade Copping								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Street Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor Bathroom								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Explanation : Actually Bluestone								
Metal Cornice	10%			2070	* *	10	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lower Roof Above Dining And Kitchen Area								
Explanation : New Metal Coping								

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. 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								
Roof								
Built-Up (BUR)	75%	Now	$11,800	2030	$117,900			
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : Flashing At Main Roof								
Built-Up (BUR)	5%	Now	$7,900	2045	* *			
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Over Kitchen								
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : Over Kitchen								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Worn/Erode, Extent : Moderate, Area Affected : 75%								
Location : Kitchen Roof Throughout								
Modified Bitumen	10%			2040	* *	10	$1,300	
Skylight, Metal/Glass	10%	Now	$18,900	2045	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Skylight Components On Main Roof								
Recent Replace Evident, Extent : N/A, Area Affected : 30%								
Location : Glass At Skylights								
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	$17,400	
Ceramic Tile	5%			2038	* *	5	$900	
Quarry Tile	5%			2048	* *	5	$1,300	
Sheet Vinyl/Rubber	25%			2040	* *	5	$6,600	
Wood	20%	Now	$63,200	2063	* *	5	$3,300	
Patching Evident, Extent : Severe, Area Affected : 5%								
Location : Third Floor								
Ridging, Extent : Severe, Area Affected : 10%								
Location : Third Floor								
Staining/Discoloring, Extent : Severe, Area Affected : 5%								
Location : Third Floor								
Worn/Erode, Extent : Severe, Area Affected : 20%								
Location : Third 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.
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*** 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%			2038	* *	5	$4,900	
Glass: Single Pane	8%			LIFE	* *	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Second Floor								
Explanation : Officers Rooms								
Gypsum Board	5%			LIFE	* *	5	$700	
Masonry: Brick	30%	0-2	$69,400	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Basement Vault, Rear And Side Walls								
Plaster	37%	Now	$4,400	LIFE	* *	5	$2,700	
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : Second Floor Below Window In Officers Room								
Ceilings								
AcousTileSusp.Lay-In	15%			2048	* *	5	$2,700	
Embossed Metal	25%	Now	$6,700	LIFE	* *	5	$2,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Exposed Struc: Concrete	10%			LIFE	* *	5	$300	
Exposed Struc: Steel	10%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Corrugated Metal Below Apparatus Floor								
Gypsum Board	5%			LIFE	* *	5	$1,100	
Plaster	35%	2-4	$3,800	LIFE	* *	5	$3,900	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Third Floor At Skylights								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2045	* *			
Chain Link	50%			2045	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Driveway Area								
Explanation : Metal Panels Attached To Chain Link Fence								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
Parking/Driveway								
Asphalt	100%	Now	$15,500	2038	* *			
Potholes, Extent : Severe, Area Affected : 5%								
Location : Driveway								

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.
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*** 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
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2055	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$300	
Raceway								
Conduit	50%			2045	* *	1		
Conduit	50%			2055	* *	1		
Panelboards								
Molded Case Bkrs	50%			2043	* *	5	$100	
Molded Case Bkrs	50%			2051	* *	5	$100	
Wiring								
Thermoplastic	50%			2045	* *	1		
Thermoplastic	50%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$3,500	
Generators								
Diesel	100%			2044	* *	1	$4,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 40 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$400	
Fuel Storage								
Main Tank	100%			2063	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside The Building								
Explanation : 50 Gallons Rated Capacity								
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. 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
Lighting								
Interior Lighting								
Fluorescent	84%			2040	* *	10	$8,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement, 1st Floor, 2nd Floor								
Explanation : T-8 Lamps								
Fluorescent	10%	Now	$3,900	2045	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 3rd Floor								
Explanation : Not Functional								
Fluorescent	5%			2030	$4,900	10	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 3rd Floor								
Explanation : T-12 Lamps								
LED	1%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$4,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front And Side Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2040	* *	1	$11,100	
Distribution								
Central Plant Steam Piping/Pmp	100%			2045	* *	4	$600	
Terminal Devices								
Convector/Radiator	80%			2040	* *	1	$2,900	
Unit Heater - Steam	20%			2035	$12,800	4	$300	
Controls								
Electrical	100%			2030	$62,500			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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								
Split Unit	20%			2040	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : 2 Units. Split Unit Serves Bunk Area And Kitchen. R-410a								
Window/Wall Unit	30%			2030	$12,800	1		
No Component	50%							
Terminal Devices								
Fan Coil - 2 Pipe	20%			2045	* *	1	$700	
No Component	80%							
Heat Rejection								
Dry Cooler	20%			2045	* *	2	$1,600	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$1,900	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor								
Explanation : Fan Unit In 2nd Floor Bunk Bedroom								
No Component	70%							
Exhaust Fans								
Interior	30%			2035	$15,000	2	$100	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor								
Explanation : Exhaust Fan In 3rd Floor Locker Room								
Roof	10%			2035	$2,200	2		
Wall Unit	60%			2035	$2,900	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$300	4	$400	
Fixtures								
Generic	100%							
Not in Service, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor. Broken Toilet								
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. 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
Fire Suppression								
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Hood, 4 Feet X 8 Feet Which Equals 32 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 62/ LADDER CO. 32**		
Address	: **3431 WHITE PLAINS ROAD**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.062 / 13050**	**Yr Built/Renovated**	: **1903 /**
Area Sq Ft	: **6,878**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **21-Mar-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **4628** **Lot** : **53**	**BIN**	: **2056968**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$676,700	
Interior Architecture	$50,700	$65,800
Electrical		$65,000
Mechanical		$54,300
Total	**$727,300**	**$185,100**
Importance Code A	$676,700	
Importance Code B	$50,700	$185,100
Total	**$727,300**	**$185,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$125,600	$4,100		$600
Interior Architecture	$42,300	$1,800		$2,400
Electrical	$10,700	$300	$300	$21,900
Mechanical	$63,100	$3,800	$4,300	$13,900
Total	**$241,700**	**$10,000**	**$4,600**	**$38,900**
Importance Code A	$126,200	$4,800	$600	$1,300
Importance Code B	$99,900	$4,000	$4,000	$37,500
Importance Code C	$15,600	$1,200		
Total	**$241,700**	**$10,000**	**$4,600**	**$38,900**

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.
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FIRE DEPARTMENT - 057
ENGINE CO. 62/ LADDER CO. 32
Asset # : 13050

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	10%	Now	$10,100	2045	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Siding Missing On North Wall								
Masonry: Brick	70%	Now	$588,200	LIFE	* *	5	$17,900	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 65%								
Location : All Facades								
Masonry: Granite	3%			LIFE	* *	5	$600	
Masonry: Limestone	7%	Now	$14,100	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Window Sills At Main Entrance Facade								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Front Facade Window Surrounds								
Metal Sect. OHD	10%			2048	* *	5	$8,000	
Windows								
Aluminum	100%	Now	$9,800	2043	* *	5	$500	
Air Infiltration, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 70%								
Location : 2nd Floor								
Parapets								
Copper/Terne	20%			2055	* *	5	$1,300	
Masonry: Brick	55%	Now	$36,000	LIFE	* *	5	$700	1
Diagonal Cracks, Extent : Severe, Area Affected : 5%								
Location : Throughout Roof Area								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 50%								
Location : Throughout Roof Area								
Spalling, Extent : Severe, Area Affected : 50%								
Location : Inside Parapet At Roof								
Masonry: Limestone	10%			LIFE	* *	5	$200	
Metal Cornice	15%	Now	$5,000	2063	* *			1
Corrosion/Rusting, Extent : Severe, Area Affected : 30%								
Location : Cornice And Balustrade Throughout								

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FIRE DEPARTMENT - 057
ENGINE CO. 62/ LADDER CO. 32
Asset # : 13050

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								
Asphalt Shingle	5%			2038	* *	10	$100	
Modified Bitumen	65%	Now	$88,400	2045	* *			
Blisters, Extent : Severe, Area Affected : 75%								
Location : Roof								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Gymnasium								
Roll Roofing	28%	Now	$22,600	2037	* *	5	$2,900	
Blisters, Extent : Severe, Area Affected : 75%								
Location : Lower Roof								
Skylight, Metal/Glass	2%	Now	$28,000	2055	* *			1
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : 2nd Floor								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : Worn And Deteriorated								
Interior								
Floors								
Cast in Place Concrete	50%	Now	$50,700	LIFE	* *	5	$13,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 60%								
Location : 1st Floor And Basement, Apparatus Room								
Uneven Surface, Extent : Moderate, Area Affected : 3%								
Location : 1st Floor And Basement								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Apparatus Room Floor								
Explanation : Temporary Posts In Cellar To Support Floor								
Ceramic Tile	10%			2038	* *	5	$1,200	
Quarry Tile	5%			2040	* *	5	$900	
Vinyl Tile	20%	2-4	$3,300	2035	$65,800	3	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor								
Wood	15%			2050	* *	5	$3,400	
Interior Walls								
Ceramic Tile	15%			2038	* *	5	$2,500	
Gypsum Board	20%			LIFE	* *	5	$2,000	
Masonry: Brick	25%	Now	$15,600	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	20%			LIFE	* *	5	$1,000	
Plywood/Hardboard	15%			LIFE	* *			
SGFT/Glazed Masonry	5%			LIFE	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 62/ LADDER CO. 32
Asset # : 13050

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%	Now	$600	2048	* *	5	$900	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Various Locations								
Embossed Metal	50%	Now	$15,700	LIFE	* *	5	$2,700	
Bent/Warped Elements, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Paint Peeling, Extent : Severe, Area Affected : 5%								
Location : 1st Floor								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor Locker Room								
Exposed Struc: Concrete	20%	Now	$7,100	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Basement								
Plaster	10%			LIFE	* *	5	$700	
Plywood/Hardboard	5%			2055	* *	1		
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$200	
Raceway								
Conduit	100%			2035	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	95%			2034	$47,100	5	$200	
Wiring								
Braided Cloth	30%			2034	$10,000	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	70%			2035	$23,300	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5		
Ground								

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FIRE DEPARTMENT - 057
ENGINE CO. 62/ LADDER CO. 32
Asset # : 13050

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%	Now	$10,400	LIFE	* *	5	$100	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Water Main Basement								
Lighting								
Interior Lighting								
Fluorescent	30%			2030	$17,900	10	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : T-12 Lamps								
Incandescent	2%			2030	$1,700	2		
LED	68%			2040	* *			
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$2,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2055	* *	1		
Conversion Equipment								
Radiant Heater	10%			2040	* *	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Serves Gymnasium								
Steam Boiler	90%			2048	* *	1	$6,100	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Explanation : Unit Only Work For 1 Zone								
Distribution								
Central Plant Steam Piping/Pmp	100%			2061	* *	4	$300	
Terminal Devices								
Convector/Radiator	90%			2040	* *	1	$2,000	
Unit Heater - Steam	10%			2035	$3,900	4	$100	
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 62/ LADDER CO. 32
Asset # : 13050

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								
Exterior Pkg Unit - Cooling	30%	Now	$22,600	2045	* *	2	$100	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : Unit Past Useful Life, Not Serviceable								
Split Unit	10%			2035	$16,300			
Window/Wall Unit	40%			2030	$10,400	1		
No Component	20%							
Distribution								
Ductwork/Diffusers	30%	Now	$21,800	LIFE	* *	2	$2,700	
Other Observation, Extent : Severe, Area Affected : 75%								
Location : 2nd Floor								
Explanation : Broken And Missing Elements								
No Component	70%							
Heat Rejection								
Dry Cooler	10%			2040	* *	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Split Units Serve Gymnasium								
No Component	90%							
Ventilation								
Exhaust Fans								
Interior	30%	0-2	$9,200	2045	* *	2	$100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Poor Ventilation In Building								
Roof	70%	2-4	$1,900	2040	* *	2	$100	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Roof. Unit Is Not Working								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	2-4	$4,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : Basement. Occasional Sewage Backing Up In Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Occasional Sewer Backups In Basement								

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FIRE DEPARTMENT - 057
ENGINE CO. 62/ LADDER CO. 32
Asset # : 13050

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)								
Submersible	100%			2028	$200	4	$200	
Backflow Preventer								
Generic	5%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Boiler Only								
Generic	95%			2040	* *	1	$400	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	100%			2033	$54,300	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Kitchen Hood 3 Feet X 5 Feet Which Equals 15 Square Feet Serving Cooking Area								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 63/ LADDER CO. 39**		
Address	: **755 EAST 233RD STREET @ BYRON AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.063 / 13051**	**Yr Built/Renovated**	: **1971 / 2013**
Area Sq Ft	: **7,552**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **22-Sep-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **4997** **Lot** : **13**	**BIN**	: **2068155**

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$14,800		$14,700	$400
Interior Architecture	$4,000	$900		$400
Electrical	$800	$3,400	$900	$900
Mechanical	$3,600	$900	$3,800	$700
Total	**$23,200**	**$5,200**	**$19,400**	**$2,400**
Importance Code A	$15,100	$400	$15,100	$700
Importance Code B	$8,100	$4,800	$4,300	$1,700
Importance Code C				
Total	**$23,200**	**$5,200**	**$19,400**	**$2,400**

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FIRE DEPARTMENT - 057
ENGINE CO. 63/ LADDER CO. 39
Asset # : 13051

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	15%			LIFE	* *	5	$17,000	
Cast Stone/Terra Cotta	25%			LIFE	* *	5	$44,400	
Cement - Fiber Panel	20%			2039	* *	10	$14,200	
Masonry: Brick	30%			LIFE	* *	5	$6,800	
Wood Overhead Doors	10%			2047	* *	5	$11,400	
Windows								
Aluminum	100%			2050	* *	5	$700	
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$4,100	
Masonry: Brick	70%			LIFE	* *	5	$1,800	
Metal Panel	10%			2054	* *	5	$1,000	
Roof								
Modified Bitumen	90%	4+	$2,400	2039	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Chiefs Office On 2nd Floor								
Skylight, Metal/Glass	10%	4+	$6,700	2054	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor								
Soffits								
Fiberglass Panel	100%			2043	* *	5		
Interior								
Floors								
Cast in Place Concrete	35%			LIFE	* *	5	$8,800	
Ceramic Tile	15%			2043	* *	5	$1,700	
Terrazzo	5%			LIFE	* *	5	$400	
Vinyl Tile	30%			2039	* *	3	$1,700	
Wood	15%			2062	* *	5	$3,200	
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *			
Concrete Masonry Unit	20%			LIFE	* *	5	$1,300	
Gypsum Board	50%			LIFE	* *	5	$4,700	
SGFT/Glazed Masonry	15%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	35%			2047	* *	5	$4,000	
Exposed Struc: Steel	15%			LIFE	* *			
Gypsum Board	30%			LIFE	* *	5	$4,300	
Plaster	20%			LIFE	* *	5	$1,400	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2054	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 63/ LADDER CO. 39
Asset # : 13051

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		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2054	* *	5	$200	
Raceway								
Conduit	100%			2054	* *	1		
Panelboards								
Molded Case Bkrs	100%			2050	* *	5	$200	
Wiring								
Thermoplastic	100%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2047	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$2,300	
Generators								
Diesel	100%			2043	* *	1	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Right Side Of The Building								
Explanation : Emergency Generator Rated At 81 Kilovolt-ampere								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$300	
Fuel Storage								
Main Tank	100%			2062	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Right Side Of The Building								
Explanation : 54 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	40%			2034	$26,200	10	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
Fluorescent	10%			2034	$6,600	10	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Flourescent Lights								
LED	50%			2042	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 63/ LADDER CO. 39
Asset # : 13051

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%			2034	$1,900	1		
Emergency, Battery	10%			2034	$1,300	10	$200	
Exit, LED	50%			2062	* *	1		
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2042	* *	1	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ouside And Inside The Building								
Explanation : Cameras Security 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								
Natural Gas	100%			2054	* *	1		
Conversion Equipment								
Furnace	60%			2039	* *	1	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Units								
Hot Water Boiler	40%			2047	* *	1	$1,500	
Distribution								
Hot Wtr Piping/Pump	40%			2050	* *	4	$100	
No Component	60%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Temperature Control In House, Apparatus Floor Is Too Cold.								
Terminal Devices								
Convector/Radiator	35%	2-4	$1,100	2039	* *	1	$800	
Noisy/Vibrating, Extent : Moderate, Area Affected : 15%								
Location : And Leaks At Lunch Room, House Watch Room, 2nd Floor Officers Locker Room And Girls Bathroom.								
Fan Coil Unit/Heat	5%			2039	* *	1	$100	
No Component	60%							
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 63/ LADDER CO. 39
Asset # : 13051

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%			2039	* *	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Rooftop Units, R-410a								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$9,800	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,200	
Exhaust Fans								
Interior	10%			2039	* *	2		
Roof	80%			2039	* *	2	$200	
Wall Unit	10%			2034	$300	2		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	2-4	$1,900	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Clogged At Rear Side Of The Apparatus Floor.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$200	4	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Duplex Units								
Backflow Preventer								
Generic	100%			2039	* *	1	$500	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	70%							
Generic	30%			2054	* *	1-2	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Basement Only								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 63/ LADDER CO. 39
Asset # : 13051

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								
No Component	99%							
Generic	1%			2032	$600	1-10	$300	
Other Observation, Extent : Light, Area Affected : 100% *Location : Kitchen* *Explanation : 1 Set* *Kitchen Hood Covers 32 Square Feet (8x4).*								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 64**		
Address	: **1214 CASTLE HILL AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.064 / 13052**	**Yr Built/Renovated**	: **1912 /**
Area Sq Ft	: **4,050**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **24-Jun-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3821** **Lot** : **7**	**BIN**	: **2094871**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$154,700	$83,700
Total	**$154,700**	**$83,700**
Importance Code B	$154,700	$83,700
Total	**$154,700**	**$83,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$900	$8,900	$10,800	
Interior Architecture	$39,000	$1,300		$400
Electrical	$2,800	$3,200	$300	$300
Mechanical	$12,400	$45,200	$500	$600
Total	**$55,100**	**$58,700**	**$11,700**	**$1,200**
Importance Code A	$1,300	$9,400	$11,200	$400
Importance Code B	$38,700	$49,300	$500	$800
Importance Code C	$15,100			
Total	**$55,100**	**$58,700**	**$11,700**	**$1,200**

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

FIRE DEPARTMENT - 057
ENGINE CO. 64
Asset # : 13052

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	$15,600	
Masonry: Granite	5%			LIFE	* *	5	$800	
Masonry: Limestone	10%			LIFE	* *	5	$1,700	
Wood	5%			2038	* *	5	$5,600	
Wood Overhead Doors	10%			2038	* *	5	$11,200	
Windows								
Aluminum	100%			2049	* *	5	$800	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$1,400	
Masonry: Limestone	10%			LIFE	* *	5	$200	
Metal Cornice	10%			2048	* *	10	$600	
Roof								
Modified Bitumen	75%	4+	$900	2038	* *			
Debris Present, Extent : Light, Area Affected : 20%								
Location : Main Roof								
Roll Roofing	25%			2029	$9,200	5	$2,400	
Interior								
Floors								
Cast in Place Concrete	30%	Now	$154,700	LIFE	* *	5	$4,000	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Slab Is Old And Does Not Carry Current Loads. It Is Shored Up From Basement								
Ceramic Tile	5%	Now	$1,700	2042	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor Bathrooms, Captain Office Bathroom								
Quarry Tile	10%			2038	* *	5	$900	
Vinyl Tile	50%			2033	$83,700	3	$1,500	
Wood	5%			2048	* *	5	$600	
Interior Walls								
Ceramic Tile	10%			2042	* *	5	$1,100	
Concrete Masonry Unit	5%			LIFE	* *	5	$200	
Gypsum Board	25%			LIFE	* *	5	$1,600	
Masonry: Fieldstone	15%	Now	$14,500	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Water Penetration								
Plaster	15%			LIFE	* *	5	$500	
SGFT/Glazed Masonry	30%			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. 64
Asset # : 13052

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	20%			2038	* *	5	$1,200	
Embossed Metal	70%	0-2	$12,800	LIFE	* *	5	$1,900	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor								
Loose/Miss Fasteners, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor								
Exposed Struc: Concrete	10%	Now	$9,100	LIFE	* *	5	$100	
Loose/Delam Surface, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2038	* *			

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%			2053	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	* *	5	$100	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Fused Disc Sw	10%			2049	* *	5		
Molded Case Bkrs	90%			2049	* *	5	$100	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
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. 64
Asset # : 13052

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%			2046	* *	1	$1,300	
Generators								
Diesel	100%			2042	* *	1	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 104 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	
Fuel Storage								
Day Tank	100%			2049	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : 125 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	98%			2033	$34,500	10	$3,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	2%			2041	* *			
Egress Lighting								
Emergency, Service	60%			2033	$1,500	1		
Emergency, Battery	10%			2033	$700	10	$100	
Exit, Service	30%			2033	$500	1		
Exterior Lighting								
HID	15%			2028	$2,800	10		
Lens/Guard Missing, Extent : Severe, Area Affected : 8%								
Location : Outside								
LED	5%			2041	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$4,000	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement. New Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%			2043	* *			

Note : 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. 64
Asset # : 13052

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%			2038	* *	1	$1,300	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	10%			2028	$9,600			
Window/Wall Unit	50%			2027	$7,700	1		
No Component	40%							
Ventilation								
Exhaust Fans								
Interior	100%			2028	$18,000	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2043	* *	1		
Galvanized Steel	90%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%	Now	$2,600	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Bathroom Shower In 2nd Floor								
Storm Drain Piping								
Cast Iron	100%	Now	$1,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Sump Pump(s)								
Submersible	100%			2027	$100	4	$100	
Fixtures								
Generic	100%							

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

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 65**		
Address	: **33 WEST 43RD STREET BTWN 5TH AVE. - 6TH AVE.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.065 / 13053**	**Yr Built/Renovated**	: **1898 / 2012**
Area Sq Ft	: **5,918**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **23-Nov-2022**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **1259** **Lot** : **18**	**BIN**	: **1076256**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$79,200	$74,800
Total	**$79,200**	**$74,800**
Importance Code A	$79,200	$74,800
Total	**$79,200**	**$74,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$31,300		$5,700	$7,100
Interior Architecture	$48,800	$1,200		$300
Electrical	$7,800	$3,400	$700	$600
Mechanical	$4,900	$900	$34,000	$900
Total	**$92,900**	**$5,400**	**$40,400**	**$8,900**
Importance Code A	$31,900	$600	$6,300	$7,700
Importance Code B	$57,100	$3,900	$34,000	$1,200
Importance Code C	$3,900	$900		
Total	**$92,900**	**$5,400**	**$40,400**	**$8,900**

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. 65
Asset # : 13053

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	$15,300	
Masonry: Limestone	40%	0-2	$79,200	LIFE	* *	5	$9,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Truck Bay Entrance								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Front Facade								
Metal Panel	10%			2054	* *	5-10	$21,100	
Windows								
Wood	100%			2050	* *	5	$14,100	
Air Infiltration, Extent : Light, Area Affected : 5%								
Location : Bunk Room								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 2%								
Location : Bunk Room								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$3,800	LIFE	* *	5	$1,200	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : South Facade								
Masonry: Brick	90%	0-2	$27,500	LIFE	* *	5	$1,400	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Throughout, South Facade								
Roof								
Asphalt Shingle	1%			2037	* *	10		
Modified Bitumen	99%			2034	$74,800	10	$6,300	
Soffits								
Masonry: Limestone	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	45%	Now	$8,200	LIFE	* *	5	$9,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Boiler Room								
Ceramic Tile	5%			2043	* *	5	$500	
Quarry Tile	25%	0-2	$9,900	2047	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	25%	Now	$7,400	2042	* *	3	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor And 3rd Floor Corridors And Bunk 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
ENGINE CO. 65
Asset # : 13053

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%			2043	* *	5	$1,800	
Masonry: Brick	25%			LIFE	* *			
Plaster	40%	Now	$3,900	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Officer Toilet								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%	Now	$700	2039	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Embossed Metal	65%	Now	$18,700	LIFE	* *	5	$2,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : 3rd Floor Gymnasium								
Paint Peeling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Exposed Struc: Steel	15%			LIFE	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2047	* *			

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 : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Main Disconnect Switch. It Is In Satisfactory Condition.								
Raceway								
Conduit	95%			2044	* *	1		
Conduit	5%			2060	* *	1		
Panelboards								
Fused Disc Sw	5%			2042	* *	5		
Molded Case Bkrs	65%			2042	* *	5	$100	
Molded Case Bkrs	30%			2056	* *	5		
Wiring								
Thermoplastic	40%			2060	* *	1		
Thermoplastic	60%			2044	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 65
Asset # : 13053

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	50%			2039	* *	5		
Locally Mounted	50%			2051	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$1,800	
Generators								
Diesel	100%			2043	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Diesel Generator Rated 50 Kilovolt Amperes 40 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,700	5	$200	
Fuel Storage								
Main Tank	100%			2062	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The 100 Gallons Diesel Tank Is In Good Condition.								
Lighting								
Interior Lighting								
Fluorescent	50%			2034	$28,100	10	$2,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	35%			2042	* *	10	$1,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement And 1st Floor								
LED	5%			2042	* *			
Under Construction	10%							
Egress Lighting								
Emergency, Service	50%			2034	$2,000	1		
Exit, Service	50%			2034	$1,400	1		
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%	2-4	$7,300	2044	* *	1	$2,000	
Not in Service, Extent : Severe, Area Affected : 70%								
Location : Outside								

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. 65
Asset # : 13053

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%			2054	* *	1		
Conversion Equipment								
Steam Boiler	100%			2054	* *	1	$5,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement. New Boiler								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Gasoline Fired Steam Boiler								
Distribution								
Steam Piping/Pump	100%	Now	$2,600	2044	* *			
Malfunctioning, Extent : Severe, Area Affected : 50%								
Location : Water Hammer From Poorly Pitched Pipe In The Basement								
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	$1,900	
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Split Unit	10%			2029	$15,400			
Window/Wall Unit	30%			2029	$7,400	1		
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	55%			LIFE	* *	2-5	$1,800	
No Component	45%							
Exhaust Fans								
Interior	35%			2029	$10,100	2	$100	
Roof	25%	Now	$300	2039	* *	2		
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Roof, Mechanical And Or Electrical Deficiencies								
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$37,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
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
ENGINE CO. 65
Asset # : 13053

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%	Now	$1,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 50%								
Location : Probable Clogged Or Cracked Roof Drain Piping At Northeast Corner Of Roof. The Affected Area On The Roof Is Creating Water Damage On Floor Below								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Occasional Backups During Heavy Rain								
Backflow Preventer								
Generic	100%			2039	* *	1	$400	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2032	$1,300	1-10	$600	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression System Covers 24 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 66/ LADDER CO. 61**		
Address	: **21 ASCH LOOP W.**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.066 / 13054**	**Yr Built/Renovated**	: **1973 /**
Area Sq Ft	: **8,320**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **06-Feb-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5141** **Lot** : **103**	**BIN**	: **2072355**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$103,000	$114,900
Electrical		$130,000
Mechanical	$58,100	$161,300
Site Enclosure	$308,200	
Total	**$469,300**	**$406,200**
Importance Code A	$103,000	$179,900
Importance Code B	$58,100	$226,300
Importance Code C	$308,200	
Total	**$469,300**	**$406,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$38,700		$200	
Interior Architecture	$50,500		$300	$1,100
Electrical	$1,200	$900	$3,400	$1,000
Mechanical	$10,500	$3,400	$50,100	$3,200
Site Pavements	$10,000			
Total	**$111,000**	**$4,300**	**$53,900**	**$5,300**
Importance Code A	$39,500	$400	$600	$400
Importance Code B	$36,100	$3,900	$53,300	$4,400
Importance Code C	$35,300			$500
Total	**$111,000**	**$4,300**	**$53,900**	**$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. 66/ LADDER CO. 61
Asset # : 13054

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%			2056	* *	10	$800	
Concrete Masonry Unit	5%	0-2	$2,400	LIFE	* *	5	$600	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : West Side								
Masonry: Brick Cavity	70%	4+	$22,000	LIFE	* *	5	$12,600	
Efflorescence, Extent : Moderate, Area Affected : 2%								
Location : Chimney								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 2%								
Location : Chimney								
Metal Sect. OHD	10%	4+	$1,300	2049	* *	5	$2,800	
Unit Inoperable, Extent : Moderate, Area Affected : 2%								
Location : Signal Is Not Working								
Windows								
Aluminum	100%	Now	$103,000	2061	* *	5	$1,100	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Offices, Bunkroom								
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Bunk Room								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Roof								
Asphalt Shingle	10%			2039	* *	10	$200	
Modified Bitumen	90%	0-2	$11,500	2036	$114,900			
Alligatoring, Extent : Moderate, Area Affected : 5%								
Location : Seams Throughout								
Blisters, Extent : Moderate, Area Affected : 5%								
Location : Throughout Main Roof								
Soffits								
Alum/Vinyl Siding	100%	Now	$1,500	2056	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : South And Rear Of Building								
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. 66/ LADDER CO. 61
Asset # : 13054

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	$10,600	LIFE	* *	5	$13,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Ceramic Tile	5%			2039	* *	5	$600	
Worn/Erode, Extent : Light, Area Affected : 10%								
Location : Toilets								
Quarry Tile	3%			2041	* *	5	$600	
Terrazzo	2%			LIFE	* *	5	$400	
Vinyl Tile	40%	Now	$2,800	2041	* *	3	$1,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Second Floor Corridor								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Corridor								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Corridor								
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Corridor								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *	10	$2,500	
Ceramic Tile	5%			2045	* *	5	$1,000	
Concrete Masonry Unit	15%	0-2	$5,700	LIFE	* *	5	$1,200	
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Second Floor, Stair, Basement								
Plaster	35%			LIFE	* *	5-10	$6,000	
Plywood/Hardboard	2%			LIFE	* *	10		
SGFT/Glazed Masonry	38%	4+	$13,900	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Apparatus Room								
Explanation : Vertical Crack From Floor To Ceiling Near House Watch								
Ceilings								
AcousTileSusp.Lay-In	5%			2041	* *	5	$600	
Exposed Struc: Concrete	45%			LIFE	* *	5-10	$7,000	
Gypsum Board	5%			LIFE	* *	5-10	$2,100	
Plaster	45%	Now	$3,400	LIFE	* *	5	$3,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Second Floor Locker Room At Beam, Apparatus Room Beams And Ceiling								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Second Floor Officer Bathroom, Apparatus Room, Roof Hatch								
Site Enclosure								

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

FIRE DEPARTMENT - 057
ENGINE CO. 66/ LADDER CO. 61
Asset # : 13054

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	60%			2056	* *			
Metal/Glass	40%	Now	$308,200	2046	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Roof Guard Rail And Panels								
Loose/Miss Fasteners, Extent : Severe, Area Affected : 5%								
Location : Roof Guard Rail								
Other Observation, Extent : N/A, Area Affected : 40%								
Location : Roof Guard Railing								
Explanation : Aluminum Guard Railing With Plexiglass Panels								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$800	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$900	2041	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Near Areaways								
Parking/Driveway								
Asphalt	80%	Now	$4,900	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cast in Place Concrete	20%	Now	$3,400	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : East Side								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : East Side								
Sinking/Subsiding, Extent : Moderate, Area Affected : 10%								
Location : East 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%			2036	$65,000	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$65,000	5	$200	

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
ENGINE CO. 66/ LADDER CO. 61
Asset # : 13054

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	95%			2036	$35,000	1		
Conduit	5%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	65%			2035	$32,300	5	$100	
Molded Case Bkrs	30%			2052	* *	5	$100	
Wiring								
Thermoplastic	70%			2036	$23,300	1		
Thermoplastic	30%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$2,600	
Generators								
Diesel	100%			2039	* *	1	$3,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 100 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$300	
Fuel Storage								
Day Tank	20%			2044	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : 125 Gallons Rated Capacity								
Main Tank	80%			2039	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2036	$2,600	1		
Exit, Service	50%			2036	$1,800	1		
Exterior Lighting								
LED	10%			2044	* *			
No Component	90%							
Alarm								

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Estimates are rounded to the nearest hundred dollars.
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FIRE DEPARTMENT - 057
ENGINE CO. 66/ LADDER CO. 61
Asset # : 13054

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								
Generic	100%			2044	* *	1	$3,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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								
Furnace	10%			2031	$2,600	1	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Gymnasium								
Explanation : Location Noted								
Furnace	20%	Now	$500	2041	* *	1	$700	
Broken, Extent : Severe, Area Affected : 100%								
Location : Roof								
Hot Water Boiler	70%			2049	* *	1	$2,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : One Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2044	* *	4	$600	
Terminal Devices								
Convector/Radiator	80%			2034	$54,400	1	$2,200	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Unit Heater - Hot Water	20%			2031	$9,900			
Controls								
Electrical	100%			2029	$46,300			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Split Unit	20%			2031	$39,500			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Window/Wall Unit	60%			2031	$18,900	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,300	

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. 66/ LADDER CO. 61
Asset # : 13054

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%			2031	$3,700	2		
Roof	90%			2036	$14,500	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2036	$106,900	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : Two Units, 75mbh 74 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	50%			2031	$800	4	$100	
Submersible	50%			2027	$100	4	$100	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2046	* *	1-2	$300	
Chemical System								
Generic	100%			2029	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : One 20 Square Foot Hood								

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

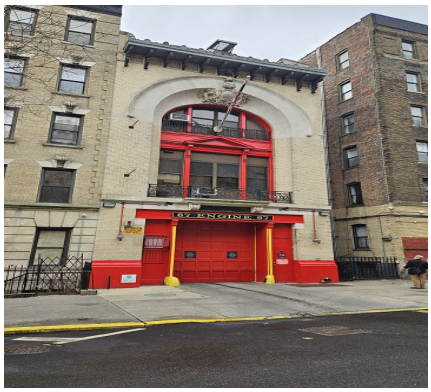
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **ENGINE CO. 67**
Address : **518 WEST 170th STREET @ AUDUBON AVE.**
Borough : **MANHATTAN**
Agency's Number : **N/A**
Program / Asset # : **FIRSECO.067 / 13055**
Yr Built/Renovated : **1898 /**
Area Sq Ft : **5,904**
Project Type : **FIRE DEPARTMENT**
Date of Survey : **04-Apr-2025**
Landmark Status : **EXTERIOR LANDMARK**
Areas Surveyed : **Basement, Roof, Floors 1,2,3,Att**
Block : **2126** **Lot** : **34** **BIN** : **1063024**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$147,200	
Electrical		$87,500
Mechanical		$63,700
Total	**$147,200**	**$151,200**
Importance Code B	$147,200	$151,200
Total	**$147,200**	**$151,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$71,000		$100	
Interior Architecture	$67,700		$300	$100
Electrical	$700	$400	$400	$3,100
Mechanical	$15,700	$3,400	$3,700	$3,500
Site Enclosure	$1,200			
Total	**$156,300**	**$3,800**	**$4,500**	**$6,700**
Importance Code A	$71,600	$600	$600	$600
Importance Code B	$59,900	$3,200	$3,900	$6,100
Importance Code C	$24,800			
Total	**$156,300**	**$3,800**	**$4,500**	**$6,700**



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. 67
Asset # : 13055

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 Iron	5%			LIFE	* *	10	$16,900	
Masonry: Brick	85%			LIFE	* *	5	$52,600	
Masonry: Limestone	5%	Now	$4,000	LIFE	* *	5	$1,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Front Facade								
Wood Overhead Doors	5%			2041	* *	5	$7,700	
Not Insulated, Extent : Moderate, Area Affected : 100%								
Location : Garage Door								
Windows								
Aluminum	100%	Now	$7,900	2052	* *	5	$800	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout 3rd Floor, Gymnasium, Kitchen								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5-10	$2,600	
Masonry: Brick	75%			LIFE	* *	5-10	$9,300	
Metal Rail	20%			2041	* *	5-10	$6,500	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Rear Side Of Roof								
Roof								
Asphalt Shingle	6%			2039	* *	10	$100	
Metal Panel	2%			2041	* *	10	$200	
Modified Bitumen	90%	Now	$6,100	2041	* *			
Blisters, Extent : Moderate, Area Affected : 2%								
Location : Main Roof								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Rear Edge Of Roof								
Skylight, Metal/Glass	2%			2036	$35,000	10	$400	
Soffits								
Cast Iron	100%			LIFE	* *	10		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 67
Asset # : 13055

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	$4,200	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Ceramic Tile	5%	2-4	$2,300	2045	* *	5	$200	
Worn/Erode, Extent : Light, Area Affected : 25%								
Location : Toilets Throughout								
Quarry Tile	5%			2049	* *	5	$600	
Vinyl Tile	10%	4+	$1,100	2036	$22,600	3	$300	
Worn/Erode, Extent : Light, Area Affected : 15%								
Location : 3rd Floor								
Wood	50%	Now	$24,400	2064	* *	5	$3,500	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : 2nd Floor And Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor And Attic								
Split/Cracked, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor And Attic								
Interior Walls								
Ceramic Tile	5%	Now	$700	2039	* *	5	$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Gypsum Board	10%	0-2	$300	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	5%	Now	$11,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Basement								
Plaster	35%	Now	$2,100	LIFE	* *	5	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout 2nd And 3rd Floor, Kitchen								
SGFT/Glazed Masonry	30%			LIFE	* *	10	$1,700	
Wood	15%			LIFE	* *	5	$13,600	

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. 67
Asset # : 13055

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	20%	Now	$500	2041	* *	5	$700	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Embossed Metal	30%	0-2	$7,400	LIFE	* *	5	$1,000	
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Apparatus Room								
Exposed Struc: Steel	15%	Now	$147,200	LIFE	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : Basement At Oil Fill								
Exposed Struc: Wood	5%			LIFE	* *	10	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Attic								
Explanation : Attic Exposed Wood Structure								
Plaster	30%	Now	$3,700	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	100%	4+	$1,200	2046	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Rear Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2041	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Rear Yard								
Parking/Driveway								
Cast in Place Concrete	100%			2049	* *			

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. 67

Asset # : 13055

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	$16,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$71,200	5	$200	
Raceway								
Conduit	100%			2036	$40,300	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,700	5		
Molded Case Bkrs	30%			2035	$16,300	5		
Molded Case Bkrs	65%			2052	* *	5	$100	
Wiring								
Braided Cloth	40%			2035	$14,600	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement, 1st Floor, 2nd Floor								
Thermoplastic	60%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2034	$20,000	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main Pipe Grounded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$1,800	
Generators								
Diesel	100%			2039	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 50 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2030	$2,700	5	$200	
Fuel Storage								
Day Tank	50%			2044	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 75 Gallons								
Main Tank	50%			2051	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallons								
Lighting								

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FIRE DEPARTMENT - 057
ENGINE CO. 67
Asset # : 13055

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								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2041	* *	1		
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Steam Boiler	100%			2049	* *	1	$5,900	
Distribution								
Central Plant Steam Piping/Pmp	100%			2046	* *	4	$300	
Terminal Devices								
Convector/Radiator	100%			2041	* *	1	$1,900	
Controls								
Electrical	100%			2034	$35,900			
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	100%	0-2	$1,200	2034	$24,500	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Television Room								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,200	
Exhaust Fans								
Wall Unit	100%			2036	$2,800	2	$200	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$18,700	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Gasoline Fired Instantaneous Hot Water Heater								

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FIRE DEPARTMENT - 057
ENGINE CO. 67
Asset # : 13055

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	$8,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Sewage Backup In Basement								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	Now	$1,100	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor, Basement. Blocked Gutter A								
Sump Pump(s)								
Non-Submersible	100%			2036	$1,300	4	$200	
Fixtures								
Generic	100%							
Instantaneous Hot Water								
Natural Gas	100%			2041	* *			
Fire Suppression								
Chemical System								
Generic	100%			2034	$63,700	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Hood 5 Feet X 5 Feet Which Equals 25 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **09-May-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **2514** **Lot** : **56**	**BIN**	: **2003268**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$402,600	
Electrical		$231,900
Mechanical	$54,300	$56,800
Total	**$456,900**	**$288,700**
Importance Code A	$402,600	$65,000
Importance Code B	$54,300	$223,700
Total	**$456,900**	**$288,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$28,400	$2,600		
Interior Architecture	$33,600	$1,100	$700	$4,500
Electrical	$700	$3,400	$800	$1,000
Mechanical	$4,600	$3,500	$4,500	$99,100
Site Enclosure	$8,200			
Site Pavements	$3,400			
Total	**$78,900**	**$10,700**	**$6,000**	**$104,600**
Importance Code A	$28,900	$3,000	$500	$500
Importance Code B	$30,800	$7,600	$4,800	$104,100
Importance Code C	$19,200		$700	
Total	**$78,900**	**$10,700**	**$6,000**	**$104,600**

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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								
Cast Stone/Terra Cotta	5%	Now	$9,300	LIFE	* *	5	$9,100	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 5%								
Location : Front Facade Window Sill								
Concrete Masonry Unit	80%	Now	$200,700	LIFE	* *	5	$11,700	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : At Overhead Doors And 2nd Floor Front								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Front Facade								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : South Facade								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : East Facade Wall At Gymnasium								
Explanation : Graffiti								
Masonry: Brick	10%	Now	$3,900	LIFE	* *	5	$2,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Front Facade Pier								
Metal Sect. OHD	5%			2048	* *	5	$3,700	
Windows								
Aluminum	95%	Now	$53,000	2060	* *	5	$600	1
Air Infiltration, Extent : Severe, Area Affected : 40%								
Location : Bunk Room								
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : Screens Missing Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Wire Glass At 1st Floor House Watch Room								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : At Lockers And Sleeping Rooms								
Metal Louvers	5%			2038	* *	10	$400	

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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								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$3,400	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Street Facade								
Open Joints, Extent : Severe, Area Affected : 5%								
Location : Street Facade								
Concrete Masonry Unit	80%	Now	$9,300	LIFE	* *	5	$1,700	
Expansion Joint Failure, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Main Roof Parapet								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Rear Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 20%								
Location : Main Roof Parapet At All Walls								
Worn/Erode, Extent : Light, Area Affected : 100%								
Location : All Facades								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Main Roof								
Explanation : Step Cracks Throughout And At Dunnage Connections								
Metal Panel	5%	Now	$800	2045	* *	5	$200	
Loose/Miss Fasteners, Extent : Severe, Area Affected : 10%								
Location : East Facade Coping								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Explanation : Aluminum Coping								
Metal: Cage/Fence	5%			2048	* *	5-10	$700	
Roof								
Asphalt Shingle	5%	Now	$200	2038	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Highpoint At Roof And Wall Connection								
Modified Bitumen	95%	Now	$148,900	2045	* *			1
Blisters, Extent : Moderate, Area Affected : 10%								
Location : All Roofs								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Lower Roof								
Ridging, Extent : Moderate, Area Affected : 15%								
Location : At Parapet Cant Strip								
Seams Open/Split, Extent : Severe, Area Affected : 20%								
Location : At Roof Penetrations And All Perimeter Flashing								
Vegetation Growth, Extent : Severe, Area Affected : 5%								
Location : Below Dunnage Of Main Roof								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Above Kitchen And Officers Office At First Floor								

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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								
Soffits								
Stucco Cement	100%	2-4	$1,500	2040	* *	5	$900	
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	40%	0-2	$10,400	LIFE	* *	5	$13,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Worn/Erode, Extent : Moderate, Area Affected : 5%								
Location : At Overhead Doors								
Ceramic Tile	15%	Now	$6,500	2044	* *	5	$1,100	
Drains Inad/Misposn, Extent : Severe, Area Affected : 5%								
Location : Mens Bathroom Shower Area								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mens Bathroom Shower Area								
Explanation : No Pitch To Drain Was Added								
Quarry Tile	5%	Now	$2,800	2040	* *	5	$600	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Kitchen								
Uneven Substrate, Extent : Severe, Area Affected : 10%								
Location : Kitchen								
Sheet Vinyl/Rubber	35%			2040	* *	5	$8,000	
Vinyl Tile	5%	Now	$6,300	2035	$21,100	3	$300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Sitting Area And Officers Office								
Uneven Substrate, Extent : Moderate, Area Affected : 100%								
Location : Sitting Area And Officers Office								
Interior Walls								
Ceramic Tile	10%			2044	* *	5	$1,300	
Concrete Masonry Unit	30%	Now	$7,600	LIFE	* *	5	$1,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Second Floor Officers Bedrooms								
Gypsum Board	25%			LIFE	* *	5	$2,000	
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	15%			2048	* *	5	$2,300	
AcousTileSusp.Lay-In	5%			2040	* *	5	$800	
Exposed Struc: Concrete	75%			LIFE	* *	5	$1,800	
Gypsum Board	5%			LIFE	* *	5	$1,000	
Site Enclosure								

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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
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$400	2045	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Parking Area Fence								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Parking Area Fence								
Explanation : Misaligned Making It Difficult To Operate								
Free Standing Walls								
Concrete Masonry Unit	95%	Now	$7,400	2045	* *			
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : North Freestanding Wall								
Concrete Masonry Unit	5%	Now	$400	2045	* *			
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Copping Stones								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Freestanding Wall With Barbed Wire On Top								
Explanation : Actually Concrete Coping Stones								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2040	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Sidewalk								
Parking/Driveway								
Cast in Place Concrete	100%	4+	$3,400	2040	* *			
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Driveway								
Explanation : Inadequate Area Drain In Driveway								

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%			2035	$65,000	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$300	
Raceway								
Conduit	70%			2035	$25,800	1		
Conduit	30%			2055	* *	1		
Panelboards								
Molded Case Bkrs	70%			2034	$34,700	5	$200	
Molded Case Bkrs	30%			2051	* *	5	$100	

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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
Under 600 Volts								
Wiring								
Thermoplastic	70%			2035	$23,300	1		
Thermoplastic	30%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$3,100	
Generators								
Diesel	100%			2031	$101,800	1	$4,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Mechanical Room								
Explanation : Emergency Generator Rated At 15 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$400	
Fuel Storage								
Main Tank	100%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Mechanical Room								
Explanation : 200 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	50%			2035	$44,400	10	$4,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : T-8 Lamps								
LED	50%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, LED	50%			2063	* *	1		
Exterior Lighting								
HID	20%			2035	$9,500	10		
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	20%			2045	* *	1		
Natural Gas	80%			2045	* *	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
Heating								
Conversion Equipment								
Heat Pump Air Sourced	20%			2039	* *	2	$600	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : 3 Package Units								
Hot Water Boiler	80%			2040	* *	1	$4,000	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Boiler Room								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	80%			2043	* *	4	$600	
No Component	20%							
Terminal Devices								
Convector/Radiator	70%			2040	* *	1	$2,300	
Fan Coil Unit/Heat	20%			2040	* *	1	$700	
Unit Heater - Steam	10%			2035	$5,800	4	$100	
Controls								
Electrical	100%			2033	$56,800			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Heat Pump Air Sourced	20%			2036	$30,600	2	$100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : 3 Package Units. R-410a								
Split Unit	10%			2030	$24,300			
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : 1 Unit, Roof								
Window/Wall Unit	30%	0-2	$600	2030	$11,600	1		
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2030	$18,700	1	$300	
Fan Coil - 4 Pipe	20%			2043	* *	1	$700	
No Component	70%							
Heat Rejection								
Dry Cooler	10%			2030	$2,800	2	$700	
Dry Cooler	20%			2043	* *	2	$1,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,700	
Exhaust Fans								
Roof	100%			2040	* *	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. 68/ LADDER CO. 49
Asset # : 13056

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	50%			LIFE	* *	1		
Cast Iron	50%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2045	* *	1-2	$300	
Other Observation, Extent : Light, Area Affected : 10%								
Location : 1st And 2nd Floor								
Explanation : Serves Stairs								
Chemical System								
Wet	100%			2030	$54,300	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression System 4 Feet X 10 Feet Which Equals 40 Square Feet Serving 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 69**		
Address	: **248 WEST 143rd STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.069 / 13057**	**Yr Built/Renovated**	: **1904 / 1997**
Area Sq Ft	: **11,250**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **05-Oct-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2028** **Lot** : **51**	**BIN**	: **1075491**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$132,800
Interior Architecture	$53,300	
Electrical		$231,900
Mechanical	$120,700	$315,900
Total	**$174,000**	**$680,700**
Importance Code A		$197,900
Importance Code B	$174,000	$482,800
Total	**$174,000**	**$680,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$39,900	$32,100		$16,900
Interior Architecture	$18,700	$5,400	$1,100	$1,300
Electrical	$20,900	$1,200	$1,300	$73,100
Mechanical	$67,500	$7,600	$5,900	$10,200
Site Pavements	$4,200			
Total	**$151,100**	**$46,400**	**$8,400**	**$101,500**
Importance Code A	$40,400	$32,700	$600	$17,600
Importance Code B	$97,200	$13,700	$6,700	$84,000
Importance Code C	$13,600		$1,100	
Total	**$151,100**	**$46,400**	**$8,400**	**$101,500**

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. 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	20%			LIFE	* *	5	$7,800	
Masonry: Granite	10%			LIFE	* *	5	$2,900	
Metal Panel	5%			2045	* *	5-10	$13,300	
Metal Sect. OHD	5%			2048	* *	5	$6,100	
Stucco Cement	60%			2048	* *	5	$58,200	
Windows								
Aluminum	100%	Now	$13,300	2034	$132,800	5	$1,400	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 25%								
Location : 2nd, 3rd Front And Back Facade								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 1%								
Location : 3rd Floor Window In Rear Of Building								
Parapets								
Copper/Terne	25%			2070	* *	5	$3,000	
Metal Panel	75%			2055	* *	5	$7,200	
Roof								
Asphalt Shingle	5%			2044	* *	10	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : Outdoor Kitchen Surround								
Modified Bitumen	67%			2040	* *	10	$8,100	
Modified Bitumen	20%	4+	$26,600	2045	* *			
Debris Present, Extent : Moderate, Area Affected : 25%								
Location : Lower Roof								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 3rd Floor, Laundry Room And Gymnasium								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Lower Roof								
Skylight, Metal/Glass	8%			2055	* *	10	$3,200	
Interior								
Floors								
Cast in Place Concrete	45%			LIFE	* *	5	$17,400	
Quarry Tile	10%			2040	* *	5	$2,700	
Vinyl Tile	45%			2043	* *	3	$3,000	
Interior Walls								
Ceramic Tile	10%			2044	* *	5	$2,200	
Gypsum Board	40%	4+	$2,500	LIFE	* *	5	$5,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Stairwell, Kitchen And Toilet								
Masonry: Brick	15%			LIFE	* *			
Plaster	35%	Now	$9,500	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement Stair								

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

FIRE DEPARTMENT - 057
ENGINE CO. 69
Asset # : 13057

Architecture	Current Repair			Future Replacement		Maintenance		
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%			2048	* *	5	$8,900	
Exposed Struc: Steel	25%	Now	$53,300	LIFE	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 15%								
Location : Sidewalk And Rear Addition Vaults								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Basement								
Other Observation, Extent : N/A, Area Affected : 80%								
Location : Throughout								
Explanation : Material Is Actually Metal Decking								
Plaster	25%	0-2	$6,700	LIFE	* *	5	$2,800	
Worn/Erode, Extent : Moderate, Area Affected : 15%								
Location : Apparatus Room and Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2055	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$2,600	2048	* *			
Ponding, Extent : Severe, Area Affected : 10%								
Location : Apron End To Apparatus Area								
Parking/Driveway								
Asphalt	100%	4+	$1,600	2044	* *			
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Parking Area								
Potholes, Extent : Severe, Area Affected : 2%								
Location : Parking 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								
Molded Case Bkrs	100%			2035	$65,000	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2035	$65,000	5	$300	
Raceway								
Conduit	100%			2035	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	95%			2034	$47,100	5	$300	

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

FIRE DEPARTMENT - 057
ENGINE CO. 69
Asset # : 13057

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								
Braided Cloth	20%	2-4	$6,700	2060	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Thermoplastic	80%			2035	$26,600	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2033	$13,200	1	$3,500	
Generators								
Diesel	100%			2031	$101,800	1	$4,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 78 Kilovolt Amperes, 62 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$400	
Fuel Storage								
Day Tank	50%			2034	$12,800	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Area Outside								
Explanation : One 50 Gallons								
Main Tank	50%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 550 Gallons								
Lighting								
Interior Lighting								
Fluorescent	45%			2030	$44,000	10	$4,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2030	$4,900	10	$500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
LED	50%			2043	* *			
Egress Lighting								
Emergency, Service	45%			2030	$3,100	1		
Emergency, Service	5%			2043	* *	1		
Exit, Service	50%			2030	$2,400	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. 69
Asset # : 13057

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								
LED	20%			2030	$12,100			
No Component	80%							
Alarm								
Security System								
Generic	100%			2040	* *	1	$4,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside At The Entrance								
Explanation : Cameras Security 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								
Plant Campus Steam / PRV	70%			2045	* *	1		
Other Observation, Extent : Light, Area Affected : 70%								
Location : Basement								
Explanation : Con Edison Steam								
Natural Gas	30%			2045	* *	1		
Conversion Equipment								
Furnace	30%			2035	$10,500	1	$1,700	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Roof								
Explanation : 4 Rooftop Gasoline Fired Heating And Cooling Units								
Heat Exchanger, Plate & Frame	70%			2038	* *	1	$3,900	
Other Observation, Extent : Light, Area Affected : 70%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Central Plant Steam Piping/Pmp	70%	Now	$22,100	2035	$221,400	4	$400	
Corroded, Extent : Light, Area Affected : 10%								
Location : Basement. Condensate Pump Corroded								
Malfunctioning, Extent : Severe, Area Affected : 5%								
Location : Throughout. Temperature Control Defective								
No Component	30%							
Terminal Devices								
Convector/Radiator	25%			2040	* *	1	$900	
Convector/Radiator	5%	0-2	$200	2040	* *	1	$200	
Corroded, Extent : Moderate, Area Affected : 50%								
Location : 3rd Floor. Corroded Radiator								
Unit Heater - Steam	40%			2035	$25,600	4	$600	
No Component	30%							

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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. 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								
Controls								
Electrical	100%	2-4	$31,300	2030	$62,500			
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : Throughout.								
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2035	$94,500	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 50%								
Location : 4 Units. Roof								
Window/Wall Unit	10%	0-2	$100	2030	$4,300	1		
Broken, Extent : Light, Area Affected : 5%								
Location : Room 100								
No Component	40%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2035	$19,500	2	$7,800	
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$3,100	
No Component	50%							
Exhaust Fans								
Roof	55%			2035	$12,000	2	$200	
Wall Unit	25%	Now	$100	2035	$1,200	2	$100	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : 1st Floor Operational Area								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : 1st Floor								
Explanation : Air Ventilation Is Poor In 1st Floor Recommending More Wall Units								
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Electric	100%			2033	$23,600	4		
Sanitary Piping								
Cast Iron	100%	0-2	$7,100	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Bathroom								
Storm Drain Piping								
Cast Iron	80%			LIFE	* *	1		
Cast Iron	20%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2030	$2,300	4	$200	

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. 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	90%							
Generic	10%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 100%								
Location : 3rd Floor Sink Leaking Faucets								
Fire Suppression								
Sprinkler								
Generic	100%			2055	* *	1-2	$3,200	
Fire Pump								
Generic	100%	Now	$1,100	2038	* *	1	$1,900	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Leaking In Basement								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 7/ LADDER CO. 1/ BATTALION 1**		
Address	: **100 DUANE STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.007 / 13006**	**Yr Built/Renovated**	: **1905 / 2002**
Area Sq Ft	: **18,890**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **15-Mar-2023**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **150** **Lot** : **25**	**BIN**	: **1001647**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$767,200	
Interior Architecture	$760,600	
Electrical	$71,900	
Total	**$1,599,700**	
Importance Code A	$767,200	
Importance Code B	$832,500	
Total	**$1,599,700**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$73,900			
Interior Architecture	$79,300	$1,700		$1,100
Electrical	$12,800	$1,300	$8,300	$1,300
Mechanical	$10,800	$3,000	$10,000	$2,500
Total	**$176,700**	**$6,000**	**$18,300**	**$4,900**
Importance Code A	$75,800	$1,900	$1,900	$1,900
Importance Code B	$42,000	$3,100	$16,400	$3,100
Importance Code C	$59,000	$1,000		
Total	**$176,700**	**$6,000**	**$18,300**	**$4,900**

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

FIRE DEPARTMENT - 057
ENGINE CO. 7/ LADDER CO. 1/ BATTALION 1
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	$280,800	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								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Dining Area								
Masonry: Granite	5%	Now	$19,200	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Truck Bay Doors								
Masonry: Limestone	10%	2-4	$57,500	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Front Wall								
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 15%								
Location : Front Wall								
Metal Sect. OHD	10%			2047	* *	5	$13,900	
Stucco Cement	5%			2047	* *	5	$5,600	
Windows								
Aluminum	100%	Now	$32,800	2042	* *	5	$1,600	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : 3rd Floor In Gymnasium								
Unit Inoperable, Extent : Severe, Area Affected : 2%								
Location : 3rd Floor Window								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Dining Area								
Parapets								
Masonry: Brick	85%	2-4	$7,400	LIFE	* *	5	$2,700	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Worn/Erode, Extent : Moderate, Area Affected : 30%								
Location : Throughout.								
Masonry: Limestone	15%	0-2	$4,800	LIFE	* *	5	$600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Roof								

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

FIRE DEPARTMENT - 057
ENGINE CO. 7/ LADDER CO. 1/ BATTALION 1
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								
Roof								
Modified Bitumen	95%	Now	$131,800	2039	* *			
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%	Now	$297,100	2064	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Middle Of 2 Skylights								
Corrosion/Rusting, Extent : Severe, Area Affected : 10%								
Location : Hose Tower								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 2%								
Location : Roof								
Interior								
Floors								
Cast in Place Concrete	35%			LIFE	* *	5	$21,600	
Ceramic Tile	5%			2043	* *	5	$1,400	
Quarry Tile	5%			2047	* *	5	$2,100	
Vinyl Tile	20%	Now	$17,100	2039	* *	3	$2,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Throughout 2nd Floor, 3rd Floor								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Throughout 2nd Floor, 3rd Floor								
Vinyl Tile 9" X 9"	10%	Now	$247,600	2044	* *	3	$1,100	
Adhesion Failure, Extent : Severe, Area Affected : 10%								
Location : Throughout 3rd Floor								
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Throughout 3rd Floor								
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Throughout 3rd Floor								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Throughout 3rd Floor								
Worn/Erode, Extent : Severe, Area Affected : 100%								
Location : Throughout 3rd Floor								
Wood	25%	Now	$461,700	2074	* *	5	$6,600	
Deteriorated Finish, Extent : Severe, Area Affected : 10%								
Location : Throughout Corridor, Bunk Room And 2nd Floor								
Dry Rot/Decay, Extent : Severe, Area Affected : 5%								
Location : Throughout Corridor, Bunk Room And 2nd Floor								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Throughout Corridor, Bunk Room And 2nd Floor								
Split/Cracked, Extent : Severe, Area Affected : 5%								
Location : Throughout Corridor, Bunk Room And 2nd 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. 7/ LADDER CO. 1/ BATTALION 1
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								
Interior Walls								
Ceramic Tile	5%			2043	* *	5	$1,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$800	
Gypsum Board	20%			LIFE	* *	5	$4,700	
Masonry: Brick	15%	Now	$24,300	LIFE	* *			
Diagonal Cracks, Extent : Moderate, Area Affected : 100%								
Location : Cellar								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : North Wall Basement								
Plaster	30%	Now	$15,500	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 3rd Floor, Front Wall								
SGFT/Glazed Masonry	25%	Now	$19,100	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%			2047	* *	5	$4,200	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout								
Embossed Metal	55%	Now	$51,300	LIFE	* *	5	$7,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Paint Peeling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Plaster	30%			LIFE	* *	5	$5,300	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2039	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2047	* *			

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

ENGINE CO. 7/ LADDER CO. 1/ BATTALION 1

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%			2034	$16,500	5	$100	
Enclosure Corroded, Extent : Severe, Area Affected : 30%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Service Switch Is Rated 400 Amperes. The Current Transformer Cabinet Is Corroded.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2060	* *	5	$100	
Raceway								
Conduit	80%			2034	$32,300	1		
Conduit	20%			2044	* *	1		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Panelboards								
Fused Disc Sw	10%			2042	* *	5		
Molded Case Bkrs	50%			2056	* *	5	$200	
Molded Case Bkrs	40%			2042	* *	5	$200	
Wiring								
Thermoplastic	80%			2060	* *	1		
Thermoplastic	20%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%	0-2	$11,400	LIFE	* *	5	$300	
Corroded, Extent : Light, Area Affected : 100%								
Location : Basement								
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Transfer Switch Is In Good Condition.								
Lighting								
Interior Lighting								
Fluorescent	40%			2029	$71,900	10	$6,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement, 1st Floor, 2nd Floor, 3rd Floor								
LED	60%			2042	* *			
Egress Lighting								
Emergency, Battery	50%			2034	$17,400	10	$2,300	
Exit, Battery	50%			2034	$14,700	10	$600	
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							

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

FIRE DEPARTMENT - 057
ENGINE CO. 7/ LADDER CO. 1/ BATTALION 1
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
Alarm								
Security System								
Generic	100%			2042	* *	1	$7,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Cameras Security 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								
Natural Gas	100%			2054	* *	1		
Conversion Equipment								
Steam Boiler	100%			2054	* *	1	$18,700	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Distribution								
Central Plant Steam Piping/Pmp	100%			2044	* *	4	$1,400	
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	$6,100	
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Split Unit	10%	0-2	$4,900	2034	$49,100			
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Unit Frequently Break Down								
Window/Wall Unit	40%	0-2	$3,100	2032	$31,400	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : 2 Units On 3rd Floor Are Not Working								
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	$24,600	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Heat Rejection								
No Component	90%							
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. 7/ LADDER CO. 1/ BATTALION 1
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
Ventilation								
Exhaust Fans								
Roof	5%			2034	$2,000	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Kitchen Exhaust								
No Component	95%							
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2039	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$37,400	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 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)								
Non-Submersible	100%			2039	* *	4		$600
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Backflow Preventer								
No Component	90%							
Generic	10%			2042	* *	1		$100
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : At Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	2%			2029	$1,200	1-10		$600
Other Observation, Extent : Light, Area Affected : 2%								
Location : 1st Floor								
Explanation : Over Kitchen Hood								
No Component	98%							

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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 70/ LADDER CO. 53**		
Address	: **169 SCHOFIELD STREET**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.070 / 13058**	**Yr Built/Renovated**	: **1939 /**
Area Sq Ft	: **6,912**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **06-Jul-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5642** **Lot** : **118**	**BIN**	: **2082474**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$68,100
Interior Architecture	$442,500	$100,600
Electrical	$6,000	$48,000
Mechanical		$88,800
Site Enclosure		$54,900
Total	**$448,500**	**$360,400**
Importance Code A		$68,100
Importance Code B	$448,500	$237,400
Importance Code C		$54,900
Total	**$448,500**	**$360,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$10,300			
Interior Architecture	$68,400			$500
Electrical	$10,500	$2,500	$500	$500
Mechanical	$32,700	$36,400	$1,000	$1,000
Site Enclosure	$14,900			
Site Pavements	$22,100			
Total	**$158,900**	**$38,900**	**$1,500**	**$1,900**
Importance Code A	$11,000	$700	$700	$700
Importance Code B	$125,400	$38,200	$800	$1,300
Importance Code C	$22,500			
Total	**$158,900**	**$38,900**	**$1,500**	**$1,900**

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

FIRE DEPARTMENT - 057
ENGINE CO. 70/ LADDER CO. 53
Asset # : 13058

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	82%			LIFE	* *	5	$19,400	
Masonry: Granite	3%			LIFE	* *	5	$500	
Masonry: Limestone	5%			LIFE	* *	5	$900	
Wood Overhead Doors	10%			2031	$68,100	5	$11,900	
Windows								
Aluminum	100%	4+	$5,000	2041	* *	5	$1,100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 40%								
Location : 2nd Floor Office								
Roof								
Asphalt Shingle	100%			2042	* *	10	$2,000	
Soffits								
Wood	100%	4+	$5,300	2038	* *	5	$6,000	
Worn/Erode, Extent : Severe, Area Affected : 20%								
Location : Wood Soffits At Roof Overhang Due To Carpenter Bees								
Interior								
Floors								
Cast in Place Concrete	50%	Now	$442,500	LIFE	* *	5	$11,400	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Apparatus Room								
Explanation : Steel Columns In Basement Are Shoring Up Apparatus Room Floor								
Ceramic Tile	5%	Now	$2,900	2042	* *	5	$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Terrazzo	10%	Now	$48,600	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Shower Stall Area And 2nd Floor Bathroom								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Shower Stall Area And 2nd Floor Bathroom								
Vinyl Tile	35%	4+	$2,000	2033	$100,600	3	$1,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Locker Room And Corridor								
Interior Walls								
Cast in Place Concrete	23%			LIFE	* *			
Ceramic Tile	5%			2042	* *	5	$700	
Marble Panels	2%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$1,900	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$2,600	2050	* *	5	$300	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : 2nd Floor Office And Dining Room, 1st Floor Kitchen								
Exposed Struc: Concrete	20%			LIFE	* *	5	$300	
Plaster	75%	4+	$11,900	LIFE	* *	5	$4,900	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Locker Room And Apparatus 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
ENGINE CO. 70/ LADDER CO. 53
Asset # : 13058

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	50%			2043	* *			
Wood	50%			2031	$54,900			
Retaining Walls								
Cast in Place Concrete	100%	Now	$14,900	2083	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : At Entry To Alleyway								
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 3 Foot High Retaining Wall Has Minor Vertical Cracks At Several Locations								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$22,100	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Concrete Apron Entrance Into Fire House								
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Concrete Driveway Apron Into Fire House								
Explanation : Uneven								
Activity Yard								
Cast in Place Concrete	100%			2038	* *			

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%			2059	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Main Electrical Area								
Explanation : 200 Amperes Capacity								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	50%			2032	$24,800	5	$100	
Molded Case Bkrs	50%			2055	* *	5	$100	
Wiring								
Braided Cloth	30%	2-4	$10,000	2058	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2043	* *	1		
Thermoplastic	50%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$18,200	5		

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.
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FIRE DEPARTMENT - 057
ENGINE CO. 70/ LADDER CO. 53
Asset # : 13058

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	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2050	* *	1	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Transfer Switch								
Generators								
Diesel	100%			2046	* *	1	$2,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : 75 Kilovolt Amperes								
Batteries								
Not Accessible	100%							
Fuel Storage								
Day Tank	100%			2055	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : 120 Gallons Day Capacity								
Lighting								
Interior Lighting								
Fluorescent	10%			2028	$6,000	10	$600	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Fluorescent	80%			2033	$48,000	10	$5,100	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
LED	10%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2033	$5,800	10	$800	
Exit, Battery	50%			2033	$4,900	10	$200	
Exterior Lighting								
Fluorescent	5%			2028	$1,400	10		
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Exterior								
LED	15%			2041	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		

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
ENGINE CO. 70/ LADDER CO. 53
Asset # : 13058

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%			2038	* *	1	$6,900	
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$2,200	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Window/Wall Unit	80%	0-2	$2,100	2027	$20,900	1		
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Various. Three Window Air Condition Units Are Not Working								
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$88,800	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$8,700	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Toilet Backing Up								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Showers Leak Over Kitchen								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Bathrooms								
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2028	$1,200	1-10	$600	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Explanation : Kitchen Fire Suppression System Covers 24 Square Feet								

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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **23-May-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2377** **Lot** : **1**	**BIN**	: **2001400**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$334,200	$184,500
Electrical		$91,100
Mechanical	$119,000	$123,800
Total	**$453,200**	**$399,400**
Importance Code A	$334,200	$308,300
Importance Code B	$119,000	$91,100
Total	**$453,200**	**$399,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$27,700	$3,700		
Interior Architecture	$79,700	$4,200		$700
Electrical	$800	$3,700	$800	$1,100
Mechanical	$39,800	$4,900	$3,900	$42,100
Site Enclosure	$3,100			
Site Pavements	$10,800			
Total	**$161,900**	**$16,500**	**$4,700**	**$43,800**
Importance Code A	$52,500	$4,300	$600	$700
Importance Code B	$61,000	$11,600	$4,100	$43,100
Importance Code C	$48,400	$600		
Total	**$161,900**	**$16,500**	**$4,700**	**$43,800**

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. 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 Cavity	90%	Now	$137,700	LIFE	* *	5	$15,800	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Rear Facade								
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 2%								
Location : Facade At Melrose								
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : All Facades								
Spalling, Extent : Light, Area Affected : 2%								
Location : Facade At Melrose								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Perimeter Walls								
Worn/Erode, Extent : Moderate, Area Affected : 15%								
Location : Perimeter Walls								
Wood Overhead Doors	10%			2052	* *	5	$8,800	
Windows								
Aluminum	95%	Now	$196,500	2060	* *	5	$2,100	
Condensation Present, Extent : Moderate, Area Affected : 10%								
Location : House Watch Window								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 80%								
Location : On Sawtooth Section								
Metal Louvers	5%			2038	* *	10	$1,400	
Parapets								
Masonry: Brick Cavity	30%			LIFE	* *	5	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parapet Walls								
Explanation : Covered With Roofing								
Metal Panel	70%	Now	$5,900	2045	* *	5	$2,800	
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Metal Coping Caulk Joints Failing Throughout								
Roof								
Asphalt Shingle	5%			2038	* *	10	$200	
Built-Up (BUR)	70%	Now	$9,200	2035	$184,500			
Debris on Roof, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 30%								
Location : Center Section Of Flat Roof								
Metal Panel	25%	Now	$8,200	2040	* *			
Caulking Deteriorated, Extent : Moderate, Area Affected : 5%								
Location : Cap Joints At Metal Panels								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Soffits								
Stucco Cement	100%			2048	* *	5	$4,400	
Interior								

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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	$5,900	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Cellar And Concrete Threshold Of Overhead Door								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Communications Room In Cellar And Apparatus Room								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Due To Ground Water Backup Through Floor Drains								
Explanation : Water Damage In Basement, Damage To Base Of Door And Frame								
Ceramic Tile	1%			2038	* *	5	$200	
Ceramic Tile	4%			2048	* *	5	$700	
Recent Installation, Extent : N/A, Area Affected : 75%								
Location : Toilet Rooms								
Sheet Vinyl/Rubber	5%			2040	* *	5	$1,300	
Vinyl Tile	45%			2040	* *	3	$2,900	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Vinyl Tiles								
Explanation : Reports Of Difficult To Clean								
Interior Walls								
Ceramic Tile	1%			2038	* *	5	$200	
Ceramic Tile	4%			2048	* *	5	$900	
Concrete Masonry Unit	35%	Now	$38,100	LIFE	* *	5	$3,200	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement Walls And Ground Water Penetration								
Gypsum Board	30%			LIFE	* *	5	$4,200	
SGFT/Glazed Masonry	30%			LIFE	* *			

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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								
Ceilings								
AcousTileSusp.Lay-In	15%	Now	$900	2048	* *	5	$1,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Room 113								
AcousTileSusp.Lay-In	25%			2048	* *	5	$4,400	
Exposed Struc: Steel	40%	Now	$33,500	LIFE	* *			
Corrosion/Rusting, Extent : Severe, 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								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Metal Decking								
Gypsum Board	20%	0-2	$1,200	LIFE	* *	5	$4,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Mens Locker Room								
Site Enclosure								
Fence/Gates								
Aluminum Picket	50%	Now	$2,600	2055	* *			
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Fence Curb								
Explanation : Concrete Curb Cracking And Crumbling								
Chain Link	50%	0-2	$500	2055	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 2%								
Location : At 155th Street								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$3,600	2048	* *			
Tripping Hazard, Extent : Light, Area Affected : 5%								
Location : At 155th Street 2 Locations								
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			
Parking/Driveway								
Asphalt	100%	Now	$7,200	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Parking Lot								
Ponding, Extent : Severe, Area Affected : 20%								
Location : Parking Lot								
Sinking/Subsiding, Extent : Severe, Area Affected : 10%								
Location : Parking 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

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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%			2045	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	5	$300	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	2%			2043	* *	5		
Molded Case Bkrs	88%			2043	* *	5	$300	
Molded Case Bkrs	10%			2034	$5,000	5		
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$3,600	
Generators								
Diesel	100%			2038	* *	1	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 50 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$400	
Fuel Storage								
Day Tank	5%			2043	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 25 Gallons Rated Capacity								
Main Tank	95%			2050	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Underground								
Explanation : 600 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	90%			2035	$91,100	10	$9,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2043	* *			

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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								
Egress Lighting								
Emergency, Service	50%			2035	$3,600	1		
Exit, Service	50%			2035	$2,500	1		
Exterior Lighting								
HID	10%			2035	$5,400	10		
No Component	90%							

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%			2045	* *	1		
Conversion Equipment								
Hot Water Boiler	100%	0-2	$24,800	2033	$123,800	1	$5,200	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement. Frequent Breakdown And Age Of The Boiler								
Explanation : 3 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	$900	
Terminal Devices								
Convector/Radiator	50%			2033	$47,600	1	$1,900	
Unit Heater - Steam	50%	0-2	$3,300	2030	$33,100	4	$500	
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : Unit Heater In Apparatus Room Is Not Working								
Controls								
Electrical	100%			2030	$64,800			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	20%			2036	$36,900	2	$100	
Window/Wall Unit	60%			2033	$26,500	1		
No Component	20%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2040	* *	2	$8,100	
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$3,200	
No Component	50%							

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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
Ventilation								
Exhaust Fans								
Roof	50%	0-2	$2,300	2035	$11,300	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : One Roof Exhaust Fan								
Wall Unit	50%			2035	$2,500	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$3,000	2045	* *	1		
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Water Main Valve, Basement								
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$2,900	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Basement At Melrose Avenue Side. Frequent Sewer Backup. Drainage Problem At The Apparatus Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	0-2	$500	2035	$2,300	4	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Unit Malfunctioning								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	85%							
Generic	15%			2035	$24,200	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%			2030	$54,300	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression System On Kitchen Hood. 3 Feet X 6 Feet Which Equals 18 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 72**		
Address	: **3929 EAST TREMONT AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.072 / 13060**	**Yr Built/Renovated**	: **1972 /**
Area Sq Ft	: **7,574**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **06-Jul-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5443** **Lot** : **170**	**BIN**	: **2077258**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$822,500	$133,000
Interior Architecture		$317,800
Electrical		$101,800
Site Pavements	$54,400	
Total	**$876,900**	**$552,700**
Importance Code A	$822,500	$133,000
Importance Code B	$54,400	$419,700
Total	**$876,900**	**$552,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$55,700	$17,700		
Interior Architecture	$39,200			$500
Electrical	$3,100	$1,300	$500	$500
Mechanical	$28,100	$65,200	$2,000	$600
Site Enclosure	$6,100			
Site Pavements	$32,600			$100
Total	**$164,800**	**$84,200**	**$2,500**	**$1,800**
Importance Code A	$59,700	$18,200	$400	$400
Importance Code B	$64,100	$66,000	$2,100	$1,300
Importance Code C	$41,000			$100
Total	**$164,800**	**$84,200**	**$2,500**	**$1,800**

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FIRE DEPARTMENT - 057
ENGINE CO. 72
Asset # : 13060

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	$10,400	
Masonry: Brick	80%	Now	$822,500	LIFE	* *	5	$16,600	1
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Loose Units, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 80%								
Location : Throughout All Facades								
Vegetation Growth, Extent : Severe, Area Affected : 10%								
Location : Rear Facade								
Vertical Cracks, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Metal Sect. OHD	5%			2046	* *	5	$3,300	
Window Wall	5%	4+	$600	2043	* *	5	$2,000	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%								
Location : Inner Courtyard								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inner Courtyard								
Explanation : Storefront Glazing Assembly								
Windows								
Aluminum	100%	Now	$28,500	2041	* *	5	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Screens Throughout								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 10%								
Location : 1st Floor Side And Rear, 2nd Floor Dormitory And Court								
Parapets								
Metal Panel	60%			2043	* *	5	$7,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Roof								
Explanation : Metal Coping								
Metal Rail	40%			2038	* *	5-10	$23,100	
Roof								
Modified Bitumen	95%	0-2	$26,600	2033	$133,000			
Blisters, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Patching Evident, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Skylight, Plastic	5%			2038	* *	1		
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 72
Asset # : 13060

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%	Now	$30,700	LIFE	* *	5	$15,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Apparatus Floor Entrance								
Uneven Substrate, Extent : Moderate, Area Affected : 2%								
Location : Apparatus Floor Entrance								
Ceramic Tile	2%			2046	* *	5	$200	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Bathroom								
Mosaic Tile	3%	Now	$1,700	2038	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Main Bathroom								
Quarry Tile	2%			2046	* *	5	$400	
Vinyl Tile 9" X 9"	33%			2033	$317,800	3	$2,000	
Interior Walls								
Cast in Place Concrete	10%	4+	$5,900	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Front Of Cellar								
Ceramic Tile	5%			2042	* *	5	$800	
Concrete Masonry Unit	60%			LIFE	* *	5	$3,700	
Gypsum Board	5%			LIFE	* *	5	$500	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2031	$10,000	5	$600	
Exposed Struc: Concrete	70%			LIFE	* *	5	$1,300	
Plaster	25%			LIFE	* *	5	$1,900	
Site Enclosure								
Fence/Gates								
Cast in Place Concrete	20%	Now	$2,100	2053	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : East Side Of Building								
Chain Link	65%			2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Wood	15%			2031	$19,700			
Free Standing Walls								
Concrete Masonry Unit	100%			2053	* *			
Retaining Walls								
Cast in Place Concrete	100%	4+	$4,000	2068	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Cross Bronx Expressway								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$54,400	2038	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Cross Bronx Expressway, East Tremont Avenue								

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FIRE DEPARTMENT - 057
ENGINE CO. 72
Asset # : 13060

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								
On-Site Walkways								
Asphalt	25%			2036	$900			
Cast in Place Concrete	25%	Now	$300	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : North Side Of Building								
Pavers/Stone	5%			2042	* *			
Wood	45%	2-4	$11,100	2033	$11,100	1-3	$500	
Rotting/Splitting, Extent : Moderate, Area Affected : 100%								
Location : Rear Yard								
Parking/Driveway								
Asphalt	100%	Now	$21,200	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Parking Lot 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								
Molded Case Bkrs	100%			2043	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 200 Amperes								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$200	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 400 Amperes 3 Pole								

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FIRE DEPARTMENT - 057
ENGINE CO. 72
Asset # : 13060

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%			2036	$101,800	1	$2,900	
Enclosure Corroded, Extent : Moderate, Area Affected : 20%								
Location : Backyard								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Backyard								
Explanation : 40 Kilowatt, 50 Kilovolt Amperes 3 Phase								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$300	
Fuel Storage								
Day Tank	100%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Under Enclosure Backyard								
Explanation : 50 Gallons Diesel Fuel								
Lighting								
Interior Lighting								
Fluorescent	10%			2038	* *	10	$700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : 1st And 2nd Floor								
LED	90%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2033	$2,300	1		
Exit, Service	50%			2033	$1,600	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%	Now	$4,000	2046	* *	1	$3,400	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Basement								
Explanation : Slight Drip From Pressure Relief Valve								
Distribution								
Hot Wtr Piping/Pump	100%			2041	* *	4	$400	
Terminal Devices								
Convector/Radiator	90%			2038	* *	1	$2,200	
Unit Heater - Hot Water	10%			2033	$4,500			
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
ENGINE CO. 72
Asset # : 13060

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								
Interior Pkg Unit - Cooling	10%			2031	$12,000	2		
Exterior Pkg Unit - Cooling	20%	Now	$16,600	2043	* *	2	$100	
Abandoned in Place, Extent : Light, Area Affected : 30%								
Location : 1 Unit On Roof								
Split Unit	20%	0-2	$3,600	2028	$36,000			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Unit Is Not Reliable								
Window/Wall Unit	40%	0-2	$2,300	2028	$11,500	1		
Malfunctioning, Extent : Moderate, Area Affected : 40%								
Location : Various Locations. Three Units Are Not Working								
No Component	10%							
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor								
Explanation : Serves Bunk Room								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,200	
Exhaust Fans								
Roof	100%			2038	* *	2	$200	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Kitchen Hood Too Small								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Waste Line At Basement Is Not Properly Piched To Allow Easy Flow To The Sewer								
Storm Drain Piping								
Cast Iron	100%	Now	$1,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Main Sewer Connection								
Sump Pump(s)								
Non-Submersible	100%			2033	$1,500	4	$200	

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. 72
Asset # : 13060

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%			2038	* *	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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **27-Jan-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2675** **Lot** : **33**	**BIN**	: **2094318**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$97,000	$27,700
Mechanical	$222,000	$75,200
Total	**$319,000**	**$102,900**
Importance Code A	$97,000	$27,700
Importance Code B	$222,000	$75,200
Total	**$319,000**	**$102,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$91,000			$1,800
Interior Architecture	$65,800	$1,800	$6,400	$400
Electrical	$2,700	$5,500	$4,000	$2,500
Mechanical	$92,900	$1,600	$4,000	$1,600
Site Enclosure	$1,600			
Site Pavements	$25,200			
Total	**$279,100**	**$8,900**	**$14,400**	**$6,300**
Importance Code A	$91,800	$800	$800	$2,500
Importance Code B	$134,600	$7,500	$13,600	$3,800
Importance Code C	$52,800	$700		
Total	**$279,100**	**$8,900**	**$14,400**	**$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
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	$41,400	LIFE	* *	5	$25,100	
Expansion Joint Failure, Extent : Severe, Area Affected : 10%								
Location : Between E73 And L42								
Masonry: Granite	5%	Now	$13,200	LIFE	* *	5	$1,300	
Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
Location : Front Facade.								
Masonry: Limestone	10%			LIFE	* *	5	$2,500	
Metal Sect. OHD	10%	Now	$36,500	2047	* *	5	$5,200	
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Apparatus Area								
Explanation : Constantly Breaks Down								
Windows								
Aluminum	100%			2050	* *	5	$3,500	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$2,800	
Masonry: Limestone	10%			LIFE	* *	5	$400	
Roof								
Asphalt Shingle	10%			2043	* *	10	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Addition Behind Building								
Explanation : Additional Storage Building On Property								
Modified Bitumen	70%	Now	$97,000	2044	* *			
Drains Clogged, Extent : Light, Area Affected : 2%								
Location : Both Roof Drains Need To Be Cleaned.								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Upper And Lower Roof								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Upper Roof At HVAC Curb								
Modified Bitumen	20%			2034	$27,700	10	$2,500	
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	$19,900	
Ceramic Tile	10%			2043	* *	5	$2,300	
Quarry Tile	5%			2047	* *	5	$1,700	
Worn/Erode, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Vinyl Tile	15%	Now	$28,200	2044	* *	3	$1,300	
Worn/Erode, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor								
Wood	30%			2069	* *	5	$12,800	
Deteriorated Finish, Extent : Light, Area Affected : 15%								
Location : Various Locations Throughout								

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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								
Interior Walls								
Ceramic Tile	5%			2043	* *	5	$1,300	
Gypsum Board	25%	Now	$1,900	LIFE	* *	5	$4,000	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Second Floor Locker Room								
Masonry: Brick	25%	Now	$25,700	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+	$2,600	LIFE	* *	5	$1,600	
Worn/Erode, Extent : Light, Area Affected : 5%								
Location : 3rd Floor Stair.								
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	45%			2047	* *	5	$10,200	
Exposed Struc: Steel	25%			LIFE	* *			
Gypsum Board	20%			LIFE	* *	5	$5,700	
Plaster	10%	4+	$1,400	LIFE	* *	5	$1,400	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Engine Side Common Room								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$1,600	2060	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Rear Of Property								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$4,200	2047	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Front Section Of Basement								
Explanation : Water Penetration								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$21,000	2047	* *			
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								

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. 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
Under 600 Volts							
Service Equipment							
Fused Disc Sw	80%	2044	* *		5	$100	
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Basement							
Explanation : One Main Service Switch Rated At 400 Amperes.							
Fused Disc Sw	20%	2044	* *		5		
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Basement							
Explanation : One Service Switch Rated At 400 Amperes For Emergency Service.							
Switchgear / Switchboard							
Fused Disc Sw	100%	2044	* *		5	$100	
Raceway							
Conduit	100%	2044	* *		1		
Panelboards							
Molded Case Bkrs	100%	2042	* *		5	$400	
Wiring							
Thermoplastic	100%	2044	* *		1		
Motor Controllers							
Locally Mounted	100%	2039	* *		5	$100	
Ground							
Grounding Devices							
Generic	100%	LIFE	* *		5	$200	
Stand-by Power							
Transfer Switches							
Automatic	100%	2047	* *		1	$4,700	
Generators							
Diesel	100%	2043	* *		1	$5,900	
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Outside The Building							
Explanation : Rated At 125 Kilovolt Amperes							
Batteries							
Lead/Acid	100%	2028		$2,500	5	$600	
Fuel Storage							
Day Tank	50%	2050	* *		5		
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Outside The Building							
Explanation : 225 Gallons Rated Capacity							
Main Tank	50%	2062	* *		5		
Other Observation, Extent : N/A, Area Affected : 100%							
Location : Basement							
Explanation : 550 Gallons Rated Capacity							
Lighting							
Interior Lighting							
LED	100%	2042	* *				

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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
Lighting								
Egress Lighting								
Emergency, Service	30%			2039	* *	1		
Emergency, Battery	30%			2039	* *	10	$1,100	
Exit, Battery	30%			2039	* *	10	$300	
Exit, Battery	10%			2034	$2,100	10	$100	
Exterior Lighting								
LED	20%			2039	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Photocell								
No Component	80%							
Alarm								
Security System								
Generic	100%			2039	* *	1	$5,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside The Building								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2034	$39,100	1-3	$9,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Central Control Panel, Smoke Detection.								

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								
Hot Water Boiler	50%			2039	* *	1	$3,800	
Hot Water Boiler	50%			2047	* *	1	$3,800	
Distribution								
Hot Wtr Piping/Pump	50%	0-2	$800	2042	* *	4	$400	
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement. Boiler Header Piping								
No Component	50%							
Terminal Devices								
Convector/Radiator	30%			2039	* *	1	$1,500	
Fan Coil Unit/Heat	20%			2034	$75,200	1	$1,000	
No Component	50%							
Controls								
Electrical	100%	0-2	$42,200	2029	$84,300			
Broken, Extent : Moderate, Area Affected : 100%								
Location : Throughout. Defective Thermostat								
Air Conditioning								

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. 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
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%	2-4	$137,600	2044	* *	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 6 Units, Roof								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Explanation : Units Past Useful Life. Prone To Failures, Requires Frequent Repair.								
Split Unit	10%	0-2	$3,600	2039	* *			
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Gymnasium								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement Gymnasium								
Explanation : 1 Unit, R-410a								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	$33,300	LIFE	* *	2-5	$8,500	
Unbalanced System, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And 1st Floor Television Waiting Room								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Explanation : Rain Gets Into The Ductwork From Air Intakes Of Rooftop Units.								
Exhaust Fans								
Roof	100%	0-2	$1,500	2034	$29,400	2	$400	
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Kitchen Exhaust								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallon Units								
Sanitary Piping								
Cast Iron	100%	0-2	$9,600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Restroom And The Parking Lot								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$500	4	$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.
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*** 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%			2044	* *	1-2	$4,200	
Chemical System								
No Component	98%							
Generic	2%			2029	$1,200	1-10	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression System Covers 72 Square Feet (12x6).								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	:	**ENGINE CO. 74**			
Address	:	**120 WEST 83rd STREET BTWN COLUMBUS AV - AMSTERDAM AV**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**N/A**
Program / Asset #	:	**FIRSECO.074 / 13062**	**Yr Built/Renovated**	:	**1888 / 2011**
Area Sq Ft	:	**6,003**	**Project Type**	:	**FIRE DEPARTMENT**
Date of Survey	:	**09-Mar-2025**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3,4**			
Block	:	**1213** **Lot** : **41**	**BIN**	:	**1032079**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$135,400
Mechanical		$77,100
Total		**$212,500**
Importance Code B		$212,500
Total		**$212,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$31,400	$500	$4,500	
Interior Architecture	$13,200	$3,200	$1,300	$600
Electrical	$900	$700	$600	$600
Mechanical	$7,800	$1,300	$2,100	$1,400
Site Enclosure	$5,700			
Total	**$59,200**	**$5,700**	**$8,600**	**$2,700**
Importance Code A	$32,000	$1,100	$5,100	$600
Importance Code B	$14,900	$4,600	$2,400	$2,100
Importance Code C	$12,300		$1,100	
Total	**$59,200**	**$5,700**	**$8,600**	**$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
ENGINE CO. 74
Asset # : 13062

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	1%			2046	* *	10	$100	
Masonry: Brick	79%			LIFE	* *	5	$45,200	
Masonry: Brownstone	10%			LIFE	* *	5	$4,300	
Metal Sect. OHD	10%			2049	* *	5	$8,900	
Windows								
Aluminum	100%			2058	* *	5	$1,000	
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$4,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Interior Parapet								
Explanation : Roofing Installed On Interior Of Parapet								
Metal Cornice	10%			2064	* *	10	$200	
Roof								
Asphalt Shingle	10%			2045	* *	10	$100	
Modified Bitumen	90%	Now	$2,700	2044	* *			
Blisters, Extent : Severe, Area Affected : 5%								
Location : Rear Roof Drain								
Interior								
Floors								
Cast in Place Concrete	25%			LIFE	* *	5	$8,900	
Ceramic Tile	5%			2049	* *	5	$400	
Quarry Tile	5%			2053	* *	5	$600	
Sheet Vinyl/Rubber	5%			2036	$26,700	5	$600	
Vinyl Tile	60%			2036	$135,400	3	$2,400	
Interior Walls								
Ceramic Tile	20%			2049	* *	5	$2,200	
Gypsum Board	35%			LIFE	* *	5-10	$6,700	
Masonry: Brick	10%			LIFE	* *	10	$300	
Plaster	25%			LIFE	* *	5-10	$2,400	
Plywood/Hardboard	5%			LIFE	* *	10	$100	
Worn/Erode, Extent : Light, Area Affected : 25%								
Location : Throughout								
SGFT/Glazed Masonry	5%			LIFE	* *	10	$300	
Ceilings								
AcousTileSusp.Lay-In	70%			2053	* *	5	$5,700	
Embossed Metal	20%			LIFE	* *	5	$1,500	
Plaster	10%			LIFE	* *	5-10	$1,400	
Site Enclosure								
Fence/Gates								
Chain Link	100%	2-4	$5,700	2046	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Free Standing Walls								
Masonry: Brick	100%			2056	* *			
Site Pavements								

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

FIRE DEPARTMENT - 057
ENGINE CO. 74
Asset # : 13062

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%			2049	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2049	* *			
Activity Yard								
Cast in Place Concrete	100%			2049	* *			

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%			2062	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2062	* *	5	$200	
Raceway								
Conduit	100%			2062	* *	1		
Panelboards								
Fused Disc Sw	5%			2058	* *	5		
Molded Case Bkrs	95%			2058	* *	5	$200	
Wiring								
Thermoplastic	100%			2062	* *	1		
Motor Controllers								
Locally Mounted	100%			2053	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main Pipe Grounded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2053	* *	1	$1,900	
Generators								
Natural Gas	100%			2049	* *	1	$2,300	
Batteries								
Lead/Acid	100%			2031	$2,500	5	$200	
Lighting								
Interior Lighting								
LED	100%			2044	* *			
Egress Lighting								
Emergency, Service	50%			2044	* *	1		
Exit, Service	50%			2044	* *	1		

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

FIRE DEPARTMENT - 057
ENGINE CO. 74
Asset # : 13062

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								
LED	20%			2044	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2044	* *	1	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor Only								
Explanation : CCTV 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								
Natural Gas	100%			2056	* *	1		
Conversion Equipment								
Steam Boiler	100%			2049	* *	1	$5,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Central Plant Steam Piping/Pmp	100%			2046	* *	4	$300	
Terminal Devices								
Convector/Radiator	100%			2041	* *	1	$1,900	
Controls								
Electrical	100%			2034	$33,400			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Heat Pump Air Sourced	10%			2037	* *	2		
Split Unit	30%	0-2	$2,100	2041	* *			
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Apparatus Room. Condensate Is Leaking At Apparatus Room								
Window/Wall Unit	50%	0-2	$200	2034	$11,400	1		
Broken, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor								
No Component	10%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2041	* *	2	$4,200	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 74
Asset # : 13062

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%			2036	$77,100	1		
Not Insulated, Extent : Moderate, Area Affected : 100%								
Location : Basement								
No Water Meter, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,100	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Rear Yard								
Explanation : Backs Up When It Rains Hard								
Sump Pump(s)								
Non-Submersible	100%	Now	$1,200	2046	* *	4	$100	
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Basement. Sump Pump Is Not Working								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Pits With Pumps								
Backflow Preventer								
No Component	95%							
Generic	5%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Boiler Only								
Fire Suppression								
Sprinkler								
No Component	97%							
Generic	3%			2056	* *	1-2		

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. 74
Asset # : 13062

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								
Wet	10%			2034	$5,400	1-10	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Model Kp 275 For Kitchen Hood								
No Component	80%							
Generic	10%			2034	$5,800	1-10	$2,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : One Set Fire Suppression On Hood 3 Feet X 8 Feet Which Equals 24 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **03-May-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3186** **Lot** : **37**	**BIN**	: **2000000**

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$3,700		$9,900	$1,000
Interior Architecture	$77,900	$2,900		$900
Electrical	$36,500	$2,000	$10,900	$2,300
Mechanical	$1,500	$800	$7,300	$1,000
Total	**$119,500**	**$5,800**	**$28,100**	**$5,200**
Importance Code A	$4,300	$600	$14,500	$1,700
Importance Code B	$98,600	$3,700	$13,600	$3,600
Importance Code C	$16,600	$1,500		
Total	**$119,500**	**$5,800**	**$28,100**	**$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. 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	$12,500	
Metal Sect. OHD	10%			2047	* *	5	$7,300	
Pre-cast Concrete	5%			LIFE	* *	5	$3,800	
Windows								
Aluminum	100%			2050	* *	5	$2,100	
Parapets								
Concrete Masonry Unit	85%			LIFE	* *	5	$6,100	
Pre-cast Concrete	15%			LIFE	* *	5	$6,000	
Roof								
Modified Bitumen	60%			2039	* *	10	$9,900	
Plaza Roof: Stone Panels	40%			2054	* *			
Soffits								
Exposed Struc: Steel	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	40%	Now	$12,800	LIFE	* *	5	$16,400	
Horizontal Cracks, Extent : Light, Area Affected : 20%								
Location : Basement And Apparatus Floor.								
Ceramic Tile	15%			2043	* *	5	$2,800	
Quarry Tile	5%	Now	$13,800	2047	* *	5	$700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Kitchen								
Uneven Substrate, Extent : Severe, Area Affected : 20%								
Location : Kitchen								
Vinyl Tile	40%			2039	* *	3	$3,800	
Interior Walls								
Ceramic Tile	15%			2043	* *	5	$2,900	
Concrete Masonry Unit	45%	Now	$16,600	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	$4,700	
Ceilings								
AcousTileSusp.Lay-In	45%	Now	$2,800	2047	* *	5	$4,200	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : 2nd Floor Laundry Room.								
Exposed Struc: Concrete	55%	Now	$30,900	LIFE	* *	5	$1,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 4%								
Location : Roof Stair Bulkhead And Basement Below Kitchen								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2054	* *			
Iron Picket	50%			2069	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Site Enclosure								
Free Standing Walls								
Concrete Masonry Unit	100%			2054	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Asphalt	80%			2043	* *			
Cast in Place Concrete	20%			2047	* *			

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	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Vertical Section								
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	$300	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor Right Corner								
Explanation : Connected To The Main Water Supply								
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$3,900	

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

FIRE DEPARTMENT - 057
ENGINE CO. 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
Stand-by Power								
Generators								
Diesel	100%			2037	* *	1	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : 80 Kilovolt Amperes Rating Capacity								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$500	
Fuel Storage								
Main Tank	100%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : 60 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	5%			2029	$5,400	10	$600	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Corridor								
LED	95%			2039	* *			
Egress Lighting								
Emergency, Service	50%			2034	$3,900	1		
Exit, Service	50%			2029	$2,700	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2042	* *	1	$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Only								
Explanation : Cameras Security System								
Fire/Smoke Detection								
Generic, Digital	100%	0-2	$32,300	2044	* *	1-3	$7,000	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors 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	100%			2054	* *	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. 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
Heating								
Conversion Equipment								
Furnace	50%			2039	* *	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Gasoline Fired Heating, Cooling Units								
Furnace	10%			2029	$3,900	1	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Rooftop Unit								
Hot Water Boiler	40%			2047	* *	1	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 In Basement, 1 In 2nd Floor								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	40%			2050	* *	4	$200	
No Component	60%							
Terminal Devices								
Convector/Radiator	25%			2047	* *	1	$1,000	
Unit Heater - Hot Water	15%			2039	* *			
No Component	60%							
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2039	* *	2	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 6 Units, R-410a Refrigerant								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,000	
Exhaust Fans								
Roof	100%			2039	* *	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2032	$8,500	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 74 Gallon Unit								
Gas Fired	50%	0-2	$200	2032	$8,500	2		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : Basement								
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
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
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Occasional Backup At Apparatus Room During Heavy Rainfall								
Sump Pump(s)								
Non-Submersible	70%			2039	* *	4	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Duplex Unit								
Submersible	30%	Now	$100	2029	$100	4	$100	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Basement Oil Tank Room. It Causes Flooding At Basement Seriously.								
Backflow Preventer								
Generic	100%			2034	$5,600	1	$800	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2029	$1,200	1-10	$600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression System Covers 24 Square Feet (6x4)								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **18-Jan-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **1855** **Lot** : **5**	**BIN**	: **1055910**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$167,100	
Electrical	$66,700	
Mechanical	$58,100	$118,200
Total	**$292,000**	**$118,200**
Importance Code B	$292,000	$118,200
Total	**$292,000**	**$118,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$3,900			$5,600
Interior Architecture	$27,200	$900		$800
Electrical	$500	$500	$600	$7,500
Mechanical	$30,600	$2,700	$4,800	$32,700
Site Enclosure	$5,000			
Total	**$67,200**	**$4,200**	**$5,400**	**$46,500**
Importance Code A	$26,600			$5,600
Importance Code B	$31,500	$4,200	$5,400	$40,900
Importance Code C	$9,100			
Total	**$67,200**	**$4,200**	**$5,400**	**$46,500**

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

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	5%			2055	* *	10	$300	
Masonry: Brick	70%			LIFE	* *	5	$15,600	
Masonry: Granite	5%			LIFE	* *	5	$800	
Masonry: Limestone	10%			LIFE	* *	5	$1,700	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Street Facade								
Wood Overhead Doors	10%			2040	* *	5	$11,100	
Windows								
Aluminum	100%			2057	* *	5	$600	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$2,400	
Masonry: Brick	80%			LIFE	* *	5	$1,200	
Roof								
Modified Bitumen	100%	Now	$3,600	2040	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Adjacent Roof Stairs								
Interior								
Floors								
Cast in Place Concrete	50%	Now	$15,000	LIFE	* *	5	$19,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Apparatus Room								
Ceramic Tile	5%	0-2	$1,000	2038	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Locker Room								
Mosaic Tile	5%	Now	$82,600	2055	* *	5	$1,100	
Worn/Erode, Extent : Severe, Area Affected : 100%								
Location : Officer Room, Laundry Room And Toilets								
Quarry Tile	5%	Now	$1,300	2048	* *	5	$700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Night Watch Room								
Vinyl Tile	5%	Now	$500	2040	* *	3	$300	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vinyl Tile 9" X 9"	30%	Now	$84,500	2045	* *	3	$2,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Second Floor Corridor, Bunk Room								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Locker Rooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Interior								
Interior Walls								
Ceramic Tile	10%	Now	$1,300	2038	* *	5	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Gypsum Board	10%			LIFE	* *	5	$700	
Plaster	20%	Now	$2,800	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Locker Room And Bunk Room								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Rear Stair, Bunk Room And Locker								
SGFT/Glazed Masonry	60%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2048	* *	5	$1,800	
Exposed Struc: Concrete	40%			LIFE	* *	5	$1,100	
Plaster	50%	Now	$5,400	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Rear Stair Ceiling								
Site Enclosure								
Fence/Gates								
Chain Link	100%	4+	$5,000	2045	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 60%								
Location : Throughout Fence								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2040	* *			

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%			2035	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2034	$2,500	5		
Molded Case Bkrs	95%			2034	$47,100	5	$300	
Wiring								
Thermoplastic	100%			2035	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2033	$18,200	5	$100	
Lighting								

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FIRE DEPARTMENT - 057

ENGINE CO. 76/ LADDER CO. 22 CO-LOCATE (PRECINCT 24)

Asset # : 13064

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	30%			2030	$33,400	10	$3,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : First Floor And Second Floor								
Fluorescent	30%			2030	$33,400	10	$3,500	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Second Floor								
LED	40%			2043	* *			
Egress Lighting								
Emergency, Battery	50%			2043	* *	10	$1,500	
No Component	50%							
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2045	* *	1	$4,800	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								

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 :								
Explanation : The Heating Source Is From Adjacent Building Which Is The Police Station								
Conversion Equipment								
Steam Boiler Central Plant	50%	0-2	$22,700	2048	* *			
Controller Not Working, Extent : Severe, Area Affected : 100%								
Location : Throughout. No Capability For Control Of Heating. Heating Is Centrally Controlled. Insufficient Heating For Fire House.								
Not Accessible	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : The Heating Source Is From Adjacent Building Which Is The Police Station								
Distribution								
Hot Wtr Piping/Pump	100%			2043	* *	4	$900	

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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
Heating								
Terminal Devices								
Convector/Radiator	50%			2040	* *	1	$2,100	
Convector/Radiator	10%	0-2	$1,000	2040	* *	1	$400	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Various								
Explanation : Missing Radiator Cover								
Unit Heater - Steam	40%			2035	$29,100	4	$700	
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	10%			2040	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roof								
Explanation : 1 Unit. R-410a								
Window/Wall Unit	50%			2030	$24,300	1		
No Component	40%							
Heat Rejection								
Dry Cooler	100%			2035	$35,300	2	$8,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Condenser For The Split Unit.								
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,400	
No Component	80%							
Exhaust Fans								
Roof	20%			2035	$5,000	2	$100	
Wall Unit	30%	0-2	$200	2030	$1,700	2	$100	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Second Floor. Missing Duct And Grille								
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2045	* *	1		
Brass/Copper	10%	0-2	$1,600	2045	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement. Corroded Hot Water Piping								
Water Heater With Tanks								
Electric	100%			2033	$118,200	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor								
Explanation : Two 120 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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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
Plumbing								
Fixtures								
Generic	90%							
Obsolete Fixtures, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Generic	10%							
Leaking Faucets/Valves/Heads, Extent : Severe, Area Affected : 100%								
Location : Second Floor And Kitchen Area. Slop Sink Damaged Faucets And Clogged Kitchen Drain								
Fire Suppression								
Chemical System								
Generic	100%			2030	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression On The Hood 4 Feet X 8 Feet Which Equals 32 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 79**		
Address	: **2928 BRIGGS AVENUE @ E.199 ST**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.079 / 13065**	**Yr Built/Renovated**	: **1904 / 2009**
Area Sq Ft	: **6,804**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **01-Jun-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3297** **Lot** : **9**	**BIN**	: **2016936**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical		$101,800
Site Enclosure	$90,800	
Total	**$90,800**	**$101,800**
Importance Code B		$101,800
Importance Code C	$90,800	
Total	**$90,800**	**$101,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$9,100	$2,000		
Interior Architecture	$38,600			$500
Electrical	$15,900	$800	$700	$700
Mechanical	$22,700	$60,800	$1,100	$1,000
Site Pavements	$13,500			
Total	**$99,700**	**$63,500**	**$1,800**	**$2,200**
Importance Code A	$9,800	$2,700	$700	$700
Importance Code B	$76,400	$60,800	$1,200	$1,500
Importance Code C	$13,600			
Total	**$99,700**	**$63,500**	**$1,800**	**$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. 79
Asset # : 13065

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	5%			2053	* *	10	$100	
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$1,300	
Masonry: Brick	80%			LIFE	* *	5	$6,500	
Painted Surfaces, Extent : Moderate, Area Affected : 25%								
Location : South Facade								
Other Observation, Extent : Light, Area Affected : 5%								
Location : North Facade								
Explanation : Partial Cement Parge Coating Above 2nd Floor Windows								
Masonry: Granite	3%			LIFE	* *	5	$200	
Wood Overhead Doors	10%			2038	* *	5	$4,100	
Windows								
Aluminum	100%	4+	$1,900	2049	* *	5	$100	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Parapets								
Masonry: Brick	90%	4+	$2,600	LIFE	* *	5	$1,000	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 2%								
Location : Parapet Base								
Pre-cast Concrete	10%			LIFE	* *	5	$700	
Roof								
Asphalt Shingle	5%			2042	* *	10	$100	
Modified Bitumen	92%	4+	$4,600	2038	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Skylight, Metal/Glass	3%			2043	* *	10	$900	
Soffits								
Wood	100%			2046	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Addition								
Explanation : Exposed Wood Sheathing Is Located Under Dining Area Building Addition								
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 79
Asset # : 13065

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%	2-4	$19,500	LIFE	* *	5	$10,000	
Uneven Substrate, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Ceramic Tile	5%	Now	$12,900	2042	* *	5	$200	
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Second Floor Restroom								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Over Apparatus Floor								
Ceramic Tile	5%			2042	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen And Dining Areas								
Explanation : This Is Actually Large Format Ceramic Tile								
Vinyl Tile	40%	4+	$5,100	2038	* *	3	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Second Floor								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Second Floor								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$300	
Gypsum Board	5%			LIFE	* *	5	$200	
Masonry: Brick	40%			LIFE	* *			
Masonry: Fieldstone	5%			LIFE	* *			
Plaster	40%			LIFE	* *	5	$600	
Wood	5%			LIFE	* *	5	$1,000	
Ceilings								
AcousTileSusp.Lay-In	5%	4+	$800	2046	* *	5	$200	
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Bunk Room								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Apparatus Floor								
Embossed Metal	40%			LIFE	* *	5	$1,700	
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$1,700	
Plaster	20%			LIFE	* *	5	$1,100	
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%	Now	$90,800	2043	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Site Pavements								

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FIRE DEPARTMENT - 057
ENGINE CO. 79
Asset # : 13065

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%			2038	* *			
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Sidewalk Hatch								
Explanation : Water Penetration								
On-Site Walkways								
Cast in Place Concrete	100%	4+	$11,400	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Rear Yard								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$2,100	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Driveway Apron At Front Entrance								

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 : Main Service Switch Rated At 200 Amperes								
Raceway								
Conduit	50%			2033	$18,400	1		
Conduit	50%			2043	* *	1		
Panelboards								
Molded Case Bkrs	20%			2041	* *	5		
Molded Case Bkrs	80%			2032	$39,700	5	$100	
Wiring								
Thermoplastic	50%			2033	$16,600	1		
Thermoplastic	50%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$2,100	
Generators								
Diesel	100%			2036	$101,800	1	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 81 Kilovolt Amperes								

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

FIRE DEPARTMENT - 057
ENGINE CO. 79
Asset # : 13065

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%			2027	$2,500	5	$300	
Fuel Storage								
Day Tank	100%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : 60 Gallons								
Lighting								
Interior Lighting								
Fluorescent	35%			2033	$20,700	10	$2,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	2%			2033	$1,200	10	$100	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : 2nd Floor								
Incandescent	10%			2033	$8,400	2		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Halogen Light								
LED	53%			2041	* *			
Egress Lighting								
Emergency, Service	40%			2033	$1,700	1		
Emergency, Battery	10%			2033	$1,100	10	$200	
No Component	50%							
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%	0-2	$12,800	2043	* *	1	$2,300	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Throughout The 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								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2038	* *	1	$6,700	
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$2,200	
Air Conditioning								

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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. 79
Asset # : 13065

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%			2041	* *	1		
Conversion Equipment								
Split Unit	15%			2028	$24,200			
Unit Inoperable, Extent : Moderate, Area Affected : 15%								
Location : Roof. Unit Is Undersized And Malfunctioning								
Window/Wall Unit	40%			2028	$10,300	1		
No Component	45%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$600	
No Component	85%							
Exhaust Fans								
Interior	10%			2028	$3,000	2		
Roof	15%			2028	$2,000	2		
No Component	75%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallon Units								
Gas Fired	50%	0-2	$17,100	2033	$17,100	2		
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Sanitary Piping								
Cast Iron	100%	Now	$4,300	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 10%								
Location : Basement. Backups At Basement								
Leak Evident, Extent : Moderate, Area Affected : 30%								
Location : Basement And 1st Floor								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
No Component	95%							
Generic	5%			2028	$2,900	1-10	$1,500	
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Kitchen								
Explanation : Kitchen Fire Suppression System Covers 18 Square Feet								

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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 8**				
Address	: **165 EAST 51st STREET**				
Borough	: **MANHATTAN**			**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.008 / 13007**			**Yr Built/Renovated**	: **1961 / 2006**
Area Sq Ft	: **9,897**			**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **26-Apr-2024**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1,2**				
Block	: **1306**	**Lot**	: **33**	**BIN**	: **1036462**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical	$58,100	$440,400
Total	**$58,100**	**$440,400**
Importance Code B	$58,100	$440,400
Total	**$58,100**	**$440,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$34,800	$10,300		
Interior Architecture	$45,200	$600	$1,100	$700
Electrical	$600	$800	$600	$1,700
Mechanical	$14,600	$7,500	$4,900	$7,300
Total	**$95,100**	**$19,100**	**$6,600**	**$9,800**
Importance Code A	$34,800	$10,300		
Importance Code B	$55,900	$8,800	$5,500	$9,800
Importance Code C	$4,400		$1,100	
Total	**$95,100**	**$19,100**	**$6,600**	**$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
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	30%			LIFE	* *	5	$1,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Entire Floor Area								
Explanation : This Facility Is Part Of A Mid Rise Structure.								
Metal/Glass Curt Wall	35%			LIFE	* *	5	$3,200	
Metal Sect. OHD	35%			2048	* *	5	$5,300	
Windows								
Aluminum	50%	Now	$34,800	2051	* *	5	$600	
Air Infiltration, Extent : Severe, Area Affected : 50%								
Location : 2nd Floor Office								
Metal Louvers	50%			2038	* *	10	$7,600	
Interior								
Floors								
Cast in Place Concrete	45%	Now	$28,400	LIFE	* *	5	$14,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout The Apparatus Floor								
Spalling, Extent : Severe, Area Affected : 25%								
Location : Throughout The Apparatus Floor								
Ceramic Tile	10%	Now	$4,200	2044	* *	5	$700	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : 1st Floor Bathroom Floor Drain Backup								
Quarry Tile	5%			2048	* *	5	$1,100	
Vinyl Tile	40%	Now	$3,300	2040	* *	3	$2,200	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Company Office From Abutting Property								
Interior Walls								
Ceramic Tile	10%			2044	* *	5	$2,100	
Gypsum Board	30%	Now	$4,400	LIFE	* *	5	$3,800	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Company Office From Abutting Property								
Plaster	10%			LIFE	* *	5	$600	
SGFT/Glazed Masonry	50%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	40%	0-2	$2,200	2048	* *	5	$1,300	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Multiple Locations At The Second Floor								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout								
Exposed Struc: Concrete	10%			LIFE	* *	5	$100	
Gypsum Board	50%	Now	$2,800	LIFE	* *	5	$4,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Storage Room And Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Room From Bathroom Above								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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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
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			

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%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2051	* *	5		
Molded Case Bkrs	95%			2051	* *	5	$200	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5	$100	
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$1,200	
Exit, LED	50%			2063	* *	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2040	* *	1-3	$6,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Strobe Lights, Manual Pull Stations, Alarm Bells 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								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Heating Source Provided By The Main Building								
Explanation : Building Services Provides Forced Hot Air								

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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
Heating								
Conversion Equipment								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Heating Source Provided By The Building								
Distribution								
Hot Wtr Piping/Pump	50%			2043	* *	4	$400	
No Component	50%							
Terminal Devices								
Air Handler	50%	Now	$9,300	2035	$93,100	1	$2,800	
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor Fan Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Supplement Heating Devices Being Used Due To Insufficient Heat Provided From The Building.								
Convector/Radiator	20%			2033	$16,200	1	$600	
Unit Heater - Hot Water	30%			2035	$17,600			
Controls								
Not Accessible	100%							
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	30%			2035	$70,500			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Units, Various								
Window/Wall Unit	10%			2030	$3,700	1		
Not Accessible	60%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Throughout								
Explanation : Supplement Cooling Devices Being Used Due To Insufficient Air Conditioning Provided From The Building.								
Terminal Devices								
Air Handler/Cool/Ht	60%			2035	$115,200	1	$3,700	
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : See Heating Devices Section.								
Fan Coil - 2 Pipe	30%			2035	$90,600	1	$1,000	
No Component	10%							
Heat Rejection								
Evaporative Condenser	30%			2035	$15,600	2	$2,100	
No Component	70%							
Ventilation								

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** *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
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Poor Ventilation Throughout								
Explanation : The Air Circulation Is Very Poor Due To The Building Setup.								
Exhaust Fans								
Interior	100%			2035	$43,900	2	$300	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Poor Ventilation Throughout								
Explanation : The Air Circulation Is Very Poor Due To The Building Setup.								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Electric	60%			2035	$42,600	4		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : One 100 Gallon Unit, Apparatus Floor								
Electric	40%			2033	$28,400	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Fan Room								
Explanation : One 60 Gallon Unit								
Sanitary Piping								
Cast Iron	90%			LIFE	* *	1		
Cast Iron	10%	0-2	$1,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Water Feed From Landlord								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2045	* *	1-2	$2,800	
Fire Pump								
Not Accessible	100%							
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 80/ LADDER CO. 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	: **27-Dec-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2071** **Lot** : **27**	**BIN**	: **1075504**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$479,000	
Mechanical		$117,400
Total	**$479,000**	**$117,400**
Importance Code A	$479,000	
Importance Code B		$117,400
Total	**$479,000**	**$117,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$70,000	$6,100		
Interior Architecture	$20,300	$2,300	$2,900	$1,200
Electrical	$700	$800	$3,400	$1,000
Mechanical	$17,200	$4,800	$4,300	$6,700
Total	**$108,200**	**$13,900**	**$10,600**	**$8,900**
Importance Code A	$71,000	$7,100	$1,100	$1,200
Importance Code B	$37,200	$6,800	$6,700	$7,700
Importance Code C			$2,900	
Total	**$108,200**	**$13,900**	**$10,600**	**$8,900**

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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. 80/ LADDER CO. 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%	Now	$479,000	LIFE	* *	5	$29,100	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 25%								
Location : Street Facade. Upper Story								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Street Facade. Upper Right Corner And Left Elevation								
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : Street Facade. Upper Right Corner								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Kitchen Wall At Rear								
Explanation : Water Penetrating During Heavy Rain								
Masonry: Limestone	15%	0-2	$22,900	LIFE	* *	5	$4,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Front Facade At Base								
Metal Sect. OHD	10%			2048	* *	5	$12,100	
Windows								
Aluminum	100%			2051	* *	5	$2,800	
Parapets								
Masonry: Brick	25%			LIFE	* *	5	$600	
Masonry: Brick	50%	Now	$3,100	LIFE	* *	5	$1,200	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Third Floor Gymnasium Street Facade								
Masonry: Limestone	15%			LIFE	* *	5	$500	
Other Observation, Extent : N/A, Area Affected : 15%								
Location : Front Parapet								
Explanation : Four Diagonal Steel Bracing With Pitch Pockets								
Pre-cast Concrete	5%			LIFE	* *	5	$800	
Slate	5%			LIFE	* *	5	$100	
Roof								
Modified Bitumen	97%	0-2	$41,700	2040	* *			
Blisters, Extent : Severe, Area Affected : 30%								
Location : Main Roof								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Main Roof								
Skylight, Metal/Glass	3%	0-2	$2,200	2055	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : Skylight Base								
Soffits								
Cast Stone/Terra Cotta	100%			LIFE	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Facade								
Explanation : Architectural Cornice								
Interior								

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

FIRE DEPARTMENT - 057
ENGINE CO. 80/ LADDER CO. 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
Interior								
Floors								
Cast in Place Concrete	37%	4+	$10,100	LIFE	* *	5	$12,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Back Up From Floor Drains In Heavy Storms								
Ceramic Tile	5%	Now	$2,300	2044	* *	5	$400	
Worn/Erode, Extent : Severe, Area Affected : 15%								
Location : Locker Rooms								
Quarry Tile	3%			2040	* *	5	$700	
Vinyl Tile	40%	0-2	$3,500	2040	* *	3	$2,400	
Uneven Surface, Extent : Moderate, Area Affected : 15%								
Location : Second And Third Floors								
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Second And Third Floors								
Wood	15%			2063	* *	5	$4,500	
Interior Walls								
Ceramic Tile	30%			2044	* *	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%	Now	$4,500	2048	* *	5	$2,700	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Embossed Metal	10%			LIFE	* *	5	$700	
Exposed Struc: Concrete	20%			LIFE	* *	5	$500	
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$2,900	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Middle Area								
Explanation : Serves As Atrium Between Kitchen And Apparatus 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								

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

FIRE DEPARTMENT - 057
ENGINE CO. 80/ LADDER CO. 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								
Service Equipment								
Molded Case Bkrs	100%			2055	* *	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$300	
Raceway								
Conduit	100%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2051	* *	5		
Molded Case Bkrs	95%			2051	* *	5	$300	
Wiring								
Thermoplastic	100%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2048	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$3,300	
Generators								
Diesel	100%			2044	* *	1	$4,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 80 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$400	
Fuel Storage								
Day Tank	20%			2051	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 100 Gallons Rated Capacity								
Main Tank	80%			2063	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, LED	50%			2063	* *	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							

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

FIRE DEPARTMENT - 057
ENGINE CO. 80/ LADDER CO. 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
Heating								
Energy Source								
Natural Gas	100%			2055	* *	1		
Conversion Equipment								
Steam Boiler	100%			2048	* *	1	$10,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2055	* *			
Terminal Devices								
Convector/Radiator	70%			2048	* *	1	$2,400	
Unit Heater - Steam	30%			2040	* *	4	$400	
Controls								
Electrical	100%			2033	$59,300			
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	35%			2040	* *	2	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units. R - 410 A Refrigerant								
Exterior Pkg Unit - Cooling	20%	Now	$4,700	2045	* *	2	$100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Roof. Air Conditioning Unit Serving Third Floor Is Not Working								
Window/Wall Unit	5%			2030	$2,000	1		
No Component	40%							
Heat Rejection								
Air Cooled Condenser Unit	55%			2040	* *	2	$4,100	
No Component	45%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%	0-2	$4,700	LIFE	* *	2-5	$300	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Unit For Second Floor Condensate Is Leaking Into Third Floor Locker Room And Gymnasium								
Needs Cleaning, Extent : Moderate, Area Affected : 10%								
Location : Kitchen And Grill								
Ductwork/Diffusers	55%			LIFE	* *	2-5	$3,300	
No Component	40%							
Exhaust Fans								
Roof	60%			2040	* *	2	$200	
No Component	40%							

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FIRE DEPARTMENT - 057
ENGINE CO. 80/ LADDER CO. 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
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	10%	Now	$4,000	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement								
Explanation : Severe Sewer Back Up In Basement Due To Outside Street Sewage Line Issue.								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2033	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 81/ LADDER CO. 46**		
Address	: **3025 BAILEY AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.081 / 13067**	**Yr Built/Renovated**	: **1912 / 2007**
Area Sq Ft	: **9,500**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **27-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3266** **Lot** : **1**	**BIN**	: **2000000**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical		$82,500
Mechanical	$58,100	
Site Pavements	$119,300	
Total	**$177,400**	**$82,500**
Importance Code B	$58,100	$82,500
Importance Code C	$119,300	
Total	**$177,400**	**$82,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$67,300		$400	
Interior Architecture	$39,500		$400	
Electrical	$3,700	$800	$800	$700
Mechanical	$34,600	$34,200	$3,300	$3,200
Site Enclosure	$28,200			
Site Pavements	$32,000			
Total	**$205,400**	**$35,000**	**$5,000**	**$3,900**
Importance Code A	$67,800	$500	$900	$500
Importance Code B	$72,800	$34,500	$4,100	$3,400
Importance Code C	$64,800			
Total	**$205,400**	**$35,000**	**$5,000**	**$3,900**

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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. 81/ LADDER CO. 46
Asset # : 13067

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	3%	4+	$400	2053	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Addition At Rear Of Building								
Masonry: Brick	75%	4+	$42,600	LIFE	* *	5	$25,900	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : North Facade At 1st Floor								
Masonry: Granite	3%			LIFE	* *	5	$800	
Masonry: Limestone	10%			LIFE	* *	5	$2,600	
Metal Sect. OHD	7%			2046	* *	5	$7,500	
Stucco Cement	2%	Now	$11,700	2046	* *	5	$900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Addition At Rear Of Building								
Windows								
Aluminum	99%			2049	* *	5	$900	
Metal Louvers	1%			2036	$500	10	$100	
Parapets								
Masonry: Brick	90%	4+	$7,000	LIFE	* *	5	$2,800	
Miss/Damaged Flashings, Extent : Severe, Area Affected : 5%								
Location : West Side Of Main Roof								
Masonry: Limestone	10%			LIFE	* *	5	$400	
Roof								
Asphalt Shingle	5%	Now	$3,300	2048	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Lower Roof								
Worn/Erode, Extent : Severe, Area Affected : 90%								
Location : Lower Roof								
Modified Bitumen	90%	4+	$2,400	2038	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Roof Hatch Base Flashing In Gymnasium Area								
Skylight, Metal/Glass	5%			2053	* *	10	$2,000	
Soffits								
Wood	100%			2038	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Yard								
Explanation : Exposed Underside Of Roof Over Barbecue Grill								
Interior								
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	$18,700	
Ceramic Tile	5%			2042	* *	5	$700	
Quarry Tile	5%	4+	$2,600	2046	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen And Dining Area								
Vinyl Tile	25%			2038	* *	3	$1,300	
Wood	5%			2061	* *	5	$1,300	

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
ENGINE CO. 81/ LADDER CO. 46
Asset # : 13067

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%			2042	* *	5	$900	
Concrete Masonry Unit	3%			LIFE	* *	5	$200	
Gypsum Board	10%			LIFE	* *	5	$1,000	
Masonry: Brick	10%	4+	$6,600	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Apparatus Room Partition Wall Between Bays								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Apparatus Room								
Explanation : Unglazed Face Brick								
Masonry: Brick	32%	4+	$21,100	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Basement At Front Wall								
Plaster	40%	Now	$8,400	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Roof Hatch Area								
Ceilings								
AcousTileSusp.Lay-In	5%			2046	* *	5	$700	
Exposed Struc: Steel	25%			LIFE	* *			
Plaster	70%			LIFE	* *	5	$6,200	
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$6,200	2043	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : North Facade On Albany Crescent								
Free Standing Walls								
Masonry: Brick	100%	Now	$22,100	2043	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Retaining Walls								
Masonry: Brick	100%			2043	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$32,000	2046	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Entrance To Parking Area And Northeast Corner Of Property								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Asphalt	70%			2029	$119,300			
Cast in Place Concrete	30%			2046	* *			

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.
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FIRE DEPARTMENT - 057
ENGINE CO. 81/ LADDER CO. 46
Asset # : 13067

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%			2053	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Main Service Switch Rated At 400 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2053	* *	5	$300	
Raceway								
Conduit	100%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$300	
Wiring								
Thermoplastic	50%			2053	* *	1		
Thermoplastic	50%			2043	* *	1		
Motor Controllers								
Locally Mounted	75%			2046	* *	5		
Locally Mounted	25%			2031	$4,600	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$2,900	
Generators								
Diesel	100%			2042	* *	1	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Generator Enclosure								
Explanation : Rated At 100 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$400	
Fuel Storage								
Day Tank	100%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : 125 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$82,500	10	$8,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	40%			2033	$2,300	1		
Emergency, Battery	10%			2033	$1,600	10	$200	
Exit, LED	40%			2061	* *	1		
Exit, Service	10%	0-2	$400	2043	* *	1		
Not Functioning, Extent : Moderate, Area Affected : 100%								
Location : First Floor								

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FIRE DEPARTMENT - 057
ENGINE CO. 81/ LADDER CO. 46
Asset # : 13067

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								
LED	20%			2043	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Boilers								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$10,400	2041	* *	4	$500	
Controller Not Working, Extent : Moderate, Area Affected : 100%								
Location : Defective Control For The Heating System.								
Terminal Devices								
Convector/Radiator	80%			2038	* *	1	$2,500	
Unit Heater - Hot Water	20%			2038	* *			
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	5%	0-2	$1,100	2038	* *			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Kitchen Area								
Window/Wall Unit	75%	0-2	$5,400	2028	$27,000	1		
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Various Locations. 50 Percent Of The Units Are Either Very Old Or Not Working								
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Includes Make Up Air For Boiler								
No Component	90%							

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FIRE DEPARTMENT - 057
ENGINE CO. 81/ LADDER CO. 46
Asset # : 13067

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	50%	0-2	$10,500	2033	$21,100	2	$100	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : Exhaust Fan At Apparatus Room Is Not Working								
Roof	20%	Now	$1,100	2033	$3,700	2		
Broken, Extent : Moderate, Area Affected : 30%								
Location : Roof Kitchen Exhaust Fan								
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
Water Heater With Tanks								
Gas Fired	50%			2031	$8,500	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 75 Gallons Unit								
Gas Fired	50%			2031	$8,500	2		
Sanitary Piping								
Cast Iron	100%	Now	$2,400	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Slop Sink Engine Side								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$300	4	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Kitchen.								
Explanation : 1 Set Fire Suppression System Covers 60 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 82/ LADDER CO. 31**		
Address	: **1213 INTERVALE AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.082 / 13068**	**Yr Built/Renovated**	: **1904 / 2000**
Area Sq Ft	: **8,975**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **13-Jun-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2973** **Lot** : **38**	**BIN**	: **2010447**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$311,200	
Interior Architecture		$155,100
Electrical	$74,100	
Mechanical		$73,400
Site Pavements		$56,200
Total	**$385,300**	**$284,600**
Importance Code A	$311,200	
Importance Code B	$74,100	$228,400
Importance Code C		$56,200
Total	**$385,300**	**$284,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$125,700			
Interior Architecture	$57,500	$700		
Electrical	$54,800		$40,200	
Mechanical	$63,000	$1,200	$21,900	$1,200
Site Pavements	$1,100			
Total	**$302,100**	**$1,900**	**$62,100**	**$1,200**
Importance Code A	$126,600	$900	$16,000	$900
Importance Code B	$153,300	$1,000	$46,100	$300
Importance Code C	$22,200			
Total	**$302,100**	**$1,900**	**$62,100**	**$1,200**

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FIRE DEPARTMENT - 057
ENGINE CO. 82/ LADDER CO. 31
Asset # : 13068

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	$13,100	
Masonry: Brick	80%	Now	$110,200	LIFE	* *	5	$26,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Rear Facade								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : Right Side Near Front								
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Rear Facade And Side Facade At Flat Roof								
Sidewalk Shed in Use, Extent : Moderate, Area Affected : 25%								
Location : Front Entrance Facade								
Wood Overhead Doors	15%			2027	$144,000	5	$25,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Left Door - 3 Glass Panes Replaced With Plywood								
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Both Doors								
Windows								
Aluminum	100%	Now	$32,800	2045	* *	5	$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Office And 3rd Floor Rear								
Unit Inoperable, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%	0-2	$4,400	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Main Roof Parapet								
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Main Roof Parapet								
Masonry: Brick	85%	Now	$26,300	LIFE	* *	5	$2,100	1
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Main Roof								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 10%								
Location : Main Roof, Front Parapets Next To Tile Roof								
Spalling, Extent : Severe, Area Affected : 50%								
Location : Main Roof								
Masonry: Limestone	10%			LIFE	* *	5	$300	

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FIRE DEPARTMENT - 057
ENGINE CO. 82/ LADDER CO. 31
Asset # : 13068

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								
Asphalt Shingle	5%	Now	$300	2032	$3,300			
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Top Of Shed Roof								
Clay Tile	20%	Now	$15,500	2039	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Main Sloped Roof At Front Of Building								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Throughout, Particularly At 2nd Floor Front								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Front Of Building								
Explanation : Gutters Failing, Causing Extensive Interior Damage								
Roll Roofing	72%	Now	$2,900	2027	$57,100	5	$7,300	
Seams Open/Split, Extent : Moderate, Area Affected : 30%								
Location : Main Roof								
Skylight, Metal/Glass	3%	2-4	$30,900	2039	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Hose Tower								
Interior								
Floors								
Cast in Place Concrete	45%	Now	$10,700	LIFE	* *	5	$13,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout Basement And Apparatus Floor								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Basement Near Front								
Ceramic Tile	15%	Now	$11,900	2038	* *	5	$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Kitchen								
Vinyl Tile	40%			2034	$155,100	3	$2,100	
Interior Walls								
Ceramic Tile	5%	Now	$900	2038	* *	5	$400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Kitchen								
Gypsum Board	10%			LIFE	* *	5	$900	
Masonry: Brick	40%			LIFE	* *			
Masonry: Fieldstone	10%	Now	$14,500	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement								
Explanation : Water Penetration								
Plaster	30%	Now	$5,700	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : 2nd Floor Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor Front And 2nd Floor Hose Tower								
Wood	5%			LIFE	* *	5	$3,100	

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FIRE DEPARTMENT - 057
ENGINE CO. 82/ LADDER CO. 31
Asset # : 13068

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%	Now	$7,000	2034	$35,000	5	$1,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Staining/Discoloring, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor And Kitchen								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : 2nd Floor, 3rd Floor Front And Kitchen								
Embossed Metal	20%	Now	$4,200	LIFE	* *	5	$1,300	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Weight Room								
Exposed Struc: Steel	30%			LIFE	* *			
Metal Panel	5%			LIFE	* *	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Shower Room								
Explanation : Metal Lay-In Panels								
Plaster	30%	2-4	$2,600	LIFE	* *	5	$2,600	
Spalling, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Locker Room And Hose Tower Scuttle								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2039	* *			
Retaining Walls								
Concrete Masonry Unit	60%			2049	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Masonry Unit Sits Upon Brick Base; Chain Link Fence Is Fastened To Concrete Masonry Unit								
Masonry: Brick	40%			2049	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2034	$48,800			
On-Site Walkways								
Cast in Place Concrete	100%			2034	$32,300			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$1,100	2034	$56,200			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : At Curb Cut								
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : At Curb Cut								
Activity Yard								
Cast in Place Concrete	100%			2034	$24,500			

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FIRE DEPARTMENT - 057
ENGINE CO. 82/ LADDER CO. 31
Asset # : 13068

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%			2029	$15,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Electrical Section								
Explanation : 400 Ampere								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2039	* *	5	$200	
Raceway								
Conduit	100%			2039	* *	1		
Panelboards								
Molded Case Bkrs	30%	0-2	$14,900	2054	* *	5		
Enclosure Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement Electrical Section								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Electrical Section Near Service Switch								
Explanation : Water Damage								
Molded Case Bkrs	70%			2037	* *	5	$200	
Wiring								
Braided Cloth	30%	2-4	$10,000	2054	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged And Brittle.								
Thermoplastic	70%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Section								
Explanation : Motor Controllers For Heating System.								
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Near Water Main								
Explanation : Ground Wire Rusted And Corroded.								
Lighting								
Interior Lighting								
Fluorescent	95%			2029	$74,100	10	$7,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Incandescent	5%			2027	$5,500	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Television Room 1st Floor								
Explanation : Downlights								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 82/ LADDER CO. 31
Asset # : 13068

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, Battery	50%			2029	$6,400	10	$300	
Exit, Battery	50%	Now	$1,900	2039	* *			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Explanation : Broken								
Exterior Lighting								
HID	25%			2029	$10,500	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Facade								
Explanation : Wall Mounted, Controlled Via Time Clock								
Incandescent	25%			2027	$12,000	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Side Yard								
Explanation : Wall Mounted								
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%			2042	* *	1	$8,900	
Distribution								
Steam Piping/Pump	100%	Now	$1,400	2039	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Near Front Of Building								
Terminal Devices								
Convector/Radiator	100%			2034	$73,400	1	$2,900	
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2027	$27,200	1		
No Component	20%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Exterior Package Unit Abandoned In Place								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,000	

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. 82/ LADDER CO. 31
Asset # : 13068

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	50%			2029	$19,900	2	$100	
Roof	50%			2027	$8,700	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallon Units								
Sanitary Piping								
Cast Iron	100%	Now	$5,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 50%								
Location : 1st Floor Drains Have Sewage Backflow								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$300	4	$300	
Backflow Preventer								
No Component	95%							
Generic	5%			2037	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2027	$1,200	1-10	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 83**		
Address	: **618 EAST 138th STREET**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.083 / 13069**	**Yr Built/Renovated**	: **1905 / 2000**
Area Sq Ft	: **6,578**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **14-Apr-2022**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2550** **Lot** : **28**	**BIN**	: **2003609**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$480,000	$128,300
Interior Architecture	$383,100	$186,500
Electrical		$54,400
Mechanical	$63,700	$92,500
Site Pavements		$194,500
Total	**$926,800**	**$656,200**
Importance Code A	$480,000	$128,300
Importance Code B	$285,300	$146,900
Importance Code C	$161,400	$381,000
Total	**$926,800**	**$656,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$17,400	$6,100		
Interior Architecture	$59,000	$400	$600	
Electrical	$11,500	$5,700		
Mechanical	$50,100	$18,300	$3,400	$3,400
Total	**$137,900**	**$30,500**	**$4,000**	**$3,400**
Importance Code A	$18,000	$6,800	$700	$700
Importance Code B	$101,300	$23,700	$3,300	$2,700
Importance Code C	$18,700			
Total	**$137,900**	**$30,500**	**$4,000**	**$3,400**

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

FIRE DEPARTMENT - 057
ENGINE CO. 83
Asset # : 13069

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	$9,100	
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Masonry: Brick	73%	Now	$306,400	LIFE	* *	5	$17,000	
Painted Surfaces, Extent : Moderate, Area Affected : 25%								
Location : West Facade								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : North Facade, Gymnasium In Basement								
Masonry: Granite	2%			LIFE	* *	5	$300	
Masonry: Limestone	10%			LIFE	* *	5	$1,700	
Wood Overhead Doors	10%			2038	* *	5	$11,600	
Windows								
Aluminum	100%	Now	$17,400	2041	* *	5	$600	
Air Infiltration, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$900	
Masonry: Brick	80%			LIFE	* *	5	$1,800	
Masonry: Limestone	5%			LIFE	* *	5	$100	
Stucco Cement	10%			2038	* *	5	$600	
Roof								
Modified Bitumen	95%			2033	$128,300	10	$10,700	
Debris Present, Extent : Moderate, Area Affected : 20%								
Location : Over Kitchen								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Lower Roof Area								
Skylight, Metal/Glass	5%	Now	$173,600	2063	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Main Roof								
Deformed/Dented, Extent : Moderate, Area Affected : 50%								
Location : Main Roof								
Glazing Clouded, Extent : Moderate, Area Affected : 100%								
Location : Main Roof								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Main 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
ENGINE CO. 83
Asset # : 13069

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	$12,300	
Ceramic Tile	5%	Now	$7,000	2042	* *	5	$300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Bathrooms								
Quarry Tile	5%			2038	* *	5	$800	
Vinyl Tile	40%			2038	* *	3	$1,700	
Interior Walls								
Ceramic Tile	20%	Now	$18,700	2036	$186,500	5	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Room								
Loose Units, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Room								
Masonry: Brick	25%	Now	$161,400	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Plaster	55%			LIFE	* *	5	$2,600	
Ceilings								
AcousTileSusp.Lay-In	10%			2046	* *	5	$1,100	
Embossed Metal	30%	Now	$33,400	LIFE	* *	5	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Apparatus Floor								
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Apparatus Floor								
Exposed Struc: Concrete	20%	Now	$221,700	LIFE	* *	5	$400	
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Steel Beams In Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 10%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Basement								
Explanation : Support Columns In Use To Support Apparatus Floor								
Gypsum Board	10%			LIFE	* *	5	$1,400	
Plaster	30%			LIFE	* *	5	$2,100	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2043	* *			
Free Standing Walls								
Concrete Masonry Unit	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 83
Asset # : 13069

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								
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	60%			2036	$194,500			
Cast in Place Concrete	40%			2038	* *			

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	$16,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Main Service Switch Rated At 200 Amperes								
Raceway								
Conduit	100%			2033	$40,300	1		
Panelboards								
Molded Case Bkrs	100%			2032	$54,400	5	$200	
Wiring								
Thermoplastic	100%			2033	$36,500	1		
Ground								
Grounding Devices								
Generic	100%	4+	$11,400	LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Near Water Main Service								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	94%			2038	* *	10	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	4%			2033	$3,600	2		
LED	2%			2041	* *			
Exterior Lighting								
HID	16%			2033	$5,400	10		
LED	4%			2041	* *			
No Component	80%							

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

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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. 83
Asset # : 13069

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%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Natural Gasoline Fired Steam Boiler								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$2,100	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Split Unit	25%	Now	$42,800	2043	* *			
Abandoned in Place, Extent : Severe, Area Affected : 50%								
Location : Roof And 2nd Floor								
Split Unit	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : Kitchen								
Explanation : Kitchen								
Window/Wall Unit	40%			2028	$10,900	1		
No Component	25%							
Ventilation								
Exhaust Fans								
Roof	100%	Now	$1,400	2038	* *	2	$200	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Toilet Rooms								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	$92,500	1		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor								
Explanation : Low Water Pressure At 2nd Floor Bathroom								
Water Heater With Tanks								
Gas Fired	100%			2031	$37,400	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
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
ENGINE CO. 83
Asset # : 13069

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%	0-2	$2,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 50%								
Location : Apparatus Room								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Occasional Flooding At Basement During Heavy Rain								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$63,700	1-10	$29,000	

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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **22-Mar-2023**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2120** **Lot** : **46**	**BIN**	: **1062872**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$436,200
Electrical		$35,300
Mechanical	$73,100	$62,400
Total	**$73,100**	**$533,900**
Importance Code A		$436,200
Importance Code B	$73,100	$97,700
Total	**$73,100**	**$533,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$76,200		$1,800	
Interior Architecture	$45,200	$500		$1,000
Electrical	$20,900	$100	$18,100	
Mechanical	$75,300	$4,200	$133,300	$4,200
Site Pavements	$2,100			
Total	**$219,700**	**$4,700**	**$153,200**	**$5,200**
Importance Code A	$87,400	$1,200	$3,000	$1,200
Importance Code B	$127,200	$3,600	$150,300	$4,000
Importance Code C	$5,100			
Total	**$219,700**	**$4,700**	**$153,200**	**$5,200**

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

FIRE DEPARTMENT - 057

ENGINE CO. 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	60%			LIFE	* *	5	$8,100	
Masonry: Limestone	25%	Now	$43,500	LIFE	* *	5	$2,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Adjacent To Overhead Doors								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 40%								
Location : Street Facade								
Vertical Cracks, Extent : Light, Area Affected : 2%								
Location : Front Facade At 1st Floor								
Metal Panel	5%			2054	* *	5-10	$4,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Stair Bulkhead								
Explanation : Metal Panel								
Wood Overhead Doors	10%			2032	$42,300	5	$6,700	
Windows								
Aluminum	100%	Now	$17,500	2059	* *	5	$200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : 2nd Floor								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$1,000	
Masonry: Limestone	25%			LIFE	* *	5	$500	
Metal Panel	15%			2054	* *	5	$1,000	
Roof								
Modified Bitumen	90%	2-4	$3,100	2039	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Lower Roof Over Kitchen And Lunch Room								
Skylight, Metal/Glass	10%	Now	$8,700	2034	$436,200			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Skylight Over Stairwell								
Interior								
Floors								
Cast in Place Concrete	50%	Now	$18,300	LIFE	* *	5	$21,500	
Worn/Erode, Extent : Moderate, Area Affected : 40%								
Location : Epoxy Paint Finish At Apparatus Floor								
Ceramic Tile	5%			2043	* *	5	$1,000	
Vinyl Tile	40%	Now	$4,800	2039	* *	3	$2,900	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor								
Wood	5%			2062	* *	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%	Now	$1,100	2043	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Kitchen Area								
Masonry: Brick	20%			LIFE	* *			
Plaster	40%	Now	$4,000	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Hose Drying Rack And Bulkhead At Roof Level								
SGFT/Glazed Masonry	35%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2047	* *	5	$1,000	
Embossed Metal	30%	4+	$9,700	LIFE	* *	5	$2,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Over Apparatus Areas, Hose Shaft Above 3rd Floor								
Exposed Struc: Concrete	20%			LIFE	* *	5	$600	
Plaster	45%	Now	$5,900	LIFE	* *	5	$5,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Skylight In Stairwell								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Third Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Gymnasium, Sitting Room								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$2,100	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Ladder Side Of 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%			2034	$16,500	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Amperes								
Raceway								
Conduit	10%	2-4	$4,000	2064	* *	1		
Corroded, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Basement								
Explanation : The Corrosion Conduit Located Next To Electric Meter And Main Service Panel In The Basement								
Conduit	90%			2034	$36,300	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. 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
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2033	$2,700	5		
Molded Case Bkrs	20%			2050	* *	5	$100	
Molded Case Bkrs	10%	0-2	$5,400	2059	* *	5		
Enclosure Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Molded Case Breaker Located To The Basement Next To Main Service								
Molded Case Bkrs	65%			2033	$35,300	5	$200	
Wiring								
Thermoplastic	80%			2034	$29,200	1		
Thermoplastic	20%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2032	$20,000	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$11,400	LIFE	* *	5	$200	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Water Main Basement								
Lighting								
Interior Lighting								
LED	100%			2039	* *			
Exterior Lighting								
HID	30%			2029	$18,100	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%			2054	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$11,300	2047	* *	1	$10,500	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Boiler Overfilling And Must Be Manually Drained. Boiler Constantly Break Down								
Distribution								
Steam Piping/Pump	100%			2044	* *			
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	$3,800	

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

FIRE DEPARTMENT - 057
ENGINE CO. 84
Asset # : 13070

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								
Controls								
Electrical	100%	0-2	$35,900	2029	$71,800			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : There Is Only One Zone For The Building. This Is Inadequate For The Building								
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2034	$28,300	2	$100	
Window/Wall Unit	80%	0-2	$3,900	2029	$39,100	1		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2	$3,100	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,600	
Exhaust Fans								
Interior	80%	0-2	$9,200	2029	$45,800	2	$200	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Room Exhaust Fan Is Not Working								
Roof	20%			2029	$5,000	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Water Heater With Tanks								
Gas Fired	100%	0-2	$3,700	2029	$37,400	2		
Broken, Extent : Moderate, Area Affected : 10%								
Location : Basement. 1 Unt Is Not Working								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	50%	0-2	$8,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 50%								
Location : Apparatus Room								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking 2nd Foor Bathroom And Laundry Room								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor								
Explanation : Occasional Sewage Backup At Aparatus Room After Heavy Rain								
Cast Iron	50%			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.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

FIRE DEPARTMENT - 057
ENGINE CO. 84
Asset # : 13070

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)								
Submersible	50%			2027	$200	4	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves 1 Side Of Basement Only								
No Component	50%							
Backflow Preventer								
Generic	100%			2039	* *	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	98%			2032	$62,400	1-10	$28,400	
Generic	2%			2029	$1,300	1-10	$600	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : 1st Floor								
Explanation : 1 Set Fire Suppression System Covers 25 Square Feet (5x5).								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **09-May-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3086** **Lot** : **38**	**BIN**	: **2086781**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$122,500	$167,200
Interior Architecture	$141,300	$78,100
Electrical		$163,500
Mechanical	$54,300	$286,300
Total	**$318,100**	**$695,200**
Importance Code A	$122,500	$249,600
Importance Code B	$195,500	$445,600
Total	**$318,100**	**$695,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$30,300	$1,800	$16,100	$20,600
Interior Architecture	$58,500	$400	$1,900	
Electrical	$100	$100	$200	
Mechanical	$36,700	$4,000	$78,200	$4,000
Site Pavements	$16,500			
Total	**$142,200**	**$6,200**	**$96,400**	**$24,600**
Importance Code A	$31,400	$2,800	$27,000	$21,600
Importance Code B	$83,100	$3,400	$69,300	$2,900
Importance Code C	$27,700			
Total	**$142,200**	**$6,200**	**$96,400**	**$24,600**

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
Exterior								
Exterior Walls								
Masonry: Brick	78%	Now	$122,500	LIFE	* *	5	$29,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Front Elevation								
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : South Elevation								
Masonry: Granite	3%			LIFE	* *	5	$900	
Masonry: Limestone	10%			LIFE	* *	5	$2,900	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Front Facade, 3rd Floor.								
Metal Panel	2%			2044	* *	5-10	$5,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Bulkhead								
Explanation : Location Noted								
Metal Sect. OHD	7%			2039	* *	5	$8,300	
Windows								
Aluminum	100%			2033	$167,200	5	$3,500	
Parapets								
Masonry: Brick	80%	Now	$30,300	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	$800	
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Throughout								
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Main Roof								
Roof								
Asphalt Shingle	5%			2043	* *	10	$100	
Copper/Terne	2%			2049	* *	10	$700	
Modified Bitumen	70%			2039	* *	10	$9,800	
Roll Roofing	20%			2030	$18,200	5	$4,700	
Skylight, Metal/Glass	3%			2044	* *	10	$1,400	
Interior								
Floors								
Cast in Place Concrete	40%	2-4	$32,100	LIFE	* *	5	$16,500	
Horizontal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Floor								
Ceramic Tile	15%			2037	* *	5	$2,800	
Vinyl Tile	15%			2034	$78,100	3	$1,100	
Wood	30%			2062	* *	5	$10,600	

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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

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%			2037	* *	5	$3,200	
Gypsum Board	15%			LIFE	* *	5	$2,800	
Masonry: Brick	20%			LIFE	* *			
Marble Panels	20%			LIFE	* *			
Plaster	25%	Now	$9,600	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Hose Tower								
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%			2039	* *	5	$3,800	
Embossed Metal	30%	0-2	$8,500	LIFE	* *	5	$2,500	
Bent/Warped Elements, Extent : Moderate, Area Affected : 10%								
Location : Apparatus And Bulkhead								
Broken/Missing Elements, Extent : Light, Area Affected : 15%								
Location : Apparatus Floor And Hose Tower								
Exposed Struc: Concrete	25%	Now	$141,300	LIFE	* *	5	$700	
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	$2,900	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$16,500	2054	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : From Driveway Apron								

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	$15,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One Main Service Switch Rated At 100 Amperes.								

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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								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	$65,000	5	$300	
Raceway								
Conduit	100%			2034	$36,800	1		
Panelboards								
Molded Case Bkrs	50%			2042	* *	5	$200	
Molded Case Bkrs	50%			2033	$24,800	5	$200	
Wiring								
Thermoplastic	100%			2034	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2032	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	90%			2034	$98,500	10	$10,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	5%			2034	$7,800	2		
LED	5%			2044	* *			
Exterior Lighting								
HID	10%			2034	$5,900	10		
LED	10%			2042	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Exterior								
Explanation : Controlled Via Photocell								
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	* *	1		
Conversion Equipment								
Furnace	25%			2029	$9,800	1	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Engine Bays								
Explanation : Gas Fired Unit Heaters								
Steam Boiler	75%			2032	$82,400	1	$9,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : 1 Unit								

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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. 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
Heating								
Distribution								
Steam Piping/Pump	100%	Now	$2,000	2034	$100,900			
Corroded, Extent : Severe, Area Affected : 2%								
Location : Boiler Room								
On Extended Life, Extent : Light, Area Affected : 90%								
Location : Throughout								
Terminal Devices								
Convector/Radiator	100%			2032	$103,000	1	$4,100	
On Extended Life, Extent : Light, Area Affected : 90%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	40%			2042	* *	1		
No Component	60%							
Conversion Equipment								
Split Unit	10%			2029	$29,900			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1st Floor Video Room, 2nd Floor Bunk Room								
Window/Wall Unit	15%			2032	$7,200	1		
Window/Wall Unit	15%			2027	$7,200	1		
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Various Locations								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%	Now	$16,600	LIFE	* *	2-5	$2,100	
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof								
No Component	70%							
Exhaust Fans								
Roof	20%			2034	$4,900	2	$100	
Roof	10%	Now	$2,400	2044	* *	2		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Main Roof - Kitchen Exhaust Fan								
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Main Roof - Kitchen Exhaust Fan								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Main Roof - Kitchen Exhaust Fan								
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		

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

FIRE DEPARTMENT - 057
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
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2029	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$400	4	$400	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Basement - 1 Unit								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	100%			2027	$54,300	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 50 Square Foot Hood								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	:	**ENGINE CO. 89/ LADDER CO. 50**			
Address	:	**2924 BRUCKNER BOULEVARD BTWN E. TREMONT AVE - EDISON AVE**			
Borough	:	**BRONX**	**Agency's Number**	:	**N/A**
Program / Asset #	:	**FIRSECO.089 / 13072**	**Yr Built/Renovated**	:	**1926 /**
Area Sq Ft	:	**4,930**	**Project Type**	:	**FIRE DEPARTMENT**
Date of Survey	:	**06-Feb-2025**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2**			
Block	:	**5419** **Lot** : **125**	**BIN**	:	**2076433**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical		$65,000
Mechanical	$58,100	
Total	**$58,100**	**$65,000**
Importance Code B	$58,100	$65,000
Total	**$58,100**	**$65,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$47,000		$2,300	
Interior Architecture	$67,200		$700	$100
Electrical	$1,600	$200	$200	$200
Mechanical	$14,900	$3,200	$30,600	$3,200
Site Pavements	$4,400			
Total	**$135,200**	**$3,400**	**$33,800**	**$3,600**
Importance Code A	$47,500	$500	$2,800	$500
Importance Code B	$51,800	$2,900	$31,000	$2,900
Importance Code C	$35,800			$100
Total	**$135,200**	**$3,400**	**$33,800**	**$3,600**

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. 89/ LADDER CO. 50
Asset # : 13072

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%			2056	* *	10	$100	
Masonry: Brick	80%	Now	$24,300	LIFE	* *	5	$14,700	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : East And West Side								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : West Side								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : West Facade At Exhaust Fan, Basement								
Masonry: Granite	5%			LIFE	* *	5	$1,400	
Masonry: Limestone	5%			LIFE	* *	5	$1,400	
Metal Sect. OHD	8%			2049	* *	5	$4,600	
Windows								
Aluminum	95%	Now	$4,200	2052	* *	5	$200	
Air Infiltration, Extent : Severe, Area Affected : 2%								
Location : 2nd Floor Window In Engine Office								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Hardware Missing, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Louvers	5%	Now	$800	2051	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : West Side								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : West Side								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5-10	$7,200	
Masonry: Brick	75%	4+	$6,000	LIFE	* *	5	$1,000	
Diagonal Cracks, Extent : Light, Area Affected : 5%								
Location : North And West Side								
Spalling, Extent : Severe, Area Affected : 15%								
Location : Throughout Parapet Wall								
Masonry: Limestone	5%			LIFE	* *	5-10	$800	
Roof								
Modified Bitumen	98%	Now	$4,400	2041	* *			
Blisters, Extent : Severe, Area Affected : 5%								
Location : Roof								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Skylight, Metal/Glass	2%			2056	* *	10	$500	
Interior								

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FIRE DEPARTMENT - 057
ENGINE CO. 89/ LADDER CO. 50
Asset # : 13072

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	85%	Now	$12,500	LIFE	* *	5	$16,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor, Epoxy Cover In Ladder 50 2nd Floor Office								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement At New Columns, Sidewalk Belco Doors								
Ceramic Tile	5%	0-2	$500	2045	* *	5	$200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Vinyl Tile	5%			2041	* *	3	$200	
Wood	5%			2064	* *	5	$800	
Interior Walls								
Cast in Place Concrete	20%	0-2	$15,000	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	3%			2045	* *	5	$300	
Concrete Masonry Unit	2%	Now	$400	LIFE	* *	5	$100	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Bunker Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Bunker Room								
Gypsum Board	10%			LIFE	* *	5-10	$1,700	
Marble Panels	5%			LIFE	* *	10	$200	
Plaster	30%	Now	$1,400	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Roof Access								
SGFT/Glazed Masonry	30%	4+	$13,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : 1st Floor								
Ceilings								
AcousTileSusp.Lay-In	5%			2049	* *	5	$400	
Exposed Struc: Concrete	5%	0-2	$1,300	LIFE	* *	5	$100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement, Apparatus Area								
Exposed Struc: Steel	25%			LIFE	* *	10	$4,300	
Plaster	65%	0-2	$17,100	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout Engine Office 2nd Floor								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2046	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 89/ LADDER CO. 50
Asset # : 13072

Architecture

System / Component / Type	% of Total	Fail Date (Years)	Current Repair Estimated Cost	Future Replacement Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$3,300	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$1,100	2049	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout Driveway								

Electrical

System / Component / Type	% of Total	Fail Date (Years)	Current Repair Estimated Cost	Future Replacement Year FY	Future Replacement Estimated Cost	Maintenance Cycle (Yrs)	Maintenance Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2036	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$65,000	5	$100	
Raceway								
Conduit	100%			2036	$36,800	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	95%			2035	$47,100	5	$100	
Wiring								
Thermoplastic	100%			2036	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	30%			2031	$12,800	10	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : T-8 Lamps								
LED	70%			2041	* *			
Exterior Lighting								
HID	5%			2031	$1,200	10		
LED	5%			2044	* *			
No Component	90%							
Alarm								

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FIRE DEPARTMENT - 057
ENGINE CO. 89/ LADDER CO. 50
Asset # : 13072

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								
Generic	100%			2044	* *	1	$1,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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%			2041	* *	1	$4,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%	Now	$800	2036	$39,500			
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Basement - Boiler Room								
Terminal Devices								
Convector/Radiator	100%			2034	$40,300	1	$1,600	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Controls								
Electrical	100%			2029	$27,400			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Split Unit	25%			2036	$29,300			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Kitchen, Breakroom								
Window/Wall Unit	20%	Now	$3,700	2036	$3,700	1		
Broken, Extent : Severe, Area Affected : 100%								
Location : Kitchen, Locker Room, Bunker Room, Toilet Room								
Window/Wall Unit	30%			2031	$5,600	1		
No Component	25%							
Ventilation								
Exhaust Fans								
Interior	30%			2031	$6,600	2		
Roof	70%			2031	$6,700	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 89/ LADDER CO. 50
Asset # : 13072

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 With Tanks								
Gas Fired	100%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : Two Unit, 75mbh 74 Gallons								
Sanitary Piping								
Cast Iron	100%	Now	$1,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Basement, 2nd Floor								
Storm Drain Piping								
Cast Iron	100%	Now	$1,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Basement								
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Backflow Preventer								
Generic	100%			2036	$2,200	1	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2029	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : One 20 Square Foot Hood								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 9/ LADDER CO. 6**		
Address	: **75 CANAL STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.009 / 13008**	**Yr Built/Renovated**	: **1969 / 2008**
Area Sq Ft	: **6,413**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **25-Apr-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **300** **Lot** : **30**	**BIN**	: **1003898**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$64,200	$126,500
Interior Architecture	$153,500	$53,000
Mechanical	$58,100	
Total	**$275,900**	**$179,600**
Importance Code A	$64,200	$126,500
Importance Code B	$211,700	$53,000
Total	**$275,900**	**$179,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$56,100	$8,400		$7,800
Interior Architecture	$1,800	$200	$900	$200
Electrical	$200	$300	$300	$5,900
Mechanical	$17,100	$7,000	$3,400	$56,500
Total	**$75,300**	**$16,000**	**$4,600**	**$70,400**
Importance Code A	$56,400	$8,800	$300	$8,100
Importance Code B	$18,900	$7,200	$3,900	$62,300
Importance Code C			$400	
Total	**$75,300**	**$16,000**	**$4,600**	**$70,400**

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FIRE DEPARTMENT - 057
ENGINE CO. 9/ LADDER CO. 6
Asset # : 13008

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	$5,200	
Masonry: Brick Cavity	50%	Now	$18,100	LIFE	* *	5	$10,400	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Right Side Front Facade								
Explanation : Door To Alley Broken.								
Metal Coiling Doors	5%			2048	* *	5	$3,300	
Metal: Cage/Fence	15%			2048	* *	5	$13,600	
Marble Panels	10%			LIFE	* *	5	$1,600	
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 1%								
Location : Adjacent To Overhead Door								
Wood	15%			2040	* *	5	$15,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Addition, Extension At Rear Of Building								
Explanation : Wood Panel Walls								
Windows								
Aluminum	100%	Now	$64,200	2060	* *	5	$700	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Hardware Missing, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Bunk Room								
Explanation : Thermally Inefficient								
Roof								
Modified Bitumen	100%	Now	$38,000	2035	$126,500			
Alligatoring, Extent : Light, Area Affected : 50%								
Location : Various Locations								
Ponding, Extent : Light, Area Affected : 20%								
Location : Lower Roof								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Roof Near Bulkhead								
Explanation : Water Penetration At Electrical Pipe Pitch Pocket								
Soffits								
Metal Panel	100%			2055	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	$10,500	
Ceramic Tile	5%			2044	* *	5	$500	
Terrazzo	5%			LIFE	* *	5	$400	
Vinyl Tile	20%			2035	$53,000	3	$700	
Vinyl Tile 9" X 9"	20%			2030	$153,500	3	$1,000	
Interior Walls								
Ceramic Tile	5%			2044	* *	5	$800	
Gypsum Board	25%			LIFE	* *	5	$2,500	
Plaster	25%			LIFE	* *	5	$1,300	
SGFT/Glazed Masonry	45%			LIFE	* *			

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FIRE DEPARTMENT - 057
ENGINE CO. 9/ LADDER CO. 6
Asset # : 13008

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	$1,600	2048	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
AcousTileSusp.Lay-In	5%			2048	* *	5	$500	
Exposed Struc: Concrete	45%			LIFE	* *	5	$700	
Gypsum Board	20%			LIFE	* *	5	$2,400	
Plaster	25%			LIFE	* *	5	$1,500	
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Apparatus Floor Area								
Site Enclosure								
Fence/Gates								
Metal: Cage/Fence	50%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof Level								
Explanation : Metal Guardrail On Pitch Pocket.								
No Component	50%							
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2040	* *			

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%			2055	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$200	
Raceway								
Conduit	80%			2035	$29,500	1		
Conduit	20%			2055	* *	1		
Panelboards								
Fused Disc Sw	4%			2034	$2,000	5		
Fused Disc Sw	1%			2051	* *	5		
Molded Case Bkrs	85%			2051	* *	5	$100	
Molded Case Bkrs	10%			2034	$5,000	5		

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FIRE DEPARTMENT - 057
ENGINE CO. 9/ LADDER CO. 6
Asset # : 13008

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								
Braided Cloth	40%			2034	$13,300	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Insulation Aged								
Thermoplastic	60%			2055	* *	1		
Motor Controllers								
Locally Mounted	50%			2033	$9,100	5		
Locally Mounted	50%			2048	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement Record Room 1								
Explanation : Main Water Pipe Is Grounded								
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Battery	50%			2040	* *	10	$800	
Exit, Battery	50%			2030	$4,500	10	$200	
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$2,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outdoor Only								
Explanation : CCTV 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								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	$3,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								

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FIRE DEPARTMENT - 057
ENGINE CO. 9/ LADDER CO. 6
Asset # : 13008

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								
Hot Wtr Piping/Pump	100%	Now	$2,800	2034	$14,000	4	$300	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Insul. Deteriorating, Extent : Moderate, Area Affected : 15%								
Location : Basement And Apparatus Floor								
Leak Evident, Extent : Moderate, Area Affected : 3%								
Location : Basement Study Room								
Terminal Devices								
Convector/Radiator	70%			2033	$36,700	1	$1,500	
Unit Heater - Hot Water	30%			2040	* *			
Controls								
Electrical	100%			2030	$35,700			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	15%			2030	$10,500	2	$100	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Rooftop Unit, Roof								
Split Unit	15%	0-2	$2,300	2035	$22,800			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen And 2nd Floor Bunker Room								
Explanation : 2 Inefficient Units								
Window/Wall Unit	15%	0-2	$3,600	2035	$3,600	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 20%								
Location : Various								
On Extended Life, Extent : Moderate, Area Affected : 20%								
Location : Various								
Window/Wall Unit	30%			2030	$7,300	1		
No Component	25%							
Terminal Devices								
Fan Coil - 2 Pipe	15%			2035	$22,000	1	$300	
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2035	$4,200	2	$1,300	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	35%			LIFE	* *	2-5	$1,300	
No Component	65%							

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FIRE DEPARTMENT - 057
ENGINE CO. 9/ LADDER CO. 6
Asset # : 13008

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	30%	Now	$2,200	2035	$3,700	2		
Noisy/Vibrating, Extent : Moderate, Area Affected : 30%								
Location : 2 Roof Exhaust Fans								
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 1 Unit On Roof								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor Female Bathroom								
Explanation : No Ventilation In 2nd Floor Female Bathroom								
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	95%			2045	* *	1		
Brass/Copper	5%	0-2	$800	2045	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 20%								
Location : Water Main Valve And Piping. Basement								
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 2 Units 75 Gallon								
Sanitary Piping								
Cast Iron	10%	Now	$400	LIFE	* *	1		
Broken, Extent : Severe, Area Affected : 5%								
Location : Basement								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$1,600	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : Covers 50 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **16-May-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **4049** **Lot** : **49**	**BIN**	: **2043470**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$183,400	
Interior Architecture	$156,600	
Electrical		$227,900
Mechanical	$120,800	
Total	**$460,800**	**$227,900**
Importance Code A	$183,400	$65,000
Importance Code B	$277,300	$162,900
Total	**$460,800**	**$227,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$39,100			$200
Interior Architecture	$71,100		$900	$1,100
Electrical	$29,400		$300	$200
Mechanical	$4,100	$4,000	$36,800	$4,000
Site Pavements	$2,400			
Total	**$146,100**	**$4,000**	**$38,100**	**$5,400**
Importance Code A	$40,200	$1,100	$1,300	$1,300
Importance Code B	$64,700	$2,900	$36,800	$4,100
Importance Code C	$41,200			
Total	**$146,100**	**$4,000**	**$38,100**	**$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. 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%	4+	$97,400	LIFE	* *	5	$23,700	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Masonry: Granite	7%			LIFE	* *	5	$1,900	
Masonry: Limestone	15%	4+	$86,000	LIFE	* *	5	$4,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Facades								
Stucco Cement	3%			2051	* *	5	$2,700	
Wood Overhead Doors	10%			2047	* *	5	$18,200	
Windows								
Aluminum	100%	Now	$14,200	2042	* *	5	$1,500	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$3,900	LIFE	* *	5	$1,700	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 10%								
Location : Corners Of Front Facade								
Masonry: Brick	85%	4+	$11,600	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : North And South Facades At Main Roof								
Metal Panel	5%			2060	* *	5	$400	
Roof								
Asphalt Shingle	10%			2037	* *	10	$300	
Modified Bitumen	85%			2042	* *	10	$12,800	
Skylight, Metal/Glass	5%			2044	* *	10	$2,500	
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	$16,400	
Ceramic Tile	10%	4+	$63,400	2047	* *	5	$900	
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Kitchen								
Terrazzo	5%			LIFE	* *	5	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Stair Treads								
Explanation : Locations Noted								
Vinyl Tile	45%	2-4	$93,200	2039	* *	3	$3,200	
Worn/Erode, Extent : Severe, Area Affected : 50%								
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
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								
Interior Walls								
Ceramic Tile	5%			2047	* *	5	$1,300	
Gypsum Board	15%			LIFE	* *	5	$2,300	
Plaster	45%			LIFE	* *	5	$3,500	
Recent Repair Evident, Extent : N/A, Area Affected : 40%								
Location : Throughout At Storm Drain Leader Locations								
SGFT/Glazed Masonry	35%	Now	$40,500	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Worn/Erode, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor								
Ceilings								
AcousTileSusp.Lay-In	10%			2039	* *	5	$1,900	
Embossed Metal	30%	0-2	$16,900	LIFE	* *	5	$2,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor - Engine Bay								
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : 1st Floor - Engine Bay								
Exposed Struc: Concrete	30%			LIFE	* *	5	$900	
Gypsum Board	10%	0-2	$1,600	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Rear Office								
Plaster	20%	0-2	$11,400	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd And 3rd Floors - Rear Rooms								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : 2nd And 3rd Floors - Rear Rooms								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2069	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$2,400	2047	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Sinking/Subsiding, Extent : Moderate, Area Affected : 2%								
Location : Section Of 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								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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%			2034	$65,000	5	$300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : No Available Nameplate Rating Capacity. Approximately 400 Ampere Service								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	$65,000	5	$300	
Raceway								
Conduit	80%			2034	$29,500	1		
Conduit	20%			2054	* *	1		
Panelboards								
Molded Case Bkrs	100%			2050	* *	5	$300	
Wiring								
Thermoplastic	80%			2054	* *	1		
Thermoplastic	20%			2034	$6,700	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	90%	Now	$29,400	2034	$97,900			
Malfunctioning, Extent : Moderate, Area Affected : 30%								
Location : Throughout The Building								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2039	* *			
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2054	* *	1		
Conversion Equipment								
Steam Boiler	90%			2047	* *	1	$11,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
No Component	10%							
Distribution								
Steam Piping/Pump	90%			2044	* *			
No Component	10%							

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
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
Heating								
Terminal Devices								
Convector/Radiator	90%			2039	* *	1	$3,600	
No Component	10%							
Controls								
Electrical	100%			2029	$62,600			
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	10%			2039	* *			
Window/Wall Unit	60%			2029	$28,500	1		
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	35%			LIFE	* *	2-5	$2,400	
No Component	65%							
Exhaust Fans								
Interior	20%			2039	* *	2	$100	
Roof	15%			2034	$3,600	2	$100	
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$400	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2029	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen Hood								
Explanation : 50 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 91**		
Address	: **240-244 EAST 111TH STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.091 / 13074**	**Yr Built/Renovated**	: **1912 /**
Area Sq Ft	: **12,298**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **01-Feb-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1660** **Lot** : **30**	**BIN**	: **1052473**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$370,500	
Interior Architecture	$369,500	
Electrical	$130,000	
Mechanical	$353,200	$262,000
Total	**$1,223,300**	**$262,000**
Importance Code A	$435,600	
Importance Code B	$787,800	$262,000
Total	**$1,223,300**	**$262,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$11,500			
Interior Architecture	$88,100			$1,000
Electrical	$26,900	$600	$11,900	$500
Mechanical	$40,100	$1,600	$17,800	$1,700
Total	**$166,700**	**$2,200**	**$29,800**	**$3,100**
Importance Code A	$12,700	$1,200	$1,200	$1,200
Importance Code B	$104,600	$1,000	$28,500	$1,900
Importance Code C	$49,400			
Total	**$166,700**	**$2,200**	**$29,800**	**$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
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	55%	0-2	$123,000	LIFE	* *	5	$7,500	
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Rear Side Of Building								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Rear Side Of Building								
Masonry: Limestone	30%			LIFE	* *	5	$3,100	
Staining/Discoloring, Extent : Light, Area Affected : 15%								
Location : Front Facade Above 3rd Floor								
Stucco Cement	5%	Now	$1,900	2047	* *	5	$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead Roof Access								
Wood Overhead Doors	10%			2047	* *	5	$6,800	
Dry Rot/Decay, Extent : Light, Area Affected : 2%								
Location : Front Side Of Building								
Windows								
Aluminum	100%			2042	* *	5	$300	
Parapets								
Cast Stone/Terra Cotta	10%	Now	$2,700	LIFE	* *	5	$1,100	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Coping Stones								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Masonry: Brick	90%	0-2	$3,300	LIFE	* *	5	$1,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Coping Stones								
Efflorescence, Extent : Light, Area Affected : 25%								
Location : Various Locations								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%	Now	$247,500	2044	* *			1
Drains Clogged, Extent : Moderate, Area Affected : 25%								
Location : Roof Drains								
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 244 East 111th Street								
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	$68,100	LIFE	* *	5	$17,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Apparatus Room Floor								
Ceramic Tile	10%	Now	$5,600	2043	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Toilets And Showers Throughout								
Worn/Erode, Extent : Moderate, Area Affected : 70%								
Location : Toilets And Showers Throughout								
Quarry Tile	10%	Now	$7,400	2047	* *	5	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Kitchen								
Worn/Erode, Extent : Light, Area Affected : 75%								
Location : Kitchen								
Vinyl Tile	40%	Now	$22,100	2039	* *	3	$3,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : 2nd And 3rd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 40%								
Location : 2nd And 3rd Floor								
Interior Walls								
Ceramic Tile	10%	Now	$2,200	2043	* *	5	$1,000	
Staining/Discoloring, Extent : Light, Area Affected : 40%								
Location : Various Locations At Toilets								
Gypsum Board	10%			LIFE	* *	5	$1,200	
Masonry: Brick	25%	Now	$47,200	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%			LIFE	* *	5	$1,800	
SGFT/Glazed Masonry	25%			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. 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	2%	Now	$100	2047	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 85%								
Location : Pantry								
Exposed Struc: Concrete	25%	Now	$224,800	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 25%								
Location : Basement								
Spalling, Extent : Severe, Area Affected : 15%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Area Of Concern Structurally								
Gypsum Board	10%	Now	$3,500	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	63%	Now	$76,700	LIFE	* *	5	$7,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : 3rd Floor								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : 3rd Floor								
Other Observation, Extent : N/A, Area Affected : 15%								
Location : Third Floor 244 East 111th Street								
Explanation : Area Of Concern Hole In Ceiling, Repair Halted								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Front Side Walk								
Parking/Driveway								
Cast in Place Concrete	100%			2047	* *			

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%	4+	$65,000	2064	* *	5	$200	
Enclosure Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement Of 244 East 111th Street								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Of 244 East 111th Street								
Explanation : One Main Service Switch Rated At 300 Amperes.								

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

FIRE DEPARTMENT - 057
ENGINE CO. 91
Asset # : 13074

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%	0-2	$65,000	2064	* *	5	$200	
Enclosure Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement Of 244 East 111th Street								
Raceway								
Conduit	100%			2034	$36,800	1		
Panelboards								
Molded Case Bkrs	100%			2033	$49,600	5	$300	
Obsolete Equipment, Extent : Severe, Area Affected : 100%								
Location : Throughout Firehouse								
Wiring								
Thermoplastic	100%			2034	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2032	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$200	
Corroded, Extent : Severe, Area Affected : 100%								
Location : Basement Of 240 East 111th Street								
Lighting								
Interior Lighting								
Fluorescent	15%			2034	$16,000	10	$1,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	15%	2-4	$16,000	2044	* *			
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	70%			2039	* *			
Egress Lighting								
Emergency, Battery	100%			2034	$20,600	10	$3,000	
Exterior Lighting								
HID	20%			2029	$11,500	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Building Perimeter								
Explanation : Controlled Via Photocell								
No Component	80%							
Alarm								
Security System								
Generic	100%			2042	* *	1	$4,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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. 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
Heating								
Energy Source								
Natural Gas	70%	2-4	$1,100	2044	* *	1		
Corroded, Extent : Severe, Area Affected : 100%								
Location : Gasoline Meter Valve Rig								
Natural Gas	30%			2044	* *	1		
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$12,200	
Distribution								
Steam Piping/Pump	100%	2-4	$4,900	2034	$98,500			
Insul. Deteriorating, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Leak Evident, Extent : Severe, Area Affected : 50%								
Location : Basement. Steam Pipe Leaking								
Terminal Devices								
Convector/Radiator	90%	2-4	$4,500	2032	$90,500	1	$3,200	
Damaged, Extent : Light, Area Affected : 30%								
Location : Radiator Covers								
Unit Heater - Steam	10%			2034	$7,000	4	$100	
Controls								
Digital	100%			2029	$353,200			
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Split Unit	25%			2034	$73,000			
Window/Wall Unit	25%			2029	$11,600	1		
No Component	50%							
Distribution								
Ductwork/Diffusers	25%			LIFE	* *	2	$4,000	
No Component	75%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$6,900	
Exhaust Fans								
Interior	50%			2034	$27,300	2	$200	
Roof	50%	0-2	$11,900	2044	* *	2	$200	
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Bedroom Exhausts At 2nd Floor Roof.								
Plumbing								
H/C Water Piping								
Galvanized Steel	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. 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
Plumbing								
Water Heater With Tanks								
Gas Fired	100%			2033	$17,100	2		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Sanitary Piping								
Cast Iron	100%	2-4	$7,700	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Waste Line In Building 240 Basement								
Storm Drain Piping								
Cast Iron	100%	2-4	$8,700	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Sump Pump(s)								
Non-Submersible	100%			2029	$2,500	4	$300	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : 1 Unit On Each Side								
Backflow Preventer								
No Component	95%							
Generic	5%			2042	* *	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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 92/ LADDER CO. 44**		
Address	: **1259 MORRIS AVENUE BTWN: E.168 ST. - E.169 ST.**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.092 / 13075**	**Yr Built/Renovated**	: **1912 /**
Area Sq Ft	: **10,623**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **03-Apr-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2450** **Lot** : **40**	**BIN**	: **2096490**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$301,700	
Interior Architecture		$175,700
Mechanical	$113,300	$182,600
Total	**$415,000**	**$358,300**
Importance Code A	$301,700	$56,400
Importance Code B	$113,300	$301,800
Total	**$415,000**	**$358,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$34,000	$4,500		$23,400
Interior Architecture	$52,200	$400	$500	$2,600
Electrical	$14,000	$3,500	$700	$900
Mechanical	$103,200	$4,100	$4,600	$7,700
Site Pavements	$26,500			
Total	**$229,900**	**$12,600**	**$5,900**	**$34,600**
Importance Code A	$45,600	$5,100	$500	$24,000
Importance Code B	$157,900	$7,500	$4,800	$10,700
Importance Code C	$26,500		$500	
Total	**$229,900**	**$12,600**	**$5,900**	**$34,600**

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. 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	70%	Now	$221,300	LIFE	* *	5	$26,900	
Painted Surfaces, Extent : Moderate, Area Affected : 75%								
Location : South And West Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : South Facade								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Into Basement Through Chimney Stack								
Masonry: Granite	4%			LIFE	* *	5	$1,200	
Masonry: Limestone	10%	0-2	$22,700	LIFE	* *	5	$2,900	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Street Facade								
Metal Panel	5%			2045	* *	5-10	$13,200	
Weathering Steel	1%			LIFE	* *	1		
Wood Overhead Doors	10%			2040	* *	5	$19,200	
Windows								
Aluminum	100%	Now	$80,400	2051	* *	5	$1,400	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$2,100	
Masonry: Brick	65%	0-2	$11,300	LIFE	* *	5	$1,800	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 5%								
Location : Parapet Wall								
Metal Rail	15%			2048	* *	5-10	$7,500	
No Component	10%							
Roof								
Modified Bitumen	100%			2040	* *	10	$10,200	
Recent Repair Evident, Extent : N/A, Area Affected : 80%								
Location : Roof								
Interior								

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. 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
Interior								
Floors								
Cast in Place Concrete	40%	Now	$27,000	LIFE	* *	5	$13,900	
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : At Waste/ Sewer Line Backup, Sidewalk Vault, And Hot Water Heater In Basement								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : Apparatus Floor								
Ceramic Tile	5%			2038	* *	5	$800	
Quarry Tile	5%			2040	* *	5	$1,200	
Sheet Vinyl/Rubber	10%			2040	* *	5	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Third Floor Gymnasium								
Explanation : Interlocking Rubber Tile								
Vinyl Tile	40%	Now	$17,600	2035	$175,700	3	$2,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Second And Third Floors								
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : Second And Third Floors								
Interior Walls								
Ceramic Tile	5%			2044	* *	5	$1,100	
Gypsum Board	50%			LIFE	* *	5	$6,600	
Masonry: Brick	20%			LIFE	* *			
Plaster	5%			LIFE	* *	5	$300	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	30%	4+	$1,600	2040	* *	5	$2,400	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Area								
Exposed Struc: Steel	25%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Below Apparatus Floor								
Explanation : Actually Metal Decking								
Gypsum Board	20%			LIFE	* *	5	$4,000	
Plaster	25%	Now	$6,000	LIFE	* *	5	$2,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Third Floor Locker Room								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2055	* *			
Retaining Walls								
Cast in Place Concrete	100%			2070	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			

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. 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
Site Pavements								
Parking/Driveway								
Asphalt	100%	Now	$26,500	2050	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 75%								
Location : Parking Lot								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : Parking Lot								
Potholes, Extent : Severe, Area Affected : 10%								
Location : Parking 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	100%			2045	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	* *	5	$300	
Raceway								
Conduit	100%			2045	* *	1		
Panelboards								
Fused Disc Sw	20%			2043	* *	5		
Molded Case Bkrs	80%			2043	* *	5	$200	
Wiring								
Thermoplastic	100%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$3,300	
Generators								
Diesel	100%			2038	* *	1	$4,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Yard								
Explanation : Emergency Generator Rated At 81 Kilovolt Amperes.								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$400	

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. 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
Stand-by Power								
Fuel Storage								
Main Tank	100%			2050	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Yard								
Explanation : 60 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	10%	Now	$9,200	2045	* *			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : 1st Floor								
LED	90%			2043	* *			
Egress Lighting								
Emergency, Service	40%			2035	$2,600	1		
Emergency, Battery	10%	Now	$1,800	2045	* *			
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Hallways								
Exit, Service	50%	Now	$2,300	2045	* *	1		
Not Functioning, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Exterior Lighting								
LED	20%			2043	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2055	* *	1		
Conversion Equipment								
Furnace	50%			2040	* *	1	$2,600	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Explanation : 5 Rooftop Package Units								
Hot Water Boiler	50%	Now	$11,300	2033	$56,400	1	$2,400	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement. Units Constantly Break Down								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : 4 Boilers Piped Together. Units Are Operational But Frequently Breaking Down. Units On Extended Life								
Distribution								
Hot Wtr Piping/Pump	50%			2043	* *	4	$400	
No Component	50%							

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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								
Terminal Devices								
Convector/Radiator	25%			2040	* *	1	$900	
Unit Heater - Steam	25%			2035	$15,100	4	$400	
No Component	50%							
Controls								
Electrical	100%	0-2	$29,500	2030	$59,100			
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Throughout. Ineffective Temperature Control Device								
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2040	* *	2	$300	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Roof								
Explanation : 5 Rooftop Package Units. R-410a								
Poor Insulation Of Ducts Penetration Causing Water Infiltration And Leakages At 3rd Floor								
Split Unit	50%	0-2	$25,200	2035	$126,100			
Malfunctioning, Extent : Light, Area Affected : 100%								
Location : The Split Unit At The Reception Room Is Malfunctioning.								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$23,300	LIFE	* *	2-5	$5,900	
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Roof								
Exhaust Fans								
Interior	30%			2040	* *	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Room								
Explanation : Undersized Exhasut Fan.								
Roof	50%			2040	* *	2	$200	
Wall Unit	20%			2035	$900	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$6,800	2055	* *	1		
Booster Pump w/Tank, Extent : Light, Area Affected : 100%								
Location : Basement								
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement. Corroded Booster Pump								
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units 75 Gallons Each								
HW Heat Exchanger								
Steam Fired	100%			2055	* *	4	$1,600	

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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								
Sanitary Piping								
Cast Iron	100%	Now	$2,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Front Side Of The Basement. Kitchen Sink Clogged								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Occasional Sewer Backup At Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$300	4	$300	
Backflow Preventer								
Generic	100%			2040	* *	1	$700	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2055	* *	1-2	$3,000	
Fire Pump								
Generic	100%			2044	* *	1	$2,000	
Chemical System								
Wet	100%			2030	$54,300	1-10	$29,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression System On Hood 4 Feet X 10 Feet Which Equals 40 Square Feet								

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.
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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **28-Oct-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2155** **Lot** : **30**	**BIN**	: **1075518**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$97,800
Total		**$97,800**
Importance Code A		$97,800
Total		**$97,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$110,300	$12,600		
Interior Architecture	$103,100			
Electrical	$5,300	$2,300	$2,400	$2,600
Mechanical	$9,900	$3,000	$11,400	$3,500
Total	**$228,600**	**$17,900**	**$13,900**	**$6,200**
Importance Code A	$111,400	$13,600	$1,100	$1,100
Importance Code B	$114,000	$4,200	$12,700	$5,100
Importance Code C	$3,200			
Total	**$228,600**	**$17,900**	**$13,900**	**$6,200**

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. 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%	Now	$49,200	LIFE	* *	5	$29,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : North Facades								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Foundation Wall								
Masonry: Granite	5%			LIFE	* *	5	$1,600	
Masonry: Limestone	10%	2-4	$33,600	LIFE	* *	5	$3,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Wood Overhead Doors	15%			2047	* *	5	$32,000	
Windows								
Aluminum	100%	Now	$3,000	2050	* *	5	$1,600	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : 3rd Floor Shower, Laundry Room								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$3,100	
Masonry: Brick	75%	2-4	$7,700	LIFE	* *	5	$3,000	
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : South Facade Roof Side								
Metal Rail	15%	0-2	$800	2047	* *	5	$4,300	
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Throughout								
Roof								
Roll Roofing	100%			2033	$97,800	5	$25,100	
Interior								
Floors								
Cast in Place Concrete	50%	0-2	$27,900	LIFE	* *	5	$35,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement Area								
Ceramic Tile	6%	Now	$5,500	2043	* *	5	$1,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Laundry Room And Bathrooms								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Throughout								
Explanation : Grout Staining								
Granite Panels	2%			LIFE	* *	5	$500	
Wood	33%	Now	$32,200	2062	* *	5	$10,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 60%								
Location : Throughout 2nd And 3rd Floor								
Wood	9%			2062	* *	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%	0-2	$500	2043	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms								
Concrete Masonry Unit	40%			LIFE	* *	5	$7,000	
Glass: Single Pane	2%			LIFE	* *	5	$700	
Gypsum Board	22%	Now	$2,700	LIFE	* *	5	$5,800	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : By Ladder Leading To Roof And Adjacent Room								
Masonry: Brick	18%			LIFE	* *			
Metal Panel	1%			LIFE	* *			
Plaster	5%			LIFE	* *	5	$700	
Wood	11%			LIFE	* *	5	$19,300	
Ceilings								
Exposed Struc: Concrete	40%			LIFE	* *	5	$2,000	
Exposed Struc: Steel	20%	Now	$31,500	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : South Side Below Apparatus Floor								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : South Side Below Apparatus Floor								
Explanation : Rusting Steel								
Gypsum Board	5%			LIFE	* *	5	$2,000	
Metal Panel	15%			LIFE	* *	5	$6,100	
Plaster	20%			LIFE	* *	5	$4,100	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2044	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2039	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2047	* *			

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 : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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

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%			2054	* *	5	$100	
Enclosure Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Raceway								
Conduit	100%			2054	* *	1		
Panelboards								
Molded Case Bkrs	100%			2050	* *	5	$600	
Wiring								
Thermoplastic	100%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2047	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$6,700	
Generators								
Diesel	100%			2043	* *	1	$8,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Backyard								
Explanation : 64 Kilowatt Portable Generator								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$800	
Fuel Storage								
Main Tank	100%			2062	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Within Generator Enclosure								
Explanation : 60 Gallon Diesel Tank								
Lighting								
Interior Lighting								
Fluorescent	4%			2034	$7,600	10	$800	
Compact Fluorescent Light, Extent : Light, Area Affected : 30%								
Location : Second And Third Floor								
HID	1%			2034	$1,300	10		
LED	95%			2042	* *			
Egress Lighting								
Emergency, Service	50%			2039	* *	1		
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	20%			2039	* *	10		
No Component	80%							
Alarm								

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

FIRE DEPARTMENT - 057
ENGINE CO. 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
Alarm								
Security System								
Generic	100%			2039	* *	1	$8,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Cameras Security System Only								

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%			2054	* *	1		
Conversion Equipment								
Furnace	50%			2034	$34,000	1	$5,400	
Hot Water Boiler	50%			2047	* *	1	$5,400	
Distribution								
Hot Wtr Piping/Pump	100%			2050	* *	4	$1,100	
Terminal Devices								
Convector/Radiator	80%			2047	* *	1	$5,700	
Fan Coil Unit/Heat	20%			2039	* *	1	$1,400	
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	95%	Now	$7,000	2039	* *	2	$1,000	
Damaged, Extent : Moderate, Area Affected : 50%								
Location : Bird Screens Missing Or Damaged On Roof								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 6 Units On Roof								
Window/Wall Unit	5%			2032	$4,100	1		
Distribution								
Ductwork/Diffusers	95%			LIFE	* *	2	$27,000	
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$12,200	
Exhaust Fans								
Roof	80%			2039	* *	2	$500	
Wall Unit	20%			2039	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	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. 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								
Water Heater With Tanks								
Gas Fired	100%			2032	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2039	* *	4	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Duplex Unit, One Single Unit								
Backflow Preventer								
Generic	100%			2039	* *	1	$1,300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2054	* *	1-2	$6,100	
Chemical System								
No Component	90%							
Generic	10%			2032	$5,800	1-10	$2,900	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Kitchen Fire Suppression System Covers 36 Square Feet (6x6).								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 94/ LADDER CO. 48 / BATTALION 3**		
Address	: **1226 SENECA AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.094 / 13077**	**Yr Built/Renovated**	: **1913 /**
Area Sq Ft	: **8,526**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **28-Jun-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2762** **Lot** : **54**	**BIN**	: **2006440**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical		$136,200
Total		**$136,200**
Importance Code B		$136,200
Total		**$136,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$21,000	$10,500	$1,100	
Interior Architecture	$49,000	$1,100	$500	
Electrical	$6,900	$1,000	$1,000	$900
Mechanical	$27,400	$7,300	$1,200	$1,200
Site Pavements	$29,200			
Total	**$133,600**	**$19,800**	**$3,800**	**$2,100**
Importance Code A	$21,900	$11,300	$2,000	$800
Importance Code B	$108,200	$8,500	$1,800	$1,200
Importance Code C	$3,500			
Total	**$133,600**	**$19,800**	**$3,800**	**$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
ENGINE CO. 94/ LADDER CO. 48 / BATTALION 3
Asset # : 13077

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	8%			2043	* *	10	$400	
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$11,200	
Masonry: Brick	70%			LIFE	* *	5	$10,000	
Masonry: Granite	5%			LIFE	* *	5	$500	
Stucco Cement	2%			2046	* *	5	$700	
Wood Overhead Doors	5%	Now	$20,600	2053	* *	5	$1,800	
Worn/Erode, Extent : Severe, Area Affected : 80%								
Location : Front Facade								
Windows								
Aluminum	100%			2049	* *	5	$2,300	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$2,500	
Masonry: Brick	85%			LIFE	* *	5	$2,800	
Metal Rail	5%			2046	* *	5-10	$2,900	
Roof								
Asphalt Shingle	5%			2042	* *	10	$100	
Modified Bitumen	90%			2038	* *	10	$10,500	
Roll Roofing	5%			2032	$3,800	5	$1,000	
Soffits								
Stucco Cement	100%			2046	* *	5		
Interior								
Floors								
Cast in Place Concrete	35%	4+	$7,700	LIFE	* *	5	$9,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Ceramic Tile	20%			2042	* *	5	$2,600	
Quarry Tile	5%			2038	* *	5	$1,000	
Terrazzo	5%	Now	$18,000	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Stair Treads								
Vinyl Tile	30%			2038	* *	3	$1,400	
Wood	5%			2048	* *	5	$1,200	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	10%			2042	* *	5	$1,800	
Gypsum Board	25%			LIFE	* *	5	$2,700	
Masonry: Brick	25%			LIFE	* *			
Plaster	30%	Now	$2,600	LIFE	* *	5	$1,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Bottom Of Stair To Basement								
Wood	5%			LIFE	* *	5	$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. 94/ LADDER CO. 48 / BATTALION 3
Asset # : 13077

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	20%			2046	* *	5	$2,600	
Exposed Struc: Steel	30%	Now	$18,500	LIFE	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 2%								
Location : Steel Decking In Basement Ceiling, Boiler Room And Storage Area								
Gypsum Board	20%			LIFE	* *	5	$3,200	
Plaster	30%			LIFE	* *	5	$2,400	
Site Enclosure								
Fence/Gates								
Chain Link	92%			2043	* *			
Iron Picket	8%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$29,200	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Failed Street Side								
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Asphalt	100%			2036	$17,600			

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%			2053	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 400 Ampere Main Switch								
Raceway								
Conduit	80%			2043	* *	1		
Conduit	20%			2053	* *	1		
Panelboards								
Molded Case Bkrs	100%			2049	* *	5	$200	
Wiring								
Thermoplastic	100%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	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	$100	
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. 94/ LADDER CO. 48 / BATTALION 3

Asset # : 13077

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%			2046	* *	1	$2,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 200 Amperes, 3 Pole, Connection For Generator								
Generators								
Diesel	100%			2042	* *	1	$3,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 100 Kilovolt Amperes								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$300	
Fuel Storage								
Day Tank	100%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 27 Gallons								
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2033	$2,600	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Emergency Lighting From Emergency Generator								
Exit, Service	50%			2033	$1,800	1		
Exterior Lighting								
Incandescent	5%			2033	$2,300	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Side Yard								
Explanation : Wall Mounted, Controlled Via Switch								
LED	15%	0-2	$3,400	2033	$6,900			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior								
Explanation : Wall Mounted, Controlled Via Time Clock								
No Component	80%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$3,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior								
Explanation : Cameras Security 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

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 94/ LADDER CO. 48 / BATTALION 3

Asset # : 13077

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%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$8,400	
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	90%			2038	* *	1	$2,500	
Unit Heater - Steam	10%			2028	$4,800	4	$100	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	20%			2033	$40,500			
Window/Wall Unit	80%			2027	$25,800	1		
Dehumidifier								
No Component	80%							
Generic	20%			2031	$136,200			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Basement								
Explanation : Portable								
Ventilation								
Exhaust Fans								
Roof	50%			2038	* *	2	$100	
Wall Unit	50%			2033	$1,800	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$300	4	$300	
Backflow Preventer								
No Component	95%							
Generic	5%			2041	* *	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.*

FIRE DEPARTMENT - 057
ENGINE CO. 94/ LADDER CO. 48 / BATTALION 3
Asset # : 13077

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								
No Component	98%							
Generic	2%			2028	$1,200	1-10	$600	
Other Observation, Extent : Light, Area Affected : 20% *Location : Kitchen* *Explanation : Two 16 Square Foot Fire Suppression Systems*								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 95/ LADDER CO. 36**		
Address	: **29 VERMILYEA AVENUE**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.095 / 13078**	**Yr Built/Renovated**	: **1913 / 2003**
Area Sq Ft	: **9,076**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **11-Oct-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **2224** **Lot** : **15**	**BIN**	: **1064801**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$313,500	
Interior Architecture		$120,900
Mechanical		$108,600
Total	**$313,500**	**$229,400**
Importance Code A	$313,500	
Importance Code B		$229,400
Total	**$313,500**	**$229,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$62,500		$2,700	
Interior Architecture	$145,000		$300	$1,200
Electrical	$600	$300	$400	$400
Mechanical	$31,400	$3,700	$7,600	$3,900
Site Enclosure	$3,500			
Site Pavements	$26,800			
Total	**$269,800**	**$4,000**	**$10,800**	**$5,500**
Importance Code A	$63,400	$900	$3,500	$900
Importance Code B	$138,200	$3,100	$7,300	$4,200
Importance Code C	$68,200			$400
Total	**$269,800**	**$4,000**	**$10,800**	**$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. 95/ LADDER CO. 36
Asset # : 13078

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%	2-4	$8,100	LIFE	* *	5	$8,000	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : North Facade								
Masonry: Brick	85%	Now	$237,400	LIFE	* *	5	$28,800	
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : Hose Tower								
Graffiti, Extent : Moderate, Area Affected : 15%								
Location : East Facades, Rear Facade								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : All Of Facades								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement Workout Room								
Masonry: Limestone	7%	Now	$37,400	LIFE	* *	5	$1,800	1
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : North Facade Near Roof								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Metal Sect. OHD	5%			2049	* *	5	$5,300	
Windows								
Aluminum	100%	Now	$76,000	2058	* *	5	$1,300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 90%								
Location : Various Locations								
Hardware Missing, Extent : Moderate, Area Affected : 10%								
Location : Various Locations								
Parapets								
Cast Stone/Terra Cotta	15%	Now	$1,200	LIFE	* *	5	$2,600	
Caulking Deteriorated, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Upper Roof								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Coping Stones								
Masonry: Brick	75%	Now	$4,300	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stucco Finish Over Parapet Wall								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Outside Face								
Masonry: Limestone	10%			LIFE	* *	5-10	$2,800	

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FIRE DEPARTMENT - 057
ENGINE CO. 95/ LADDER CO. 36
Asset # : 13078

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								
Modified Bitumen	100%	Now	$9,000	2041	* *			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 10%								
Location : Hose Tower. Bulkhead								
Patching Evident, Extent : Moderate, Area Affected : 5%								
Location : Roof Surface								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Over 2nd Floor Roof								
Explanation : Wood Deck Over Roof								
Interior								
Floors								
Cast in Place Concrete	50%	Now	$46,500	LIFE	* *	5	$12,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Apparatus Floor, Basement								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Basement Gymnasium								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Basement								
Explanation : Flooding Due To Sump Pump Problems.								
Ceramic Tile	5%			2045	* *	5	$500	
Quarry Tile	5%	0-2	$2,000	2041	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Kitchen Area, Information Booth								
Vinyl Tile	40%	Now	$12,100	2031	$120,900	3	$1,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd And 3rd Floor								
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : 2nd And 3rd Floor								
Patching Evident, Extent : Light, Area Affected : 10%								
Location : 2nd And 3rd Floor								
Worn/Erode, Extent : Moderate, Area Affected : 75%								
Location : 2nd And 3rd Floor								

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FIRE DEPARTMENT - 057
ENGINE CO. 95/ LADDER CO. 36
Asset # : 13078

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%			2045	* *	5	$800	
Concrete Masonry Unit	3%			LIFE	* *	5	$400	
Gypsum Board	2%	4+	$100	LIFE	* *	5	$200	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 1%								
Location : Southeast Locker Room								
Masonry: Brick	50%	Now	$31,200	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Basement								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Basement								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Plaster	40%	Now	$8,000	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : 2nd, 3rd Floor And Stair To Cellar								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 2nd And 3rd Floor East And West Sides								
Ceilings								
AcousTileSusp.Lay-In	5%			2049	* *	5	$500	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Exposed Struc: Concrete	25%	Now	$40,300	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Cellar Throughout								
Patching Evident, Extent : Moderate, Area Affected : 10%								
Location : Ceiling Beams								
Plaster	70%	4+	$4,600	LIFE	* *	5	$4,700	
Water Penetration, Extent : Moderate, Area Affected : 1%								
Location : 3rd Floor Southeast								
Site Enclosure								
Fence/Gates								
Chain Link	100%	2-4	$1,500	2056	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 15%								
Location : Rear Yard								
Free Standing Walls								
Masonry: Brick	100%	Now	$1,400	2046	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : North West Corner								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 5%								
Location : Front Facade								

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FIRE DEPARTMENT - 057
ENGINE CO. 95/ LADDER CO. 36
Asset # : 13078

Architecture

System / Component / Type	% of Total	Current Repair: Fail Date (Years)	Current Repair: Estimated Cost	Future Replacement: Year FY	Future Replacement: Estimated Cost	Maintenance: Cycle (Yrs)	Maintenance: Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	90%			2056	* *			
Masonry: Brick	10%	Now	$700	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : South Side Of Rear Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	2-4	$1,000	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Front Of Building								
On-Site Walkways								
Cast in Place Concrete	100%	2-4	$25,800	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Rear Yard								
Ponding, Extent : Light, Area Affected : 15%								
Location : Rear Yard								
Activity Yard								
Cast in Place Concrete	100%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Rear Yard								
Explanation : Basketball Court								

Electrical

System / Component / Type	% of Total	Current Repair: Fail Date (Years)	Current Repair: Estimated Cost	Future Replacement: Year FY	Future Replacement: Estimated Cost	Maintenance: Cycle (Yrs)	Maintenance: Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2056	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2056	* *	5	$200	
Raceway								
Conduit	70%			2036	$25,800	1		
Conduit	30%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,500	5		
Molded Case Bkrs	75%			2052	* *	5	$200	
Molded Case Bkrs	20%			2035	$9,900	5		
Wiring								
Thermoplastic	75%			2056	* *	1		
Thermoplastic	25%			2036	$8,300	1		
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5	$100	
Ground								

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FIRE DEPARTMENT - 057
ENGINE CO. 95/ LADDER CO. 36
Asset # : 13078

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								
Under Construction	100%							
Generators								
Under Construction	100%							
Batteries								
Under Construction	100%							
Fuel Storage								
Under Construction	100%							
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$1,100	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$3,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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								
Steam Boiler	100%			2041	* *	1	$9,000	
Distribution								
Central Plant Steam Piping/Pmp	100%			2046	* *	4	$400	
Terminal Devices								
Convector/Radiator	100%			2041	* *	1	$2,900	
Controls								
Electrical	100%			2034	$50,500			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 95/ LADDER CO. 36
Asset # : 13078

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								
Interior Pkg Unit - Cooling	20%			2037	* *	2	$100	
Exterior Pkg Unit - Cooling	50%			2041	* *	2	$300	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Split Units, 1 Package Unit								
Window/Wall Unit	10%			2031	$3,400	1		
No Component	20%							
Distribution								
Ductwork/Diffusers	75%	0-2	$23,900	LIFE	* *	2	$8,900	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Condensate Via The Duct At 3rd Floor								
No Component	25%							
Terminal Devices								
Air Handler/Dir Expansion	35%			2041	* *	1		
No Component	65%							
Heat Rejection								
Dry Cooler	50%			2041	* *	2	$3,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Split Units Serve 2nd Floor								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$8,000	
Exhaust Fans								
Roof	75%			2041	* *	2	$200	
Wall Unit	25%			2036	$1,000	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Sanitary Piping								
Cast Iron	25%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Aged Piping								
Cast Iron	75%			LIFE	* *	1		

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FIRE DEPARTMENT - 057
ENGINE CO. 95/ LADDER CO. 36
Asset # : 13078

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)								
Non-Submersible	50%			2041	* *	4	$100	
Submersible	50%			2029	$100	4	$100	
Backflow Preventer								
No Component	95%							
Generic	5%			2041	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Boiler								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2034	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Kitchen Hood 5 Feet X 8 Feet Which Equals 40 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 96/ LADDER CO. 54**		
Address	: **1689 STORY AVENUE**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.096 / 13079**	**Yr Built/Renovated**	: **1966 / 2002**
Area Sq Ft	: **7,035**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **11-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **3660** **Lot** : **1**	**BIN**	: **2022629**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$689,600	
Electrical		$61,100
Mechanical	$159,200	$126,500
Site Enclosure	$65,600	
Site Pavements		$51,200
Total	**$914,500**	**$238,800**
Importance Code A	$689,600	$74,800
Importance Code B	$159,200	$112,900
Importance Code C	$65,600	$51,200
Total	**$914,500**	**$238,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$63,400			
Interior Architecture	$500		$400	
Electrical				
Mechanical	$61,700	$14,300	$700	$600
Site Pavements	$15,400			
Total	**$141,000**	**$14,300**	**$1,100**	**$600**
Importance Code A	$63,800	$400	$300	$300
Importance Code B	$61,500	$13,900	$800	$200
Importance Code C	$15,700			
Total	**$141,000**	**$14,300**	**$1,100**	**$600**

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FIRE DEPARTMENT - 057
ENGINE CO. 96/ LADDER CO. 54
Asset # : 13079

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%	Now	$484,000	LIFE	* *	5	$14,700	
Corrosion/Rusting, Extent : Severe, Area Affected : 2%								
Location : 2nd Floor Relieving Angles And Lintels At Side Facades								
Diagonal Cracks, Extent : Severe, Area Affected : 5%								
Location : Right Side At Front And Side Facade Near Rear								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 15%								
Location : 2nd Floor At Window Lintels								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : 2nd Floor Window Level And Throughout South Facade								
Metal Sect. OHD	10%			2046	* *	5	$5,100	
Windows								
Aluminum	100%	Now	$44,200	2058	* *	5	$900	
Air Infiltration, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 55%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$4,900	LIFE	* *	5	$700	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 60%								
Location : Coping Stones								
Masonry: Brick	90%	Now	$103,100	LIFE	* *	5	$800	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : Throughout Main Roof								
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Roof Parapets								
Explanation : Shifting Of Parapet Wall								
Roof								
Built-Up (BUR)	80%	Now	$102,600	2043	* *			
Alligatoring, Extent : Moderate, Area Affected : 50%								
Location : Main Roof								
Debris on Roof, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Grvl/Blst Miss/Disp, Extent : Moderate, Area Affected : 50%								
Location : Main Roof								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 5%								
Location : Parapet Walls								
Roll Roofing	20%	Now	$14,300	2035	$14,300	5	$1,800	
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Lower Roof								
Worn/Erode, Extent : Severe, Area Affected : 50%								
Location : Throughout Roof Area								

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FIRE DEPARTMENT - 057
ENGINE CO. 96/ LADDER CO. 54
Asset # : 13079

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	$13,900	
Ceramic Tile	3%			2042	* *	5	$300	
Quarry Tile	2%			2046	* *	5	$300	
Terrazzo	5%			LIFE	* *	5	$400	
Vinyl Tile	30%			2038	* *	3	$1,200	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Ceramic Tile	5%			2042	* *	5	$700	
Concrete Masonry Unit	5%			LIFE	* *	5	$300	
Gypsum Board	35%			LIFE	* *	5	$3,100	
Plaster	10%			LIFE	* *	5	$400	
SGFT/Glazed Masonry	40%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	30%			2046	* *	5	$3,200	
Exposed Struc: Concrete	50%			LIFE	* *	5	$800	
Plaster	20%			LIFE	* *	5	$1,300	
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$65,600	2063	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Free Standing Walls								
Concrete Masonry Unit	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Asphalt	45%	0-2	$15,400	2036	$51,200			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Side Driveway								
Potholes, Extent : Moderate, Area Affected : 10%								
Location : Side Driveway								
Cast in Place Concrete	55%			2046	* *			

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. 96/ LADDER CO. 54
Asset # : 13079

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	95%			2043	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 400 Ampere Fused Disconnect Switch								
Photovoltaic Panel(s)	5%			2036	$4,500	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rooftop								
Explanation : Serves Hot Water Heaters								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Fused Disc Sw	3%			2041	* *	5		
Molded Case Bkrs	97%			2041	* *	5	$200	
Wiring								
Thermoplastic	100%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2038	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2033	$61,100	10	$6,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Battery	50%			2033	$5,900	10	$800	
Exit, Service	50%			2033	$1,500	1		
Exterior Lighting								
HID	20%			2033	$6,600	10		
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil	100%			2043	* *	5	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2,500 Gallon Tank In Vault								
Conversion Equipment								
Hot Water Boiler	100%			2031	$74,800	1	$3,500	
Distribution								
Hot Wtr Piping/Pump	100%			2041	* *	4	$300	

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FIRE DEPARTMENT - 057
ENGINE CO. 96/ LADDER CO. 54
Asset # : 13079

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%			2031	$51,800	1	$2,000	
Unit Heater - Steam	10%			2028	$4,000	4	$100	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	20%	Now	$33,400	2043	* *			
Broken, Extent : Moderate, Area Affected : 50%								
Location : Roof And 2nd Floor								
Window/Wall Unit	60%			2027	$16,000	1		
No Component	20%							
Ventilation								
Exhaust Fans								
Roof	100%			2038	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$4,500	2043	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Bathroom Sink								
Water Heater With Tanks								
Gas Fired	50%			2028	$8,500	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Solar	50%			2028	$159,200	1		
Sanitary Piping								
Cast Iron	100%	Now	$4,400	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : 2nd Floor Bathroom								
Explanation : Shower Drains Are Under Sized Causing Flooding								
Storm Drain Piping								
Cast Iron	100%	0-2	$2,500	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Drain At Apparatus Room Clogged								
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Backflow Preventer								
No Component	95%							
Generic	5%			2033	$200	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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO. 97**		
Address	: **1454 ASTOR AVENUE @ FENTON AVE**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.097 / 13080**	**Yr Built/Renovated**	: **1931 / 2010**
Area Sq Ft	: **5,006**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **22-Jun-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **4389** **Lot** : **23**	**BIN**	: **2050740**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$407,900	
Total	**$407,900**	
Importance Code A	$407,900	
Total	**$407,900**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$41,600	$11,900		
Interior Architecture	$13,500		$300	
Electrical		$2,000		
Mechanical	$900	$36,100	$700	$700
Total	**$56,100**	**$50,000**	**$1,100**	**$700**
Importance Code A	$42,100	$12,400	$500	$500
Importance Code B	$700	$37,600	$600	$200
Importance Code C	$13,300			
Total	**$56,100**	**$50,000**	**$1,100**	**$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
ENGINE CO. 97
Asset # : 13080

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%	Now	$198,200	LIFE	* *	5	$12,000	
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Side Facade								
Painted Surfaces, Extent : Light, Area Affected : 30%								
Location : Side And Rear Facade								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : North Elevation, Foundation Wall In Basement								
Masonry: Granite	5%			LIFE	* *	5	$700	
Stucco Cement	20%	Now	$209,700	2053	* *	5	$4,600	
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout Side Facades								
Wood Overhead Doors	10%			2038	* *	5	$9,300	
Windows								
Aluminum	100%	Now	$17,800	2049	* *	5	$900	
Water Penetration, Extent : Severe, Area Affected : 15%								
Location : At Window Lintels Front Facade								
Parapets								
Masonry: Brick	90%	Now	$23,800	LIFE	* *	5	$1,900	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 10%								
Location : Parapet Wall								
Painted Surfaces, Extent : Moderate, Area Affected : 100%								
Location : Parapet Wall								
Masonry: Limestone	10%			LIFE	* *	5	$300	
Staining/Discoloring, Extent : Severe, Area Affected : 20%								
Location : Coping Stones								
Roof								
Metal Panel	10%			2046	* *	10	$1,500	
Modified Bitumen	90%			2038	* *	10	$7,300	
Interior								
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	$11,300	
Ceramic Tile	5%			2042	* *	5	$400	
Quarry Tile	5%			2046	* *	5	$600	
Vinyl Tile	30%			2038	* *	3	$1,000	

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

FIRE DEPARTMENT - 057
ENGINE CO. 97
Asset # : 13080

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%			2042	* *	5	$600	
Gypsum Board	25%			LIFE	* *	5	$1,800	
Masonry: Brick	10%	Now	$11,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement								
Plaster	30%	Now	$1,700	LIFE	* *	5	$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Along North And East Facade								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : 2nd Floor Front Offices At Windows								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Along North And East Facade, Front Offices								
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	20%			2046	* *	5	$1,700	
Exposed Struc: Concrete	35%			LIFE	* *	5	$500	
Exposed Struc: Steel	20%			LIFE	* *			
Plaster	25%			LIFE	* *	5	$1,300	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2043	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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 : 200 Amperes								
Raceway								
Conduit	100%			2043	* *	1		
Panelboards								
Molded Case Bkrs	60%			2041	* *	5	$100	
Molded Case Bkrs	40%			2055	* *	5	$100	

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
ENGINE CO. 97
Asset # : 13080

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%			2043	* *	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	30%			2038	* *	10	$1,400	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Basement								
LED	70%			2038	* *			
Egress Lighting								
Emergency, Battery	50%			2038	* *	10	$600	
Exit, LED	50%			2061	* *	1		
Exterior Lighting								
HID	20%			2033	$4,700	10		
Outdr Lights On During Daytime, Extent : Moderate, Area Affected : 100%								
Location : Outside								
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2043	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$5,000	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : One Boiler								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	70%			2038	* *	1	$1,100	
Fan Coil Unit/Heat	30%			2038	* *	1	$500	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	10%			2033	$11,900			
Window/Wall Unit	90%			2028	$17,100	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. 97
Asset # : 13080

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%			2033	$9,700	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2043	* *	1		
Galvanized Steel	30%			2038	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 75 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
No Component	98%							
Generic	2%			2028	$1,200	1-10	$600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : Kitchen Fire Suppression Covers 32 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **ENGINE CO.154/ S.I. BORO COMMAND**		
Address	: **3730 VICTORY BOULEVARD**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.154 / 13084**	**Yr Built/Renovated**	: **1972 /**
Area Sq Ft	: **9,014**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **29-May-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **2665** **Lot** : **25**	**BIN**	: **5041882**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$135,600
Interior Architecture		$55,900
Mechanical	$50,100	
Total	**$50,100**	**$191,500**
Importance Code A		$135,600
Importance Code B	$50,100	$55,900
Total	**$50,100**	**$191,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$3,100	$3,900		$200
Interior Architecture	$14,100	$3,000		$300
Electrical	$1,000	$3,600	$1,000	$10,200
Mechanical	$12,500	$1,600	$1,000	$7,500
Site Enclosure				$2,200
Site Pavements	$13,800			
Total	**$44,600**	**$12,000**	**$1,900**	**$20,300**
Importance Code A	$3,600	$4,300	$400	$700
Importance Code B	$25,800	$6,700	$1,500	$17,400
Importance Code C	$15,200	$900		$2,200
Total	**$44,600**	**$12,000**	**$1,900**	**$20,300**

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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.154/ S.I. BORO COMMAND
Asset # : 13084

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%			2055	* *	10	$100	
Cast in Place Concrete	10%			LIFE	* *	5	$10,800	
Masonry: Brick	76%			LIFE	* *	5	$16,400	
Metal Sect. OHD	10%			2048	* *	5	$6,700	
Pre-cast Concrete	2%	0-2	$3,100	LIFE	* *	5	$1,400	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Various Window Sills								
Windows								
Aluminum	95%			2051	* *	5	$2,900	
Metal Louvers	5%			2044	* *	10	$900	
Parapets								
Metal Panel	5%			2055	* *	5	$400	
No Component	95%							
Roof								
Asphalt Shingle	20%			2048	* *	10	$500	
Modified Bitumen	80%			2035	$135,600	10	$12,400	
Worn/Erode, Extent : Light, Area Affected : 10%								
Location : Roof								
Soffits								
Exposed Struc: Concrete	100%			LIFE	* *	5	$200	
Interior								
Floors								
Cast in Place Concrete	40%	4+	$9,200	LIFE	* *	5	$11,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Apparatus Floor								
Ceramic Tile	30%			2048	* *	5	$4,000	
Terrazzo	15%			LIFE	* *	5	$1,600	
Vinyl Tile	15%	Now	$1,100	2035	$55,900	3	$800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Interior Walls								
Ceramic Tile	10%			2048	* *	5	$1,900	
Concrete Masonry Unit	15%			LIFE	* *	5	$1,100	
Gypsum Board	5%			LIFE	* *	5	$600	
Mosaic Tile	5%	Now	$1,400	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : Stairs								
Plaster	20%			LIFE	* *	5	$1,100	
SGFT/Glazed Masonry	45%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	55%	Now	$2,500	2048	* *	5	$3,700	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Gypsum Board	5%			LIFE	* *	5	$800	
Plaster	40%			LIFE	* *	5	$3,400	

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FIRE DEPARTMENT - 057
ENGINE CO.154/ S.I. BORO COMMAND
Asset # : 13084

Architecture

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Aluminum Rail	10%			2040	* *	5-10	$3,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Guard Rails								
Chain Link	90%			2045	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			
Parking/Driveway								
Asphalt	80%	Now	$13,800	2038	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : West Driveway								
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : West Driveway								
Ponding, Extent : Moderate, Area Affected : 35%								
Location : West Driveway								
Cast in Place Concrete	20%			2048	* *			

Electrical

System / Component / Type	Current Repair: % of Total	Fail Date (Years)	Estimated Cost	Future Replacement: Year FY	Estimated Cost	Maintenance: Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Electrical Room								
Explanation : Main Disconnect Rated At 400 Amperes								
Raceway								
Conduit	100%			2035	$36,800	1		
Panelboards								
Molded Case Bkrs	100%			2051	* *	5	$200	
Wiring								
Braided Cloth	10%			2034	$3,300	1		
Thermoplastic	90%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	$2,800	

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FIRE DEPARTMENT - 057
ENGINE CO.154/ S.I. BORO COMMAND
Asset # : 13084

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	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outdoor Enclosure								
Explanation : 143 Kilovot Amperes, 115 Kilowatts Rated Capacity								
Batteries								
Lead/Acid	100%			2028	$2,500	5	$300	
Fuel Storage								
Day Tank	25%			2043	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside Emergency Generator Enclosure								
Explanation : 120 Gallon Capacity								
Main Tank	75%			2050	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Above Ground, Side Yard								
Explanation : 500 Gallon Diesel Fuel Tank								
Lighting								
Interior Lighting								
Fluorescent	10%			2030	$7,800	10	$800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	90%			2043	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, Service	50%			2040	* *	1		
Exterior Lighting								
Incandescent	1%			2030	$500	2		
LED	19%			2043	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2043	* *	1	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Only								
Explanation : CCTV 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								
Natural Gas	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.154/ S.I. BORO COMMAND
Asset # : 13084

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%			2040	* *	1	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$400	2051	* *	4	$400	
Insul. Deteriorating, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Terminal Devices								
Convector/Radiator	80%			2040	* *	1	$2,300	
Unit Heater - Hot Water	20%			2035	$10,700			
Controls								
Electrical	100%			2030	$50,100			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		
Conversion Equipment								
Split Unit	45%			2040	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Window/Wall Unit	15%			2030	$5,100	1		
Window/Wall Unit	20%	0-2	$6,800	2035	$6,800	1		
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	45%			2040	* *	1	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Sleeping Rooms								
Explanation : Indoor Units Associated With Condensing Units.								
No Component	55%							
Heat Rejection								
Evaporative Condenser	45%			2040	* *	2	$2,800	
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,000	
No Component	80%							

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FIRE DEPARTMENT - 057
ENGINE CO.154/ S.I. BORO COMMAND
Asset # : 13084

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	20%	Now	$2,100	2035	$3,500	2		
Broken, Extent : Severe, Area Affected : 50%								
Location : 1 Unit, Roof								
Wall Unit	25%			2030	$1,000	2	$100	
No Component	55%							
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2055	* *	1		
Brass/Copper	20%	0-2	$1,200	2055	* *	1		
Not Insulated, Extent : Light, Area Affected : 80%								
Location : 1st Floor								
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	10%	Now	$1,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor And Drive Way								
Cast Iron	90%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	$1,800	4	$300	
Sewage Ejector(s)								
Electric	100%			2040	* *	4	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Duplex Unit								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **FDNY BOAT MAINTENANCE @MARINE 6 NAVY YARD BLDG. 295**
Address : **HAMMERHEAD AVE IN FRONT OF BLDG. 270**
Borough : **BROOKLYN**
Agency's Number : **N/A**
Program / Asset # : **FIRMAR6.010 / 14939**
Yr Built/Renovated : **2015 /**
Area Sq Ft : **6,000**
Project Type : **FIRE DEPARTMENT**
Date of Survey : **10-Mar-2025**
Landmark Status : **NONE**
Areas Surveyed : **Floors 1**
Block : **2023** **Lot** : **1** **BIN** :

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$76,600	
Total	**$76,600**	
Importance Code A	$76,600	
Total	**$76,600**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$47,800		$19,200	
Interior Architecture	$35,500			
Electrical	$300	$200	$200	$200
Mechanical	$200		$200	
Total	**$83,700**	**$300**	**$19,600**	**$300**
Importance Code A	$47,900		$19,400	
Importance Code B	$35,800	$300	$300	$300
Total	**$83,700**	**$300**	**$19,600**	**$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

FDNY BOAT MAINTENANCE @MARINE 6 NAVY YARD BLDG. 295

Asset # : 14939

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	$15,900	
Metal Panel	75%	4+	$39,600	2056	* *	5	$22,400	
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Explanation : Building Is Not Heated. Cold Air Infiltration During Winter Months								
Metal Coiling Doors	15%	4+	$76,600	2049	* *	5	$3,700	
Air Infiltration, Extent : Severe, Area Affected : 80%								
Location : Door Perimeter								
Other Observation, Extent : Severe, Area Affected : 75%								
Location : Coiling Door And Throughout								
Explanation : Building Is Not Heated. Cold Air Infiltration During Winter Months								
Windows								
Aluminum	75%			2052	* *	5	$400	
Metal Louvers	25%			2049	* *	10	$900	
Parapets								
Metal Rail	100%			2049	* *	5-10	$30,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Observed From Ground, Roof Is Not Accessible								
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	* *	5	$35,200	
Not Accessible	10%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Mezzanine								
Explanation : No Access, No Stair, No Ladder								
Ceilings								
Exposed Struc: Steel	100%			LIFE	* *	10	$17,900	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2056	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Asphalt	50%			2045	* *			
Cast in Place Concrete	50%			2049	* *			

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

FDNY BOAT MAINTENANCE @MARINE 6 NAVY YARD BLDG. 295

Asset # : 14939

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	90%			2056	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Garage Area								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Photovoltaic Panel(s)	10%			2045	* *	1		
Raceway								
Conduit	100%			2056	* *	1		
Panelboards								
Fused Disc Sw	10%			2052	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Garage Area								
Explanation : Serving The Solar Panel Photovoltaic Cell								
Molded Case Bkrs	90%			2052	* *	5	$100	
Wiring								
Thermoplastic	100%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2049	* *	5		
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$700	
Exit/Emergency Light Combo	50%			2041	* *			
Exterior Lighting								
LED	30%			2041	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance Cameras								

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	100%			2056	* *	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

FDNY BOAT MAINTENANCE @MARINE 6 NAVY YARD BLDG. 295

Asset # : 14939

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	20%			2041	* *	2	$600	
Other Observation, Extent : N/A, Area Affected : 20%								
Location : First Floor								
Explanation : Portable Electrical Heaters								
No Component	80%							
Terminal Devices								
Fan Coil Unit/Heat	20%			2041	* *	1	$400	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Plumbing								
Storm Drain Piping								
Plastic/PVC	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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FDNY BTDS STORAGE FACLILTY FORMER LADDER CO. 114 BLDG.**		
Address	: **5209 5TH AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSLAD.114 / 13223**	**Yr Built/Renovated**	: **1897 /**
Area Sq Ft	: **3,202**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **13-Oct-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **808** **Lot** : **6**	**BIN**	: **3013940**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$53,900	
Interior Architecture	$323,300	
Electrical		$65,000
Total	**$377,200**	**$65,000**
Importance Code A	$53,900	
Importance Code B	$323,300	$65,000
Total	**$377,200**	**$65,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$9,600			
Interior Architecture	$24,600			$200
Electrical	$10,600	$6,800	$100	$100
Mechanical	$400	$23,600	$400	$400
Total	**$45,200**	**$30,400**	**$500**	**$800**
Importance Code A	$10,000	$300	$300	$300
Importance Code B	$29,200	$30,100	$200	$500
Importance Code C	$6,000			
Total	**$45,200**	**$30,400**	**$500**	**$800**

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

FIRE DEPARTMENT - 057

FDNY BTDS STORAGE FACLILTY FORMER LADDER CO. 114 BLDG.

Asset # : 13223

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	$53,900	LIFE	* *	5	$13,100	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : East Facade								
Masonry: Limestone	10%			LIFE	* *	5	$1,200	
Metal Sect. OHD	10%			2046	* *	5	$5,100	
Windows								
Aluminum	100%	Now	$3,600	2049	* *	5	$400	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Bath And 2nd Floor East, Throughout								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$1,400	
Masonry: Brick	90%			LIFE	* *	5	$1,600	
Roof								
Modified Bitumen	95%	2-4	$1,400	2038	* *			
Blisters, Extent : Light, Area Affected : 5%								
Location : Main Roof								
Skylight, Metal/Glass	5%	Now	$4,600	2043	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Old Kitchen								
Interior								
Floors								
Cast in Place Concrete	65%	Now	$200,200	LIFE	* *	5	$8,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Apparatus Floor								
Explanation : Structurally Insufficient								
Ceramic Tile	5%	0-2	$300	2042	* *	5	$200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Bathroom								
Vinyl Tile	30%	0-2	$10,000	2038	* *	3	$700	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Interior Walls								
Ceramic Tile	5%			2042	* *	5	$400	
Gypsum Board	10%			LIFE	* *	5	$500	
Masonry: Brick	30%			LIFE	* *			
SGFT/Glazed Masonry	30%			LIFE	* *			
Wood	25%	Now	$5,800	LIFE	* *	5	$8,300	
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : 2nd Floor 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

FDNY BTDS STORAGE FACLILTY FORMER LADDER CO. 114 BLDG.

Asset # : 13223

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	40%	4+	$2,000	2046	* *	5	$1,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Throughout								
Embossed Metal	30%	Now	$5,500	LIFE	* *	5	$800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Deformed/Dented, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	1%	Now	$700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : At Removed Sidewalkto Basement Bilco Door Penetration								
Masonry: Vault Struct	29%	Now	$123,100	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Loose Units, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Structurally Insufficient And Beams Corroded, Lolly Columns Installed								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2038	* *			

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$65,000	5	$100	
Raceway								
Conduit	100%			2033	$36,800	1		
Panelboards								
Fused Disc Sw	10%			2032	$5,000	5		
Molded Case Bkrs	90%			2032	$44,700	5	$100	
Wiring								
Thermoplastic	100%			2033	$33,300	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

FDNY BTDS STORAGE FACLILTY FORMER LADDER CO. 114 BLDG.

Asset # : 13223

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%			2031	$18,200	5		
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Main								
Explanation : Corroded								
Lighting								
Interior Lighting								
Fluorescent	100%			2038	* *	10	$2,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Exterior Lighting								
HID	25%			2028	$3,700	10		
No Component	75%							
Alarm								
Security System								
Generic	100%			2038	* *	1	$1,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front And Rear Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2059	* *	1		
Conversion Equipment								
Steam Boiler	100%			2050	* *	1	$3,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2053	* *			
Terminal Devices								
Convector/Radiator	50%			2031	$13,100	1	$500	
Convector/Radiator	50%			2050	* *	1	$500	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2028	$6,100	1		
No Component	50%							

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

FIRE DEPARTMENT - 057

FDNY BTDS STORAGE FACLILTY FORMER LADDER CO. 114 BLDG.

Asset # : 13223

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								
Wall Unit	10%			2038	* *	2		
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	30%			LIFE	* *	1		
Cast Iron	70%			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.*

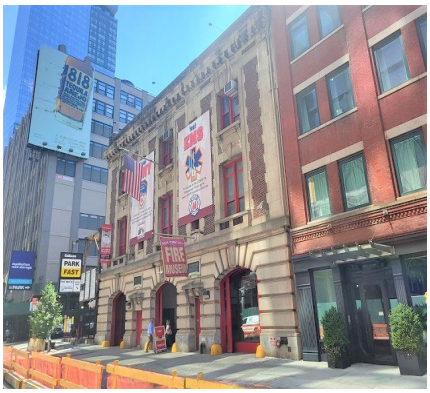
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FDNY FIRE MUSEUM**		
Address	: **278 SPRING ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSMUS.000 / 14345**	**Yr Built/Renovated**	: **1904 / 1999**
Area Sq Ft	: **21,457**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **25-Aug-2022**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **579** **Lot** : **11**	**BIN**	: **1009739**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$267,800	
Electrical		$60,600
Mechanical		$51,800
Total	**$267,800**	**$112,400**
Importance Code A	$267,800	
Importance Code B		$112,400
Total	**$267,800**	**$112,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$57,700		$21,900	
Interior Architecture	$108,200	$500	$1,200	$4,000
Electrical	$12,200	$2,400	$28,100	$2,000
Mechanical	$3,400	$4,600	$12,100	$3,600
Elevators/Escalators	$7,200	$7,200	$7,200	$7,200
Total	**$188,700**	**$14,700**	**$70,500**	**$16,900**
Importance Code A	$59,800	$2,000	$24,000	$2,000
Importance Code B	$120,200	$12,700	$46,400	$14,800
Importance Code C	$8,700			
Total	**$188,700**	**$14,700**	**$70,500**	**$16,900**



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
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								
Alum/Vinyl Siding	5%			2044	* *	10	$800	
Masonry: Brick	50%			LIFE	* *	5	$25,100	
Masonry: Limestone	10%	4+	$13,000	LIFE	* *	5	$3,800	
Staining/Discoloring, Extent : Light, Area Affected : 25%								
Location : Cornice								
Masonry: Limestone	15%			LIFE	* *	5	$5,600	
Granite Panels	5%			LIFE	* *	5	$1,900	
Stucco Cement	10%	Now	$93,200	2047	* *	5	$6,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Stair And Mechanical Room Roof Bulkheads								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Stair And Mechanical Room Bulkheads								
Window Wall	5%			2044	* *	5	$9,400	
Windows								
Aluminum	90%	Now	$25,900	2050	* *	5	$1,200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : 3rd And 2nd Floor								
Wood	10%	Now	$7,300	2059	* *	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	55%	Now	$11,500	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : South Facade								
Staining/Discoloring, Extent : Moderate, Area Affected : 75%								
Location : Throughout								
Masonry: Limestone	12%			LIFE	* *	5	$500	
Metal Cornice	4%			2049	* *	10	$400	
Metal Panel	12%			2054	* *	5	$1,400	
Metal Rail	5%			2039	* *	5-10	$2,700	
Slate	12%			LIFE	* *	5	$400	
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Copings Located On South Side Of Roof								
Roof								
Built-Up (BUR)	90%			2029	$174,600	10	$13,700	
Worn/Erode, Extent : Moderate, Area Affected : 30%								
Location : Main Roof								
Modified Bitumen	5%			2039	* *	10	$800	
Skylight, Metal/Glass	5%			2054	* *	10	$2,500	
Interior								

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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
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	$46,700	2033	$155,500	3	$12,000	
Worn/Erode, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor								
Cast in Place Concrete	40%			LIFE	* *	5	$28,100	
Ceramic Tile	3%			2043	* *	5	$1,000	
Quarry Tile	2%			2047	* *	5	$1,000	
Sheet Vinyl/Rubber	5%			2039	* *	5	$2,400	
Wood	25%			2062	* *	5	$15,100	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	$2,600	
Gypsum Board	40%			LIFE	* *	5	$6,200	
Masonry: Brick	10%			LIFE	* *			
Plaster	25%	Now	$8,700	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair Bulkhead At Roof Level								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Stair Bulkhead At Roof Level								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkhead At Roof Level								
Ceilings								
Exposed Struc: Concrete	40%	Now	$42,200	LIFE	* *	5	$2,000	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout Basement								
Gypsum Board	55%			LIFE	* *	5	$22,100	
Plaster	5%	Now	$2,700	LIFE	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Stair And Equipment Room Bulkheads								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Stair And Equipment Room Bulkheads								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			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%			2034	$27,700	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1,200 Ampere Main Switch								
Raceway								
Conduit	100%			2034	$40,300	1		

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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								
Panelboards								
Molded Case Bkrs	100%	Now	$6,600	2033	$32,800	5	$300	
Mech. Misoperation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Wiring								
Braided Cloth	10%	4+	$3,600	2059	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	90%			2054	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	2%			2034	$7,700	10	$400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement								
Fluorescent	1%			2029	$3,800	10	$200	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Staircases								
LED	97%			2042	* *			
Egress Lighting								
Emergency, Battery	50%			2034	$19,700	10	$2,600	
Exit, Battery	50%			2034	$16,600	10	$700	
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							
Alarm								
Security System								
Generic	50%			2029	$22,100	1	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Intrusion Alarm System								
Generic	50%			2039	* *	1	$4,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior And Interior								
Explanation : Cameras Security System								
Fire/Smoke Detection								
Generic, Digital	100%			2034	$60,600	1-3	$13,200	

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%			2054	* *	1		

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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
Heating								
Conversion Equipment								
Radiant Heater	5%			2039	* *	2	$500	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Home Demonstration Area								
Explanation : Electric Radiant Floors								
Steam Boiler	95%			2047	* *	1	$20,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2054	* *			
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	$6,900	
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	75%			2039	* *	2	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof And Extension Roof								
Explanation : 2 Units								
Split Unit	5%			2039	* *			
Window/Wall Unit	20%			2032	$17,800	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$27,900	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$12,000	
Exhaust Fans								
Roof	100%			2034	$45,600	2	$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Water Heater With Tanks								
Electric	100%			2033	$51,800	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd And 3rd Floor								
Explanation : Two 40 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$700	4	$700	
Fixtures								
Generic	100%							

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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
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%			2054	* *	1-2	$6,000	

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **01-May-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **1819** **Lot** : **40**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$1,101,100	$146,100
Interior Architecture	$552,500	$417,200
Electrical		$1,073,600
Mechanical		$303,200
Total	**$1,653,700**	**$1,940,200**
Importance Code A	$1,101,100	$146,100
Importance Code B	$469,200	$1,376,900
Importance Code C	$83,400	$417,200
Total	**$1,653,700**	**$1,940,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$78,700			
Interior Architecture	$171,300		$17,400	$7,600
Electrical	$14,600	$5,100	$8,100	$6,300
Mechanical	$38,000	$12,200	$17,900	$11,400
Total	**$302,500**	**$17,200**	**$43,400**	**$25,400**
Importance Code A	$80,700	$2,000	$2,000	$2,000
Importance Code B	$131,400	$15,200	$40,400	$23,400
Importance Code C	$90,400		$1,000	
Total	**$302,500**	**$17,200**	**$43,400**	**$25,400**

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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	$111,900	LIFE	* *	5	$93,500	
Caulking Deteriorated, Extent : Moderate, Area Affected : 0%								
Location : At Junction Of Metal Tunnel And Concrete At Auditorium Exit								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : At Auditorium, Simulation Room In South Facade								
Metal/Glass Curt Wall	45%	Now	$472,700	LIFE	* *	5	$52,600	1
Broken/Missing Elements, Extent : Severe, Area Affected : 75%								
Location : Throughout North Facade								
Corrosion/Rusting, Extent : Severe, Area Affected : 60%								
Location : Throughout North Facade								
Caulking Deteriorated, Extent : Severe, Area Affected : 75%								
Location : Norht Facade At Wall Penetrations And Base Of Building								
Water Penetration, Extent : Severe, Area Affected : 75%								
Location : North Facade Wall								
Metal Panel	25%	Now	$516,600	2046	* *	5	$29,200	
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								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : South Facade At Entry Doors And Connector To Building 11								
Explanation : Corrugated Metal Panel Detached From Main Building								
Windows								
Aluminum	100%			2061	* *	5	$100	
Roof								
Metal Panel	97%	Now	$49,300	2041	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Throughout Roof Surface								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%								
Location : South Side Above Exit Tunnels And Landscaped Berms								
Skylight, Metal/Glass	3%	Now	$29,400	2056	* *			
Glazing Broken/Cracked, Extent : Severe, Area Affected : 50%								
Location : Mezzanine Stair								
Interior								

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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	5%	0-2	$65,900	2038	* *	3	$5,600	
Worn/Erode, Extent : Moderate, Area Affected : 20%								
Location : Auditorium								
Cast in Place Concrete	20%	Now	$126,700	LIFE	* *	5	$32,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Slab Settlements At Entrances To South And The North West Corner								
Ceramic Tile	3%			2039	* *	5	$2,200	
Quarry Tile	5%			2049	* *	5	$5,600	
Vinyl Tile	62%	Now	$127,600	2041	* *	3	$17,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Simulator Room								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Mezzanine, Staff Lounge, Simulator Room								
Wood	5%			2064	* *	5	$7,000	
Interior Walls								
Cast in Place Concrete	5%	Now	$47,000	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Entrances To South And Simulator Room								
Spalling, Extent : Severe, Area Affected : 10%								
Location : Simulator Room								
Ceramic Tile	5%	Now	$22,700	2039	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair To Mezzanine								
Loose/Delam Surface, Extent : Moderate, Area Affected : 10%								
Location : Second Floor All Gender Bathroom								
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : Stair To Mezzanine								
Worn/Erode, Extent : Moderate, Area Affected : 25%								
Location : Locker Rooms And Bathrooms								
Concrete Masonry Unit	43%	2-4	$83,400	LIFE	* *	5	$7,100	
Diagonal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Corridors. First Floor And Stair F								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Base Of Walls. 1st Floor Corridors								
Fabric on Framing	10%			2034	$417,200	5	$2,100	
Glass: Single Pane	2%			LIFE	* *	5	$1,200	
Gypsum Board	20%			LIFE	* *	5-10	$14,000	
Masonry: Brick	5%			LIFE	* *	10	$600	
Metal Panel	5%	2-4	$2,100	LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wood	5%			LIFE	* *	5	$16,500	

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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								
Ceilings								
AcousTileConcealSpLn	10%	Now	$6,000	2041	* *	5	$4,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Men's Locker								
Staining/Discoloring, Extent : Moderate, Area Affected : 30%								
Location : Male Locker Room								
AcousTileSusp.Lay-In	24%			2049	* *	5	$17,900	
Exposed Struc: Steel	60%	Now	$214,800	LIFE	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Above Main Corridor. North Side, Stair F								
Gypsum Board	5%			LIFE	* *	5-10	$12,800	
Plaster	1%			LIFE	* *	5-10	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Chief Office								
Explanation : Stucco Ceiling								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2046	* *			
Retaining Walls								
Cast in Place Concrete	100%			2056	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	30%			2049	* *			
Pavers/Stone	70%			2045	* *			
Parking/Driveway								
Asphalt	100%			2045	* *			

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								
Air Circuit Breaker	30%			2046	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2036	$22,600	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Fused Disc Sw	20%			2036	$9,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : One 1,200 Ampere Main Disconnect Switch Serving Building Number 7								

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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								
Transformers								
Dry Type	100%			2034	$26,700	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : 112.5 Kilovolt Ampere, 220 Volts Primary - 480/277 Volts Secondary								
Switchgear / Switchboard								
Fused Disc Sw	70%			2036	$136,500	5	$100	
Molded Case Bkrs	30%			2046	* *	5	$300	
Raceway								
Conduit	95%			2036	$96,500	1		
Conduit	5%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2035	$6,000	5		
Molded Case Bkrs	85%			2035	$101,800	5	$900	
Molded Case Bkrs	10%			2044	* *	5	$100	
Wiring								
Thermoplastic	90%			2036	$122,100	1		
Thermoplastic	10%			2046	* *	1		
Motor Controllers								
Locally Mounted	10%			2041	* *	5		
Motor Control Center	85%			2034	$98,500	5	$900	
Variable Frequency Drive	5%			2041	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$12,400	
Generators								
Diesel	100%			2039	* *	1	$15,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside The Building								
Explanation : One 810 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$1,500	
Fuel Storage								
Main Tank	100%			2051	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 1,382 Gallons Rated Capacity								
Lighting								

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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
Lighting								
Interior Lighting								
Fluorescent	20%			2031	$138,000	10	$7,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Hallways, Electrical Room								
Explanation : T12 Lamps								
Fluorescent	40%			2036	$276,000	10	$14,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd Floor Office And Conference Room								
Explanation : T8 Lamps								
LED	40%			2041	* *			
Egress Lighting								
Emergency, Service	40%			2031	$10,000	1		
Emergency, Service	20%			2041	* *	1		
Exit, LED	10%			2064	* *	1		
Exit, Service	30%			2031	$5,200	1		
Exterior Lighting								
HID	5%			2031	$9,400	10		
LED	5%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : LED Light Fixtures								
No Component	90%							
Alarm								
Fire/Smoke Detection								
Generic, Analog	100%			2031	$104,300	1-3	$25,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallway, Mechanical And Electrical Room								
Explanation : Alarm Bell, Manual Pull Box, Smoke Detector And Fire Alarm Panel								

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	$12,500	
Conversion Equipment								
Hot Water Boiler	50%			2049	* *	1	$10,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								
Hot Water Boiler	50%			2041	* *	1	$10,000	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Boiler Room								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2044	* *	4	$3,000	

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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								
Terminal Devices								
Air Handler	70%			2044	* *	1	$17,500	
Convector/Radiator	30%			2041	* *	1	$3,900	
Controls								
Electrical	100%			2031	$224,800			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	95%			2041	* *	1	$17,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Courtyard								
Explanation : Using 410a Refrigerant.								
Split Unit	5%	0-2	$9,600	2036	$48,000			
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor Locker Room								
Distribution								
CW & CHW Water Pipe/Pump	100%			2056	* *	4	$3,000	
Terminal Devices								
Air Handler/Cool/Ht	100%			2041	* *	1	$25,000	
Heat Rejection								
Air Cooled Condenser Unit	100%			2041	* *	2	$28,200	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,700	
Exhaust Fans								
Roof	100%			2036	$78,500	2	$1,200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater With Tanks								
Electric	100%			2034	$47,300	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit 85 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2030	$1,200	4	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st 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

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
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2046	* *	1-2	$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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FIRE ACADEMY BLDG. 15**				
Address	: **RANDALLS ISLAND**				
Borough	: **MANHATTAN**			**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0003.130 / 14944**			**Yr Built/Renovated**	:
Area Sq Ft	: **1,620**			**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **02-May-2025**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1**				
Block	: **1819**	**Lot**	: **40**	**BIN**	:

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$100			
Interior Architecture	$5,300		$300	$100
Electrical				
Mechanical	$1,400	$100	$1,000	$100
Site Pavements	$300	$100		
Total	**$7,200**	**$200**	**$1,200**	**$100**
Importance Code A	$100			
Importance Code B	$6,200	$100	$1,200	$100
Importance Code C	$800	$100		
Total	**$7,200**	**$200**	**$1,200**	**$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 BLDG. 15
Asset # : 14944

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	95%			2056	* *	10	$1,000	
Wood	5%	Now	$100	2049	* *	5	$400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Skirt								
Windows								
Aluminum w/ Guards	100%			2052	* *	5	$100	
Roof								
Asphalt Shingle	10%			2045	* *	10	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Entry Canopy								
Explanation : Noted								
Modified Bitumen	90%			2041	* *	10	$5,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Trailer Roof								
Explanation : Not Accessible								
Soffits								
Alum/Vinyl Siding	100%			2056	* *	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Entry Canopy								
Explanation : Noted								
Interior								
Floors								
Ceramic Tile	5%			2045	* *	5	$100	
Vinyl Tile	95%			2041	* *	3	$800	
Interior Walls								
Fiberglass Panel	100%			LIFE	* *	10	$500	
Ceilings								
Gypsum Board	100%			LIFE	* *	5-10	$7,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Ceiling								
Explanation : Fiberglass Panel Ceiling								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2056	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	70%	0-2	$300	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Front Of Building								
Wood	30%			2034	$12,000	1-3	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Entry Steps								
Explanation : Woof Stairs								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 BLDG. 15
Asset # : 14944

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%			2056	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Two 200 Ampere Main Disconnect Switches								
Transformers								
Dry Type	100%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : One 75 Kilovolt Ampere 208 High Voltage - 208/120 Low Voltage								
Raceway								
Conduit	100%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2052	* *	5		
Molded Case Bkrs	95%			2052	* *	5		
Wiring								
Thermoplastic	100%			2056	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2041	* *	10	$1,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$200	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
HID	10%			2041	* *	10		
No Component	90%							

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	100%			2056	* *	1		
Terminal Devices								
Fan Coil Unit/Heat	100%			2041	* *	1	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Electric Heater Used In The Building								
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 BLDG. 15
Asset # : 14944

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%			2052	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	100%			2041	* *	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Wall								
Explanation : Wall Mounted Air Condition Unit At Exterior Of Building								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$2,600	
Heat Rejection								
Dry Cooler	100%			2041	* *	2	$1,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$1,400	
Exhaust Fans								
Interior	100%			2041	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Electric	100%			2034	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1 Unit 50 Gallons								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FIRE ACADEMY BLDG. 16**		
Address	: **RANDALLS ISLAND**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0003.140 / 14945**	**Yr Built/Renovated**	:
Area Sq Ft	: **1,620**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **02-May-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1**		
Block	: **1819** **Lot** : **40**	**BIN**	:

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$100		$400	
Interior Architecture	$5,300		$2,100	
Electrical	$100	$100	$100	$100
Mechanical	$1,400	$100	$1,000	$100
Total	**$6,800**	**$100**	**$3,500**	**$100**
Importance Code A	$100		$400	
Importance Code B	$6,300	$100	$3,100	$100
Importance Code C	$500			
Total	**$6,800**	**$100**	**$3,500**	**$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 BLDG. 16
Asset # : 14945

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	95%			2056	* *	10	$1,000	
Wood	5%			2049	* *	5	$800	
Windows								
Aluminum	100%			2052	* *	5	$100	
Roof								
Asphalt Shingle	5%			2045	* *	10	$100	
Modified Bitumen	95%			2041	* *	10	$6,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Trailer Roof								
Explanation : Roof Not Accessible								
Soffits								
Exposed Struc: Wood	100%			LIFE	* *	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Entry Canopy								
Explanation : Noted								
Interior								
Floors								
Wood	100%			2064	* *	5	$4,100	
Interior Walls								
Fiberglass Panel	100%			LIFE	* *	10	$500	
Ceilings								
Gypsum Board	100%			LIFE	* *	5-10	$7,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Ceiling								
Explanation : Fiberglass Ceiling								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	80%			2049	* *			
Wood	20%			2034		1-3		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Entry Stairs								
Explanation : Entry Stairs								

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%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2052	* *	5		
Molded Case Bkrs	95%			2052	* *	5		
Wiring								
Thermoplastic	100%			2056	* *	1		
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
FIRE ACADEMY BLDG. 16
Asset # : 14945

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								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$200	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : CCTV Surveillance Cameras								

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	100%			2056	* *	1		
Terminal Devices								
Fan Coil Unit/Heat	100%			2041	* *	1	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Electric Heater Used In The Building								
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	100%			2041	* *	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Wall								
Explanation : Wall Mounted Air Condition Unit At Exterior Of Building								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$2,600	
Heat Rejection								
Dry Cooler	100%			2041	* *	2	$1,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$1,400	
Exhaust Fans								
Interior	100%			2041	* *	2	$100	
Plumbing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 BLDG. 16
Asset # : 14945

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%			2056	* *	1		
Water Heater With Tanks								
Electric	100%			2034	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1 Unit 20 Gallons								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FIRE ACADEMY BLDG. 17**		
Address	: **RANDALLS ISLAND**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0003.150 / 14946**	**Yr Built/Renovated**	:
Area Sq Ft	: **2,124**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **01-May-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **1819** **Lot** : **40**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$61,000
Total		**$61,000**
Importance Code B		$61,000
Total		**$61,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$1,800			
Interior Architecture	$6,600			$300
Electrical				
Mechanical	$1,100	$100	$600	$100
Total	**$9,500**	**$100**	**$600**	**$300**
Importance Code A	$1,800			
Importance Code B	$7,200	$100	$600	$300
Importance Code C	$500			
Total	**$9,500**	**$100**	**$600**	**$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 BLDG. 17
Asset # : 14946

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	95%	Now	$1,200	2056	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Rear Of Building								
Wood	5%	Now	$300	2049	* *	5	$400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Building Skirt								
Windows								
Aluminum	100%	Now	$300	2052	* *	5	$100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Window Screens								
Roof								
Asphalt Shingle	10%			2045	* *	10	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Entry Canopy								
Explanation : Noted								
Modified Bitumen	90%			2041	* *	10	$5,700	
Soffits								
Alum/Vinyl Siding	100%			2056	* *	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Entry Canopy								
Explanation : Noted								
Interior								
Floors								
Vinyl Tile	100%	Now	$1,200	2036	$61,000	3	$800	
Worn/Erode, Extent : Severe, Area Affected : 10%								
Location : Open Classroom								
Interior Walls								
Fiberglass Panel	100%			LIFE	* *	10	$500	
Ceilings								
Gypsum Board	100%			LIFE	* *	5-10	$7,600	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	80%			2049	* *			
Wood	20%			2034		1-3		

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%			2056	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Three 100 Ampere Main Disconnect 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
FIRE ACADEMY BLDG. 17
Asset # : 14946

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%			2056	* *	1		
Panelboards								
Fused Disc Sw	5%			2052	* *	5		
Molded Case Bkrs	95%			2052	* *	5	$100	
Wiring								
Thermoplastic	100%			2056	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2041	* *	10	$1,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$300	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							

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	100%			2056	* *	1		
Terminal Devices								
Fan Coil Unit/Heat	100%			2041	* *	1	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Electric Heater Used In The Building								
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	100%			2041	* *	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Of Building								
Explanation : Wall Mounted Air Condition Unit At Exterior Of Building								
Heat Rejection								
Dry Cooler	100%			2041	* *	2	$1,500	
Ventilation								

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

FIRE DEPARTMENT - 057
FIRE ACADEMY BLDG. 17
Asset # : 14946

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	$1,900	
Exhaust Fans								
Interior	100%			2041	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Electric	100%			2034	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1 Unit 40 Gallons								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **13-Jun-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **1819** **Lot** : **40**	**BIN**	: **1085912**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical		$90,700
Total		**$90,700**
Importance Code B		$90,700
Total		**$90,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$54,800		$13,500	
Interior Architecture	$36,200			
Electrical	$5,600			$100
Mechanical			$100	
Total	**$96,700**		**$13,600**	**$100**
Importance Code A	$54,800		$13,500	
Importance Code B	$35,500		$100	$100
Importance Code C	$6,300			
Total	**$96,700**		**$13,600**	**$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		
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	$8,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire Building								
Explanation : 2 Story Building, No Basement. This Is A Fire Demonstration Building. No Repair Needed.								
Masonry: Brick	95%			LIFE	* *	5	$30,800	
Windows								
Metal Louvers	50%			2045	* *	10	$1,500	
Steel	50%			2052	* *	5	$3,000	
Parapets								
Cast in Place Concrete	70%			LIFE	* *	5	$59,300	
Metal Rail	30%			2049	* *	5-10	$22,300	
Roof								
Cast in Place Concrete	30%			LIFE	* *	10	$4,200	
Modified Bitumen	70%			2041	* *	10	$5,900	
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	$39,800	
Interior Walls								
Cast in Place Concrete	20%			LIFE	* *	10	$3,900	
Concrete Masonry Unit	80%			LIFE	* *	5	$4,900	
Ceilings								
Exposed Struc: Concrete	100%			LIFE	* *	5-10	$11,400	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Asphalt	100%			2045	* *			

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	$7,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : One 200 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2036	$16,200	1		
Panelboards								
Fused Disc Sw	5%			2035	$1,500	5		
Molded Case Bkrs	95%			2035	$28,400	5	$200	
Wiring								
Thermoplastic	100%			2036	$21,400	1		

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

FIRE DEPARTMENT - 057
FIRE ACADEMY BURN BUILDING #5
Asset # : 13554

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2031	$81,600	10	$5,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Compact Fluorescent Light								
Fluorescent	10%			2031	$9,100	10	$600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : T8 Lamps								
Exterior Lighting								
HID	10%			2031	$2,800	10		
No Component	90%							

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	20%			2052	* *	1		
No Component	80%							
Ventilation								
Exhaust Fans								
Roof	100%			2041	* *	2	$200	
Plumbing								
H/C Water Piping								
Galvanized Steel	10%			2049	* *	1		
Other Observation, Extent : Light, Area Affected : 10%								
Location : First And Second Floors								
Explanation : Standpipe Only								
No Component	90%							
Fire Suppression								
Standpipe								
No Component	90%							
Generic	10%			2056	* *	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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	:	**30-Apr-2025**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1,2,3,4**			
Block	:	**1819** **Lot** : **40**	**BIN**	:	**1085910**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$131,400	$122,800
Interior Architecture	$53,600	
Electrical		$1,238,900
Mechanical		$779,200
Total	**$185,000**	**$2,140,900**
Importance Code A	$131,400	$252,800
Importance Code B	$53,600	$1,888,100
Total	**$185,000**	**$2,140,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$44,100			
Interior Architecture	$41,600		$14,900	$4,500
Electrical	$38,200	$4,900	$5,000	$6,200
Mechanical	$31,200	$7,200	$13,900	$6,200
Elevators/Escalators	$7,200	$7,200	$7,200	$7,200
Total	**$162,400**	**$19,300**	**$41,000**	**$24,100**
Importance Code A	$46,100	$2,000	$2,000	$2,000
Importance Code B	$95,700	$17,300	$39,000	$22,100
Importance Code C	$20,600			
Total	**$162,400**	**$19,300**	**$41,000**	**$24,100**

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 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 Cavity	50%	0-2	$61,100	LIFE	* *	5	$35,100	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : North Facade								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Metal Panel	10%			2056	* *	5-10	$48,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Connector From Building 9 To 11 And At Mechanical Penthouse								
Explanation : Corrugated Metal Panel								
Metal Panel	25%			2056	* *	5-10	$120,600	
Staining/Discoloring, Extent : Light, Area Affected : 10%								
Location : Front And Rear Of Building								
Window Wall	15%			2056	* *	5	$39,500	
Windows								
Aluminum	95%	Now	$12,100	2052	* *	5	$6,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Second Floor Stair Landing. South Facade								
Metal Louvers	5%			2045	* *	10	$4,200	
Parapets								
Concrete Masonry Unit	72%			LIFE	* *	5-10	$31,000	
Masonry: Brick Cavity	10%	Now	$1,600	LIFE	* *	5	$800	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Adjacent To Rooftop Unit								
Metal Panel	5%	Now	$600	2056	* *	5	$800	
Seams Open/Split, Extent : Moderate, Area Affected : 25%								
Location : Coping Cap								
Metal Rail	5%	2-4	$1,300	2049	* *	5	$2,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Guardrail At Roof								
Pre-cast Concrete	8%			LIFE	* *	5	$7,900	
Roof								
IRMA/Protected Membrane	100%	Now	$70,300	2041	* *			
Broken Paver Blocks, Extent : Moderate, Area Affected : 40%								
Location : Rooftop Walkways								
Debris Present, Extent : Moderate, Area Affected : 15%								
Location : Rooftop								
Insul Miss/Displaced, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Paver Block Ballast, Extent : Light, Area Affected : 35%								
Location : Rooftop Walkways								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Lower Roof On North West Corner Of Building. Above New Cafeteria								
Soffits								
Aluminum Sunshades	100%			2045	* *	10		

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

FIRE DEPARTMENT - 057
FIRE ACADEMY 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
Interior								
Floors								
Carpet	5%			2035	$52,600	3	$4,500	
Cast in Place Concrete	10%			LIFE	* *	5	$26,000	
Ceramic Tile	15%			2045	* *	5	$8,900	
Sheet Vinyl/Rubber	10%			2041	* *	5	$8,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Third Floor								
Explanation : Gymnasium Floor								
Vinyl Tile	60%			2041	* *	3	$13,400	
Interior Walls								
Concrete Masonry Unit	45%			LIFE	* *	5	$11,700	
Gypsum Board	35%			LIFE	* *	5-10	$19,300	
Masonry: Brick	13%			LIFE	* *	10	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Component Is Actually A Veneer								
Metal Panel	7%			LIFE	* *	10	$1,000	
Ceilings								
AcousTileSusp.Lay-In	30%			2049	* *	5	$17,900	
Exposed Struc: Steel	45%			LIFE	* *	10	$53,600	
Gypsum Board	10%	Now	$2,100	LIFE	* *	5	$7,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Fourth Floor Classrooms								
Metal Panel	15%	Now	$5,900	LIFE	* *	5	$11,200	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Drop Soffit At North West Corner Of New Cafeteria								
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%			2056	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Asphalt	100%			2045	* *			

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%			2036	$130,000	5	$1,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1,200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$130,000	5	$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 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								
Raceway								
Conduit	100%			2036	$61,200	1		
Panelboards								
Fused Disc Sw	5%			2035	$5,000	5		
Molded Case Bkrs	95%			2035	$94,800	5	$1,000	
Wiring								
Thermoplastic	100%			2036	$77,200	1		
Motor Controllers								
Locally Mounted	10%			2034	$7,200	5		
Variable Frequency Drive	90%			2034	$64,500			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2034	$26,800	1	$12,200	
Lighting								
Interior Lighting								
Fluorescent	85%			2031	$503,900	10	$31,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	15%			2041	* *			
Egress Lighting								
Emergency, Service	50%			2031	$12,200	1		
Emergency, Battery	10%			2031	$6,700	10	$1,000	
Exit, LED	40%			2039	* *	1		
Exterior Lighting								
HID	5%			2031	$9,300	10		
LED	5%			2041	* *			
No Component	90%							
Alarm								
Security System								
Generic	50%			2031	$37,300	1	$7,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : CCTV Surveillance Cameras								
Generic	50%			2031	$37,300	1	$7,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								
Fire/Smoke Detection								
Generic, Digital	100%			2031	$102,600	1-3	$25,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Horns, Manual Pull Stations, Smoke Detectors And Alarm Bells								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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								
Energy Source								
Fuel Oil No 2	100%			2056	* *	5	$12,300	
Conversion Equipment								
Hot Water Boiler	100%			2049	* *	1	$19,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two Units Which Are Serving Adjacent Building No.12 As Well.								
Distribution								
Hot Wtr Piping/Pump	100%			2052	* *	4	$2,900	
Terminal Devices								
Air Handler	70%			2041	* *	1	$17,200	
Convector/Radiator	20%			2049	* *	1	$2,600	
Fan Coil Unit/Heat	10%			2041	* *	1	$1,300	
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	80%			2036	$348,800	2	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : R-22								
Window/Wall Unit	5%			2034	$7,500	1		
No Component	15%							
Heat Rejection								
Air Cooled Condenser Unit	100%			2041	* *	2	$27,700	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$35,100	
Exhaust Fans								
Roof	100%	0-2	$7,700	2031	$77,200	2	$1,000	
Broken, Extent : Moderate, Area Affected : 20%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Oil Fired	100%			2034	$353,200	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Two 83 Gallon Tanks								
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

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
Plumbing									
Backflow Preventer									
Generic	100%			2041	* *		1	$2,400	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Water Meter Room									
Explanation : Two Units. One For Sprinkler And One For Water Main.									
Fixtures									
Generic	100%								
Vertical Transport									
Elevators									
Geared Traction	100%			LIFE	* *				
Other Observation, Extent : Light, Area Affected : 100%									
Location : 1st To 4th Floor									
Explanation : One Unit									
Fire Suppression									
Sprinkler									
Generic	100%			2056	* *		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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FIRE ACADEMY FIRE SIMULATOR BLDG #2**		
Address	: **RANDALLS ISLAND**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0003.010 / 1857**	**Yr Built/Renovated**	: **1975 /**
Area Sq Ft	: **6,000**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **02-May-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **1819** **Lot** : **40**	**BIN**	:

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$70,100			
Interior Architecture	$29,900			
Electrical				$100
Mechanical	$2,000		$500	
Total	**$102,000**		**$500**	**$100**
Importance Code A	$70,100			
Importance Code B	$29,300		$500	$100
Importance Code C	$2,600			
Total	**$102,000**		**$500**	**$100**

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

FIRE DEPARTMENT - 057
FIRE ACADEMY FIRE SIMULATOR BLDG #2
Asset # : 1857

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	100%			LIFE	* *	5	$30,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : On Site								
Explanation : Training Building								
Windows								
Aluminum	5%			2052	* *	5		
No Component	95%							
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$18,200	
Wood Cornice	10%			2046	* *	5-10	$3,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parapet Coping								
Explanation : Wood Coping Installed								
Roof								
Cast in Place Concrete	100%			LIFE	* *	10	$26,900	
Soffits								
Exposed Struc: Steel	100%			LIFE	* *	5	$25,000	
Interior								
Floors								
Cast in Place Concrete	95%			LIFE	* *	5	$35,800	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Various Rooms								
Explanation : Fire Brick Installed In Burn Locations								
Steel Grating	5%			2056	* *	1		
Interior Walls								
Concrete Masonry Unit	100%			LIFE	* *	5	$5,100	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Various Rooms								
Explanation : Fire Resistant Tiles Installed In Burn Locations								
Ceilings								
Exposed Struc: Concrete	100%			LIFE	* *	5-10	$10,800	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Various Rooms								
Explanation : Fire Resistant Tiles Installed At Burn Locations								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	50%			2049	* *			
Steel Grating	50%			2056	* *	1		

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

FIRE ACADEMY FIRE SIMULATOR BLDG #2

Asset # : 1857

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	$3,800	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : One 200 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2036	$4,400	1		
Panelboards								
Molded Case Bkrs	100%			2035	$10,000	5	$200	
Wiring								
Thermoplastic	100%			2036	$9,000	1		
Lighting								
Exterior Lighting								
HID	10%			2031	$2,800	10		
No Component	90%							

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	$5,300	
Exhaust Fans								
Roof	100%			2036	$11,600	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	:	**FIRE ACADEMY FIRE SIMULATOR BLDG #4**			
Address	:	**RANDALLS ISLAND**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**N/A**
Program / Asset #	:	**FIR0003.030 / 1832**	**Yr Built/Renovated**	:	**1975 /**
Area Sq Ft	:	**4,320**	**Project Type**	:	**FIRE DEPARTMENT**
Date of Survey	:	**02-May-2025**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1,2,3**			
Block	:	**1819** **Lot** : **40**	**BIN**	:	

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$81,300			
Interior Architecture	$74,300			
Electrical				$100
Total	**$155,500**			**$100**
Importance Code A	$81,300			
Importance Code B	$63,300			$100
Importance Code C	$11,000			
Total	**$155,500**			**$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 FIRE SIMULATOR BLDG #4
Asset # : 1832

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	100%			LIFE	* *	5	$77,900	
Windows								
Aluminum	5%			2052	* *	5	$100	
No Component	95%							
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$20,700	
Wood Cornice	10%			2046	* *	5-10	$4,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parapet Coping								
Explanation : Wood Coping Installed Throughout								
Roof								
Cast in Place Concrete	100%			LIFE	* *	10	$24,600	
Interior								
Floors								
Cast in Place Concrete	95%			LIFE	* *	5	$83,000	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Various Rooms								
Explanation : Fire Brick Installed In Burn Locations								
Steel Grating	5%			2056	* *	1		
Interior Walls								
Concrete Masonry Unit	100%			LIFE	* *	5	$22,000	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Various Rooms								
Explanation : Fire Resistant Tiles Installed In Burn Locations								
Ceilings								
Exposed Struc: Concrete	100%			LIFE	* *	5-10	$24,900	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Various Rooms								
Explanation : Fire Resistant Tiles Installed In Burn Locations								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	75%			2049	* *			
Sinking/Subsiding, Extent : Light, Area Affected : 10%								
Location : Between Buildings 4 And 5								
Steel Grating	25%			2056	* *	1		

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	$3,800	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor								
Explanation : One 200 Ampere Main Disconnect Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 SIMULATOR BLDG #4

Asset # : 1832

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%			2036	$4,400	1		
Panelboards								
Molded Case Bkrs	100%			2035	$10,000	5	$100	
Wiring								
Thermoplastic	100%			2036	$9,000	1		
Lighting								
Exterior Lighting								
HID	10%			2031	$2,000	10		
No Component	90%							

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%			2056	* *	1		
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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **02-May-2025**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**				
Block	: **1819**	**Lot**	: **40**	**BIN**	:

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$27,600			
Interior Architecture	$26,600			
Electrical				$100
Mechanical				
Site Pavements	$4,100			
Total	**$58,200**			**$100**
Importance Code A	$27,600			
Importance Code B	$21,900			$100
Importance Code C	$8,700			
Total	**$58,200**			**$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 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%			LIFE	* *	5	$28,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Training Apparatus For The Fire Department								
Metal Coiling Doors	10%			2041	* *	5	$5,000	
Windows								
Aluminum	5%			2044	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Training Apparatus For The Fire Department								
No Component	95%							
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$3,100	
Wood Cornice	10%			2046	* *	5-10	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parapet Coping								
Explanation : Wood Coping Installed								
Roof								
Cast in Place Concrete	100%			LIFE	* *	10	$10,600	
Interior								
Floors								
Cast in Place Concrete	95%			LIFE	* *	5	$25,300	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Various Rooms								
Explanation : Fire Brick Installed At Burn Locations								
Steel Grating	5%			2056	* *	1		
Interior Walls								
Concrete Masonry Unit	100%			LIFE	* *	5	$9,300	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Various Rooms								
Explanation : Fire Resistant Tiles Installed At Burn Locations								
Ceilings								
Exposed Struc: Concrete	100%			LIFE	* *	5-10	$10,600	
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Various Rooms								
Explanation : Fire Resistant Tiles Installed At Burn Locations								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$4,100	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Between Building 3 And 4								

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

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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

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	$3,800	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : One 200 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2036	$4,400	1		
Panelboards								
Molded Case Bkrs	100%			2035	$10,000	5	$100	
Wiring								
Thermoplastic	100%			2036	$9,000	1		
Lighting								
Exterior Lighting								
HID	10%			2031	$1,900	10		
No Component	90%							

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								
Galvanized Steel	10%			2041	* *	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%			2046	* *	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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	:	**01-May-2025**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Floors 1,2**			
Block	:	**1819** **Lot** : **40**	**BIN**	:	

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$151,900	
Electrical		$157,500
Mechanical		$53,300
Total	**$151,900**	**$210,800**
Importance Code A	$151,900	
Importance Code B		$210,800
Total	**$151,900**	**$210,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$10,000	$5,300	$100	
Interior Architecture	$38,800			$1,400
Electrical	$6,900	$300	$300	$400
Mechanical	$5,000	$1,200	$1,600	$900
Site Pavements	$400			
Total	**$61,000**	**$6,700**	**$2,000**	**$2,700**
Importance Code A	$10,400	$5,700	$600	$500
Importance Code B	$46,100	$1,000	$1,400	$2,000
Importance Code C	$4,500			$200
Total	**$61,000**	**$6,700**	**$2,000**	**$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

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 Cavity	83%	0-2	$151,900	LIFE	* *	5	$17,400	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : East, South Façade At Windows, Base Of Building, Chimney Flue, Various Locations And West Façade At Entry Door								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : At Wall Pentrations								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Door Thresholds At South Facade								
Weathering Steel	7%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Facade								
Explanation : This Is An Exterior Egress Stair								
Wood Overhead Doors	10%			2053	* *	5	$10,500	
Windows								
Aluminum	70%	Now	$5,300	2044	* *	5	$200	
Air Infiltration, Extent : Severe, Area Affected : 50%								
Location : All Windows								
Bent/Warped Elements, Extent : Severe, Area Affected : 20%								
Location : Second Floor Window Sills								
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Second Floor Windows								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Room 206 And 212, Kitchen, Battalion Cheif Office								
Aluminum	30%			2044	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor								
Explanation : Protective Metal Grilles								
Parapets								
Masonry: Brick Cavity	90%	0-2	$3,800	LIFE	* *	5	$1,900	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Various Locations. Exterior Parapet Wall								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Inaccessible								
Pre-cast Concrete	10%	Now	$900	LIFE	* *	5	$1,300	
Caulking Deteriorated, Extent : Severe, Area Affected : 15%								
Location : Lower Roof Copings								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Roof Inaccessible								
Roof								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Roof Hatch								
Explanation : Ladder To Roof Hatch Unsafe Position								
Interior								

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

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								
Floors								
Cast in Place Concrete	30%	0-2	$6,200	LIFE	* *	5	$8,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Thresholds Below Overhead Doors And Apparatus Floor								
Ceramic Tile	5%			2045	* *	5	$600	
Quarry Tile	5%			2041	* *	5	$900	
Vinyl Tile	60%	Now	$10,000	2041	* *	3	$2,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Locker Room								
Uneven Substrate, Extent : Severe, Area Affected : 15%								
Location : First Floor, Locker Rooms And Offices								
Interior Walls								
Ceramic Tile	5%			2045	* *	5	$400	
Concrete Masonry Unit	60%			LIFE	* *	5	$3,900	
Gypsum Board	15%			LIFE	* *	5-10	$2,100	
SGFT/Glazed Masonry	20%			LIFE	* *	10	$800	
Ceilings								
AcousTileSusp.Lay-In	60%	Now	$6,000	2049	* *	5	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Room 1								
Exposed Struc: Steel	25%			LIFE	* *	10	$6,100	
Gypsum Board	15%	Now	$6,400	LIFE	* *	5	$2,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Mechanical Room								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2056	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	90%	Now	$400	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Apron At Overhead Doors, Ramp								
Steel Grating	10%			2056	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Of Building								
Explanation : Second Floor Exterior Stair								
Parking/Driveway								
Asphalt	100%			2045	* *			

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

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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								
Service Equipment								
Fused Disc Sw	100%			2036	$7,500	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Ampere Main Disconnect Switches								
Raceway								
Conduit	100%			2036	$16,200	1		
Panelboards								
Fused Disc Sw	10%			2035	$3,000	5		
Molded Case Bkrs	90%			2035	$26,900	5	$200	
Wiring								
Thermoplastic	100%			2036	$21,400	1		
Motor Controllers								
Locally Mounted	100%			2034	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2034	$26,800	1	$3,000	
Lighting								
Interior Lighting								
Fluorescent	60%			2031	$85,800	10	$5,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Second Floor And Staircases								
Explanation : T8 Lamps								
LED	40%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2031	$8,100	10	$1,200	
Exit, Service	50%			2031	$2,100	1		
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							

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	$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 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
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2041	* *	1	$4,700	
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%			2044	* *	4	$700	
Terminal Devices								
Air Handler	20%			2036	$36,100	1	$1,200	
Convector/Radiator	70%			2041	* *	1	$2,200	
Unit Heater - Steam	10%			2036	$5,500	4	$100	
Controls								
Electrical	100%			2031	$53,300			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Window/Wall Unit	80%			2031	$29,100	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$8,500	
Exhaust Fans								
Roof	20%			2036	$3,700	2	$100	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%	Now	$1,000	2036	$5,000	4	$400	
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%			2046	* *	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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FIRE ACADEMY LIBRARY - BLDG. #13**				
Address	: **2 MCGINTY CIR RANDALLS ISLAND**				
Borough	: **MANHATTAN**			**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0003.120 / 14099**			**Yr Built/Renovated**	: **1975 /**
Area Sq Ft	: **3,000**			**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **02-May-2025**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1**				
Block	: **1819**	**Lot**	: **40**	**BIN**	:

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$39,800			
Interior Architecture	$8,500		$300	$600
Electrical	$100	$100	$200	$100
Mechanical	$1,000	$100	$500	$100
Site Pavements	$2,000			
Total	**$51,400**	**$200**	**$1,000**	**$800**
Importance Code A	$39,800			
Importance Code B	$5,400	$200	$1,000	$400
Importance Code C	$6,200			$400
Total	**$51,400**	**$200**	**$1,000**	**$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 LIBRARY - BLDG. #13
Asset # : 14099

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	98%	Now	$37,400	LIFE	* *	5	$4,400	
Expansion Joint Failure, Extent : Light, Area Affected : 25%								
Location : Throughout Masonry Openings								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Facades								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Various Locations In All Facades, Base Of Building								
Glass Block	2%			LIFE	* *	5	$200	
Windows								
Aluminum	100%			2052	* *	5	$800	
Parapets								
Metal Panel	20%			2056	* *	5	$100	
Not Accessible	80%							
Roof								
Skylight, Metal/Glass	7%			2056	* *	10	$1,700	
Sloped Glazing	3%	Now	$1,900	LIFE	* *	5	$3,000	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Entrance Foyer								
Not Accessible	90%							
Interior								
Floors								
Carpet	5%	2-4	$200	2032	$3,500	3	$300	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Archive								
Ceramic Tile	5%			2045	* *	5	$200	
Slate	20%			LIFE	* *	5	$1,700	
Vinyl Tile	70%			2041	* *	3	$1,000	
Interior Walls								
Ceramic Tile	5%			2045	* *	5	$800	
Gypsum Board	95%	Now	$4,200	LIFE	* *	5	$9,000	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Foyer And Archives								
Ceilings								
AcousTileSusp.Lay-In	100%	Now	$3,300	2049	* *	5	$2,000	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Toilets, Library Area, Mechanical Room								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Archives And Foyer								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$2,000	2049	* *			
Cracking/Crumbling, 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.
Maintenance $ are aggregated over a ten-year period. 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 LIBRARY - BLDG. #13
Asset # : 14099

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%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2044	* *	5		
Molded Case Bkrs	95%			2044	* *	5	$100	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5		
Lighting								
Interior Lighting								
Fluorescent	90%			2036	$46,100	10	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T8 Lamps								
LED	10%			2036	$4,400			
Egress Lighting								
Emergency, Battery	50%			2036	$2,500	10	$400	
Exit, Service	50%			2036	$600	1		
Exterior Lighting								
Fluorescent	10%			2036	$1,200	10		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Exterior Wall Perimeter								
Explanation : Compact Fluorescent Light								
No Component	90%							
Alarm								
Security System								
Generic	100%			2036	$5,600	1	$1,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Meeting Room, Hallway And Exit Doors								
Explanation : Intrusion Alarm And Motion Sensor								

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	100%			2056	* *	1		
Terminal Devices								
Fan Coil Unit/Heat	100%			2041	* *	1	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Baseboard Electric Heater Used In Building								
Controls								
Electrical	100%			2034	$16,700			
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 LIBRARY - BLDG. #13
Asset # : 14099

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%			2052	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	100%			2037	* *	2	$200	
Terminal Devices								
Air Handler/Dir Expansion	60%			2041	* *	1		
No Component	40%							
Heat Rejection								
Air Cooled Condenser Unit	60%			2041	* *	2	$1,300	
No Component	40%							
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$1,600	
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Electric	100%			2034	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1 Unit 20 Gallons								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FIRE ACADEMY MAINTENANCE AND STORAGE BLDG. 10**		
Address	: **RANDALLS ISLAND**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0003.090 / 1833**	**Yr Built/Renovated**	: **1983 /**
Area Sq Ft	: **4,800**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **01-May-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **1819** **Lot** : **40**	**BIN**	:

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$17,900		$2,200	$800
Interior Architecture	$33,400			
Electrical	$4,500			$100
Mechanical	$2,500	$400	$1,300	$200
Site Pavements	$2,100			
Total	**$60,400**	**$400**	**$3,500**	**$1,100**
Importance Code A	$18,100	$200	$2,400	$1,000
Importance Code B	$39,300	$100	$1,100	$100
Importance Code C	$3,000			
Total	**$60,400**	**$400**	**$3,500**	**$1,100**

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 MAINTENANCE AND STORAGE BLDG. 10

Asset # : 1833

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, Corrugated	90%			2056	* *	1		
Metal Sect. OHD	10%			2049	* *	5	$4,400	
Windows								
Metal Clad Wood	2%			2052	* *	5		
No Component	98%							
Roof								
Built-Up (BUR)	80%	Now	$17,300	2041	* *			
Deflection Evident, Extent : Moderate, Area Affected : 10%								
Location : Rear Corner Of Building								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rear Corner Of Building								
Metal, Corrugated	15%			2049	* *	1		
Roll Roofing	5%			2035	$6,000	5	$1,500	
Soffits								
Exposed Struc: Wood	100%			LIFE	* *	10	$500	
Interior								
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	$21,500	
Ceramic Tile	2%	Now	$900	2039	* *	5	$100	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : Toilet Room								
Steel Grating	35%			2056	* *	1		
Vinyl Tile	3%			2041	* *	3	$100	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$600	
Gypsum Board	5%	Now	$500	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Interior Wall At Perimeter								
No Component	90%							
Ceilings								
Gypsum Board	100%			LIFE	* *	5-10	$32,800	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$2,100	2049	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Rear Of Building								
Parking/Driveway								
Asphalt	100%			2045	* *			

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

FIRE ACADEMY MAINTENANCE AND STORAGE BLDG. 10

Asset # : 1833

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	$3,800	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor								
Explanation : One 200 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2036	$4,400	1		
Panelboards								
Fused Disc Sw	5%			2035	$500	5		
Molded Case Bkrs	95%			2035	$9,500	5	$100	
Wiring								
Thermoplastic	100%			2036	$9,000	1		
Motor Controllers								
Locally Mounted	100%			2034	$11,500	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Manual	100%			2036	$10,900	5		
Lighting								
Interior Lighting								
Fluorescent	30%			2031	$10,200	10	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Second Floor								
Explanation : T8 Lamps								
Fluorescent	70%			2031	$23,800	10	$3,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First And Second Floor								
Explanation : T12								
Exterior Lighting								
HID	10%			2031	$2,200	10		
No Component	90%							

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%			2056	* *	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 500 Gallon Oil								
Conversion Equipment								
Furnace	100%			2036	$14,900	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.*

FIRE DEPARTMENT - 057

FIRE ACADEMY MAINTENANCE AND STORAGE BLDG. 10

Asset # : 1833

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								
Hot Wtr Piping/Pump	100%			2052	* *	4	$400	
Controls								
Electrical	100%			2031	$26,700			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Split Unit	80%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 2 Units								
Window/Wall Unit	20%			2034	$3,600	1		
Heat Rejection								
Air Cooled Condenser Unit	100%			2041	* *	2	$3,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$4,200	
Exhaust Fans								
Roof	100%			2041	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Electric	100%			2034	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1 Unit 50 Gallons								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **01-May-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **1819** **Lot** : **40**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$118,800
Electrical		$242,800
Mechanical		$372,000
Total		**$733,600**
Importance Code A		$111,900
Importance Code B		$621,700
Total		**$733,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$17,000			
Interior Architecture	$51,700		$400	$1,100
Electrical	$4,400	$300	$400	$400
Mechanical	$4,500	$1,400	$1,900	$1,100
Total	**$77,500**	**$1,700**	**$2,600**	**$2,600**
Importance Code A	$17,500	$500	$500	$500
Importance Code B	$39,700	$1,200	$2,100	$1,800
Importance Code C	$20,300			$300
Total	**$77,500**	**$1,700**	**$2,600**	**$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

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 Cavity	74%	0-2	$13,200	LIFE	* *	5	$7,600	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Second Story And Rear Walls								
Caulking Deteriorated, Extent : Moderate, Area Affected : 25%								
Location : At Expansion Joints And Window Openings								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout Side And Rear Elevations								
Metal, Corrugated	8%			2056	* *	1		
Metal Sect. OHD	15%	2-4	$1,100	2049	* *	5	$2,400	
Deformed/Dented, Extent : Light, Area Affected : 5%								
Location : Overhead Door								
Window Wall	3%			2056	* *	5	$1,200	
Windows								
Aluminum	95%	Now	$200	2052	* *	5		1
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Second Story And Rear Windows At Sills								
Misaligned/Bulging, Extent : Severe, Area Affected : 25%								
Location : Second Story								
Metal Louvers	5%			2045	* *	10		
Parapets								
Masonry: Brick Cavity	85%	Now	$800	LIFE	* *	5	$400	1
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 20%								
Location : Rear Of Building 1 Story Structure								
Metal Panel	10%			2056	* *	5	$200	
Pre-cast Concrete	5%			LIFE	* *	5	$300	
Roof								
Asphalt Shingle	5%			2045	* *	10	$100	
Built-Up (BUR)	25%			2036	$28,600	10	$2,400	
Other Observation, Extent : N/A, Area Affected : 5%								
Location : Rear Yard								
Explanation : Wood Deck								
Modified Bitumen	70%	0-2	$1,500	2041	* *			
Blisters, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Patching Evident, Extent : Moderate, Area Affected : 25%								
Location : Main Roof								
Soffits								
Metal Panel	100%			2056	* *	5-10	$1,000	
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

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								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	$23,500	
Ceramic Tile	5%			2045	* *	5	$500	
Quarry Tile	5%			2049	* *	5	$800	
Vinyl Tile	40%	Now	$5,900	2036	$118,800	3	$1,600	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Office Corridor								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Various Work Rooms Throughout, Second Story Stairs								
Interior Walls								
Ceramic Tile	3%			2045	* *	5	$600	
Concrete Masonry Unit	42%			LIFE	* *	5	$6,500	
Gypsum Board	15%			LIFE	* *	5-10	$4,900	
SGFT/Glazed Masonry	40%	Now	$13,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Room								
Ceilings								
AcousTileSusp.Lay-In	40%	Now	$1,300	2049	* *	5	$2,000	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Steel	50%			LIFE	* *	10	$10,100	
Paint Peeling, Extent : Moderate, Area Affected : 25%								
Location : Throughout Ceiling Of Original Building								
Gypsum Board	10%			LIFE	* *	5-10	$3,500	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Asphalt	100%			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%			2036	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$108,400	5	$300	
Raceway								
Conduit	90%			2036	$23,200	1		
Conduit	10%			2056	* *	1		

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

FIRE DEPARTMENT - 057

FIRE ACADEMY 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
Under 600 Volts								
Panelboards								
Fused Disc Sw	6%			2035	$2,400	5		
Fused Disc Sw	4%			2052	* *	5		
Molded Case Bkrs	65%			2035	$25,900	5	$200	
Molded Case Bkrs	25%			2052	* *	5	$100	
Wiring								
Thermoplastic	75%			2036	$21,500	1		
Thermoplastic	25%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2034	$71,700	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2034	$26,800	1	$3,200	
Lighting								
Interior Lighting								
Fluorescent	4%			2031	$6,300	10	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Compact Fluorescent Light								
Fluorescent	36%			2031	$56,500	10	$3,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T8 Lamps								
LED	50%			2044	* *			
LED	10%			2041	* *			
Egress Lighting								
Emergency, Battery	50%			2041	* *	10	$1,300	
Exit, Service	50%			2041	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2046	* *	5	$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

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
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2034	$111,900	1	$5,200	
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%			2044	* *	4	$800	
Terminal Devices								
Convector/Radiator	30%			2034	$25,800	1	$1,000	
Fan Coil Unit/Heat	50%			2031	$130,600	1	$1,700	
Fan Coil Unit/Heat	20%			2041	* *	1	$700	
Controls								
Electrical	100%			2031	$58,600			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2041	* *	2	$100	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Roof								
Explanation : Using 410a Refrigerant								
Split Unit	10%			2036	$25,000			
Window/Wall Unit	40%			2031	$16,000	1		
No Component	30%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2036	$22,500	1	$300	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$7,400	
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,900	
Recent Installation, Extent : Light, Area Affected : 20%								
Location : Throughout								
Exhaust Fans								
Roof	100%			2036	$20,400	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater With Tanks								
Electric	100%			2034	$70,900	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1 Unit 119 Gallons								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2031	$4,700	1	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : Backflow Preventor Only With Sprinkler System.								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	75%							
Generic	25%			2046	* *	1-2	$700	

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

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FIRE ACADEMY PROBIE PAVILION**		
Address	: **RANDALLS ISLAND**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0003.160 / 15360**	**Yr Built/Renovated**	:
Area Sq Ft	: **1,200**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **30-Apr-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **Lot** :	**BIN**	:

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$1,400	$18,400	$1,200	
Interior Architecture	$40,900			
Electrical				
Mechanical				
Total	**$42,300**	**$18,400**	**$1,200**	
Importance Code A	$1,400	$18,400	$1,200	
Importance Code B	$40,900			
Total	**$42,300**	**$18,400**	**$1,200**	

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

FIRE DEPARTMENT - 057
FIRE ACADEMY PROBIE PAVILION
Asset # : 15360

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: Fieldstone	75%			LIFE	* *	5	$2,900	
Wood	25%			2053	* *	5	$3,200	
Recent Construction, Extent : N/A, Area Affected : 100%								
Location : Exterior Walls For Electrical Storage Room								
Roof								
Asphalt Shingle	100%			2049	* *	10	$1,200	
Soffits								
Alum/Vinyl Siding	10%			2062	* *	10	$200	
Wood	90%			2053	* *	5	$33,600	
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	$16,300	
Ceilings								
Wood	100%			LIFE	* *	5	$65,400	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2056	* *			

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%			2056	* *	1		
Panelboards								
Molded Case Bkrs	100%			2052	* *	5		
Wiring								
Thermoplastic	100%			2056	* *	1		
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY PROBIE PAVILION
Asset # : 15360

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%			2046	* *	2		
Other Observation, Extent : N/A, Area Affected : 20%								
Location : Attic								
Explanation : Small Ehaust Fan Located At The Attic								
No Component	80%							

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

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **30-Apr-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **1819** **Lot** : **40**	**BIN**	:

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$40,100		$1,300	$4,600
Interior Architecture	$34,100		$500	
Electrical	$5,200			$100
Mechanical	$14,600	$600	$1,100	$500
Total	**$94,000**	**$600**	**$2,900**	**$5,200**
Importance Code A	$40,400	$300	$1,600	$4,900
Importance Code B	$51,100	$300	$1,300	$300
Importance Code C	$2,500			
Total	**$94,000**	**$600**	**$2,900**	**$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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$9,100	LIFE	* *	5	$7,600	
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Train Enclosure								
Concrete Masonry Unit	60%			LIFE	* *	5	$11,400	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Coiling Doors	5%			2049	* *	5	$2,400	
No Component	25%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Train Enclosure								
Explanation : Canvas Structure								
Windows								
Metal Louvers	100%			2045	* *	10	$2,500	
Parapets								
Concrete Masonry Unit	85%			LIFE	* *	5-10	$13,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Inside Of Parapet Wall								
Explanation : Covered With Modified Bitumen Roofing								
Metal Panel	5%			2056	* *	5	$600	
Pre-cast Concrete	10%			LIFE	* *	5	$3,700	
Roof								
Asphalt Shingle	5%			2049	* *	10	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Airplane Fuselage Gangway Roof								
Explanation : Noted								
Built-Up (BUR)	50%			2041	* *	10	$8,100	
Built-Up (BUR)	10%			2041	* *	10	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Pavers								
Tensile Fabric	35%			2045	* *	5	$9,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Train Enclosure Roof								
Explanation : Noted								
Soffits								
Exposed Struc: Steel	100%			LIFE	* *	5	$25,000	
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	* *	5	$33,900	
Vinyl Tile	10%			2041	* *	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

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
Interior								
Interior Walls								
Concrete Masonry Unit	95%			LIFE	* *	5	$4,900	
Fiberglass Panel	5%			LIFE	* *	10	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Airplane Fuselage Gangway Walls								
Explanation : Noted								
Ceilings								
AcousTileSusp.Lay-In	10%			2049	* *	5	$900	
Exposed Struc: Steel	85%			LIFE	* *	10	$14,600	
Fiber Board	5%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Airplane Fuselage Gangway Ceiling								
Explanation : Noted Fiberglass Panel								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2049	* *			
Parking/Driveway								
Asphalt	100%			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								
Raceway								
Conduit	100%			2036	$4,400	1		
Panelboards								
Molded Case Bkrs	100%			2035	$10,000	5	$200	
Wiring								
Thermoplastic	100%			2036	$9,000	1		
Motor Controllers								
Locally Mounted	100%			2034	$11,500	5		
Lighting								
Interior Lighting								
Fluorescent	85%			2031	$34,600	10	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	10%			2031	$4,100	10	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Classrooms And Offices								
Explanation : T-5 Lamps								
LED	5%			2041	* *			
Egress Lighting								
Emergency, Service	40%			2031	$1,400	1		
Emergency, Battery	10%			2031	$1,000	10	$100	
Exit, LED	50%			2051	* *	1		

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

FIRE DEPARTMENT - 057

FIRE ACADEMY 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
Lighting								
Exterior Lighting								
LED	20%			2036	$6,200			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2056	* *	5	$1,800	
No. 2 Fuel Oil, Extent : Light, Area Affected : 100%								
Location : Oil Tank Above Ground In front Of Building								
Conversion Equipment								
Hot Water Boiler	100%			2049	* *	1	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2052	* *	4	$400	
Terminal Devices								
Air Handler	40%			2041	* *	1	$1,400	
Convector/Radiator	20%			2049	* *	1	$400	
Unit Heater - Steam	40%			2041	* *	4	$200	
Controls								
Electrical	100%			2034	$32,000			
Air Conditioning								
Energy Source								
Electricity	100%			2058	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	10%			2041	* *	2		
R-22 Refrigerant, Extent : Light, Area Affected : 10%								
Location : Roof								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	2-4	$12,600	LIFE	* *	2-5	$3,200	
Needs Cleaning, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Exhaust Fans								
Roof	100%			2041	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		

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

FIRE DEPARTMENT - 057

FIRE ACADEMY 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
Plumbing								
Water Heater With Tanks								
Electric	100%			2034	$23,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1 Unit 10 Gallons								
Sanitary Piping								
Cast Iron	100%	Now	$1,400	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 100%								
Location : Boiler Room								
Backflow Preventer								
No Component	90%							
Generic	10%			2041	* *	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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12**
Address : **RANDALLS ISLAND**
Borough : **MANHATTAN**
Program / Asset # : **FIR0003.012 / 13553**
Area Sq Ft : **40,857**
Date of Survey : **30-Apr-2025**
Areas Surveyed : **Roof, Floors 1**
Block : **1819** **Lot** : **40**

Agency's Number : **N/A**
Yr Built/Renovated : **2003 /**
Project Type : **FIRE DEPARTMENT**
Landmark Status : **NONE**
BIN : **1085911**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$64,800
Interior Architecture	$240,600	$124,400
Electrical		$1,040,500
Total	**$240,600**	**$1,229,800**
Importance Code A		$64,800
Importance Code B	$240,600	$1,164,900
Total	**$240,600**	**$1,229,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$167,000		$19,700	
Interior Architecture	$35,400			
Electrical	$39,700	$2,300	$2,400	$3,600
Mechanical	$200	$400	$300	$200
Total	**$242,300**	**$2,700**	**$22,400**	**$3,800**
Importance Code A	$167,000		$19,700	
Importance Code B	$48,600	$2,700	$2,800	$3,800
Importance Code C	$26,800			
Total	**$242,300**	**$2,700**	**$22,400**	**$3,800**

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

FIRE DEPARTMENT - 057

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 Cavity	30%			LIFE	* *	5	$46,100	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Metal Panel	45%	0-2	$45,900	2056	* *	5	$64,800	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : At Joints								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : South Facade								
Metal Sect. OHD	15%			2049	* *	5	$36,000	
Pre-cast Concrete	3%			LIFE	* *	5	$15,000	
Window Wall	7%			2056	* *	5	$20,200	
Windows								
Aluminum	100%	Now	$11,100	2052	* *	5	$5,800	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Rear Of Building								
Parapets								
Concrete Masonry Unit	15%	Now	$1,400	LIFE	* *	5	$1,300	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 15%								
Location : North Parapets								
Vertical Cracks, Extent : Light, Area Affected : 10%								
Location : North Parapets								
Masonry: Brick Cavity	20%			LIFE	* *	5-10	$10,300	
Metal Rail	2%			2049	* *	5-10	$2,700	
Pre-cast Concrete	8%			LIFE	* *	5	$7,600	
No Component	55%							
Roof								
Cast in Place Concrete	25%			LIFE	* *	10	$22,400	
Metal Panel	55%	Now	$43,100	2049	* *			
Drains Clogged, Extent : Moderate, Area Affected : 5%								
Location : Where Angular Roof Planes Converge								
Modified Bitumen	20%			2041	* *	10	$10,800	
Soffits								
Metal Panel	100%			2056	* *	5-10	$47,900	
Interior								
Floors								
Cast in Place Concrete	68%			LIFE	* *	5	$181,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Simulated Street Area								
Explanation : Radiant Flooring								
Cast in Place Concrete	25%			LIFE	* *	5	$66,900	
Ceramic Tile	7%	Now	$4,800	2045	* *	5	$2,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilet Rooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Interior								
Interior Walls								
Ceramic Tile	2%	Now	$1,000	2045	* *	5	$500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Toilet Rooms								
Concrete Masonry Unit	75%			LIFE	* *	5	$28,600	
Gypsum Board	5%			LIFE	* *	5-10	$4,000	
Masonry: Brick	12%			LIFE	* *	10	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Streetscape Mockup On Main Level								
Explanation : Simulated Brick Building Facade Mockups								
Metal Coiling Doors	6%			2052	* *	5	$14,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Streetscape Mockup								
Explanation : On Building Facade Mockups								
Ceilings								
Exposed Struc: Steel	95%			LIFE	* *	10	$116,200	
Corrosion/Rusting, Extent : Moderate, Area Affected : 5%								
Location : At Roof Drain Penetration								
Metal Panel	5%			LIFE	* *	5	$7,600	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	85%			2049	* *			
Steel Grating	15%			2056	* *	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Fire Escape								
Explanation : Steel Fire Escape Stairs								
Parking/Driveway								
Asphalt	100%			2045	* *			

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	$25,300	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2,000 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2041	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 30 Kilovolt Ampere, 208 Volts Primary - 480/277 Volts Secondary								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2036	$162,600	5	$1,100	

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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								
Raceway								
Conduit	100%			2036	$81,000	1		
Panelboards								
Fused Disc Sw	5%			2035	$7,000	5		
Molded Case Bkrs	95%			2035	$132,700	5	$1,000	
Motor Controllers								
Locally Mounted	100%			2034	$71,700	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,200	
Stand-by Power								
Transfer Switches								
Manual	100%			2036	$26,800	5	$200	
Lighting								
Interior Lighting								
Fluorescent	40%			2031	$243,600	10	$15,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Storage								
Explanation : T8 Lamps								
Fluorescent	40%			2031	$243,600	10	$15,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Simulation Rooms								
Explanation : Compact Fluorescent Light								
HID	10%			2031	$48,400	10	$100	
LED	10%			2041	* *			
Egress Lighting								
Emergency, Battery	60%			2031	$41,100	10	$5,900	
Exit, LED	40%			2039	* *	1		
Exterior Lighting								
LED	10%			2044	* *			
No Component	90%							
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2031	$105,400	1-3	$25,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Addressable Fire Alarm System. Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors, 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								

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

FIRE DEPARTMENT - 057

FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12

Asset # : 13553

Mechanical	Current Repair			Future Replacement		Maintenance		
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%			2056	* *	1		
Other Observation, Extent : Light, Area Affected : 20%								
Location : 1st Floor								
Explanation : Hot Water Is Supplied From Adjacent Building No.11								
No Component	80%							
Distribution								
Hot Wtr Piping/Pump	20%			2052	* *	4	$600	
Other Observation, Extent : Light, Area Affected : 20%								
Location : 1st Floor								
Explanation : Hot Water From Adjacent Building No.11								
No Component	80%							
Terminal Devices								
Convector/Radiator	15%			2049	* *	1	$2,000	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Ground Level								
Explanation : Radiant Heating Pipes In Floor								
Unit Heater - Steam	5%			2041	* *	4	$200	
No Component	80%							
Air Conditioning								
Conversion Equipment								
Split Unit	10%			2041	* *			
No Component	90%							
Ventilation								
Exhaust Fans								
Roof	20%			2041	* *	2	$300	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2056	* *	1		
No Component	80%							
Water Heater With Tanks								
Electric	20%			2034	$14,200	4		
Other Observation, Extent : Light, Area Affected : 20%								
Location : 1st Floor								
Explanation : 1 Unit 150 Gallons								
No Component	80%							
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Two Bathrooms								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **12,000**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **02-May-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4,5**		
Block	: **1819** **Lot** : **40**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical		$178,900
Mechanical		$62,500
Total		**$241,300**
Importance Code A		$62,500
Importance Code B		$178,900
Total		**$241,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$84,100			
Interior Architecture	$65,800			
Electrical	$11,000			$200
Mechanical	$2,600	$500	$500	$500
Total	**$163,600**	**$500**	**$500**	**$700**
Importance Code A	$84,100	$200		$200
Importance Code B	$64,400	$300	$500	$400
Importance Code C	$15,100			
Total	**$163,600**	**$500**	**$500**	**$700**

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

FIRE DEPARTMENT - 057
FIRE ACADEMY TRAINING 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	$22,400	
Masonry: Brick	50%	Now	$46,200	LIFE	* *	5	$11,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : This Is A Demonstration Building. The Original Building Was 5,400 Square Feet Another 6,600 Square Feet Were Added In 2008.								
Windows								
Metal Louvers	10%			2045	* *	10	$3,600	
Steel	15%			2052	* *	5	$10,700	
No Component	75%							
Parapets								
Masonry: Brick	90%			LIFE	* *	5-10	$25,000	
Wood Cornice	10%			2046	* *	5-10	$5,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Parapet Coping								
Explanation : Wood Coping Installed								
Roof								
Skylight, Metal/Glass	2%			2062	* *	10	$1,000	
Traffic Topping	98%			2044	* *	10	$24,800	
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		
Interior								
Floors								
Cast in Place Concrete	95%			LIFE	* *	5	$66,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Various Rooms								
Explanation : Fire Brick Installed At Burn Locations								
Steel Grating	5%			2056	* *	1		
Interior Walls								
Concrete Masonry Unit	100%			LIFE	* *	5	$30,200	
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : All Floors								
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Various Rooms								
Explanation : Fire Resistant Tiles Installed At Burn Locations								
Ceilings								
Exposed Struc: Concrete	100%			LIFE	* *	5-10	$20,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : N/A, Area Affected : 10%								
Location : Various Rooms								
Explanation : Fire Resistant Tiles Installed At Burn 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
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
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2049	* *			

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	$15,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room, First Room								
Explanation : One 200 Ampere Main Disconnect Switch								
Raceway								
Conduit	100%			2036	$25,700	1		
Panelboards								
Molded Case Bkrs	100%			2035	$39,900	5	$300	
Wiring								
Thermoplastic	100%			2036	$28,700	1		
Lighting								
Interior Lighting								
Fluorescent	20%			2031	$35,800	10	$2,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Third Floor And Stair Case								
Explanation : T8 Lams								
Fluorescent	80%			2031	$143,100	10	$8,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Compact Fluorescent Light								
Exterior Lighting								
HID	10%			2031	$5,600	10		
No Component	90%							

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%			2056	* *	1		
No Component	80%							
Conversion Equipment								
Radiant Heater	20%			2036	$62,500	2	$1,100	
No Component	80%							
Ventilation								

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

FIRE DEPARTMENT - 057
FIRE ACADEMY 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
Ventilation								
Exhaust Fans								
Roof	20%			2041	* *	2	$100	
Wall Unit	80%			2036	$4,100	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Fan In Basement To Remove Methane Gasoline								
Plumbing								
H/C Water Piping								
Galvanized Steel	10%			2049	* *	1		
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement, 1 Through 5								
Explanation : Standpipe Only								
No Component	90%							
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 10%								
Location : 1 Through 5								
Explanation : Roof Drains Only								
Sump Pump(s)								
Non-Submersible	100%	Now	$2,400	2046	* *	4	$300	
Not in Service, Extent : Light, Area Affected : 100%								
Location : Basement								
Fire Suppression								
Standpipe								
Generic	100%			2056	* *	1-5	$6,000	

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

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **02-Jun-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **1819** **Lot** : **40**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$67,400
Interior Architecture		$221,000
Electrical		$268,300
Mechanical		$153,200
Total		**$709,900**
Importance Code A		$67,400
Importance Code B		$642,500
Total		**$709,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$90,900		$4,100	
Interior Architecture	$135,400	$600		$2,300
Electrical	$9,400	$1,300	$1,300	$1,800
Mechanical	$24,700	$1,600	$2,500	$1,200
Site Pavements	$4,200			
Elevators/Escalators	$7,200	$7,200	$7,200	$7,200
Total	**$271,700**	**$10,600**	**$15,100**	**$12,500**
Importance Code A	$91,600	$700	$4,800	$700
Importance Code B	$125,100	$9,900	$10,300	$11,000
Importance Code C	$55,000			$700
Total	**$271,700**	**$10,600**	**$15,100**	**$12,500**

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 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 Cavity	63%	Now	$47,700	LIFE	* *	5	$5,500	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Above Overhead Doors								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Above Second Story Window								
Caulking Deteriorated, Extent : Moderate, Area Affected : 20%								
Location : Base Of Building								
Metal Sect. OHD	30%			2049	* *	5	$8,200	
Window Wall	7%			2056	* *	5	$2,300	
Windows								
Aluminum	40%			2052	* *	5	$800	
Metal Louvers	10%			2045	* *	10	$1,300	
Wood	50%			2052	* *	5	$10,500	
Parapets								
Masonry: Brick Cavity	70%			LIFE	* *	5-10	$28,200	
Pre-cast Concrete	30%			LIFE	* *	5	$22,200	
Roof								
Built-Up (BUR)	35%			2036	$67,400	10	$5,800	
Modified Bitumen	65%	Now	$2,300	2044	* *			
Miss/Damaged Flashings, Extent : Light, Area Affected : 10%								
Location : Main Roof								
Soffits								
Metal Panel	100%			2056	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	40%	Now	$15,600	LIFE	* *	5	$20,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Various Locations Throughout Apparatus Floor								
Cast in Place Concrete	20%			LIFE	* *	5	$20,000	
Ceramic Tile	5%			2045	* *	5	$1,100	
Vinyl Tile	35%	Now	$22,100	2036	$221,000	3	$3,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Uneven Substrate, Extent : Moderate, Area Affected : 40%								
Location : Throughout Second Floor								
Interior Walls								
Ceramic Tile	5%			2045	* *	5	$1,400	
Concrete Masonry Unit	75%	Now	$40,500	LIFE	* *	5	$8,600	
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : Stairwell To Second Floor								
SGFT/Glazed Masonry	20%	0-2	$10,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Apparatus 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.*

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%			2041	* *	5	$3,400	
AcousTileSusp.Lay-In	5%			2053	* *	5	$1,100	
Exposed Struc: Steel	50%			LIFE	* *	10	$22,900	
Exposed Struc: Steel	20%			LIFE	* *	10	$9,100	
Gypsum Board	10%			LIFE	* *	5-10	$7,900	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$2,800	2041	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : At Overhead Door Thresholds And Curbs								
Parking/Driveway								
Asphalt	100%	Now	$1,400	2045	* *			
Potholes, Extent : Moderate, 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								
Service Equipment								
Fused Disc Sw	100%			2036	$15,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 1,200 Ampere Main Disconnect Switches								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	$108,400	5	$100	
Raceway								
Conduit	85%			2036	$21,900	1		
Conduit	15%			2036	$3,900	1		
Panelboards								
Fused Disc Sw	5%			2035	$2,000	5		
Molded Case Bkrs	75%			2035	$29,900	5	$300	
Molded Case Bkrs	20%			2035	$8,000	5	$100	
Wiring								
Thermoplastic	80%			2036	$22,900	1		
Thermoplastic	20%			2036	$5,700	1		
Motor Controllers								
Locally Mounted	20%			2034	$14,300	5		
Locally Mounted	80%			2034	$57,300	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Stand-by Power								
Transfer Switches								
Automatic	100%			2034	$26,800	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
Lighting								
Interior Lighting								
Fluorescent	40%			2031	$88,200	10	$5,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Second Floor								
Explanation : T8 Lamps								
LED	60%			2041	* *			
Egress Lighting								
Emergency, Battery	60%			2031	$14,900	10	$2,100	
Exit, LED	40%			2051	* *	1		
Exterior Lighting								
LED	10%			2041	* *			
No Component	90%							
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2036	$38,200	1-3	$9,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Addressable Fire Alarm System. Manual Pull Station, Alarm Bells, Strobe Lights, Smoke Detectors, 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								
Fuel Oil No 2	100%			2046	* *	5	$4,600	
Conversion Equipment								
Furnace	20%			2036	$9,200	1	$1,500	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : 1 Unit								
Hot Water Boiler	80%			2041	* *	1	$5,900	
Other Observation, Extent : Light, Area Affected : 80%								
Location : 1st Floor Boiler Room								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2044	* *	4	$1,100	
Terminal Devices								
Convector/Radiator	50%			2041	* *	1	$2,400	
Unit Heater - Steam	50%			2041	* *	4	$700	
Controls								
Electrical	100%			2031	$82,300			
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		

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

FIRE DEPARTMENT - 057

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
Air Conditioning								
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2046	* *	2	$200	
Recent Installation, Extent : Light, Area Affected : 20%								
Location : 2 Units, On The Roof, Using 410 A Refrigerant.								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$13,100	
Exhaust Fans								
Roof	85%			2036	$24,400	2	$400	
Wall Unit	15%			2036	$1,000	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	2-4	$9,500	2056	* *	1		
Corroded, Extent : Severe, Area Affected : 100%								
Location : Water Main.								
Water Heater With Tanks								
Electric	100%			2031	$70,900	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : 1 Unit 119 Gallons								
Sanitary Piping								
Cast Iron	100%	0-2	$9,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor. Sewage Backing Up Occasionally								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
No Component	90%							
Generic	10%			2041	* *	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%			2046	* *	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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FORT TOTTEN - BLDG. # 103 EMS BATTALION STATION**		
Address	: **103 TOTTEN AVENUE EMS OPERATIONS/SOC**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0020.103 / 13737**	**Yr Built/Renovated**	: **1892 /**
Area Sq Ft	: **4,591**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **07-Jun-2023**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1**		
Block	: **5917** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$65,900	
Interior Architecture		$176,900
Mechanical		$96,700
Total	**$65,900**	**$273,600**
Importance Code A	$65,900	
Importance Code B		$273,600
Total	**$65,900**	**$273,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$3,300			
Interior Architecture	$17,700			$700
Electrical	$200	$200	$40,700	$200
Mechanical	$8,800	$500	$16,400	$500
Site Enclosure	$6,500			
Site Pavements	$4,900			
Total	**$41,500**	**$700**	**$57,100**	**$1,400**
Importance Code A	$3,600	$200	$200	$200
Importance Code B	$28,900	$500	$56,800	$1,200
Importance Code C	$9,000			
Total	**$41,500**	**$700**	**$57,100**	**$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. # 103 EMS BATTALION STATION

Asset # : 13737

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	5%			2044	* *	10	$300	
Cast in Place Concrete	10%			LIFE	* *	5	$8,600	
Masonry: Brick	85%	Now	$65,900	LIFE	* *	5	$14,600	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Building Corners And Openings								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Windows								
Aluminum	100%	Now	$2,300	2042	* *	5	$200	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Front Office								
Roof								
Asphalt Shingle	100%			2037	* *	10	$1,100	
Soffits								
Wood	100%			2039	* *	5		
Interior								
Floors								
Ceramic Tile	5%	Now	$1,100	2037	* *	5	$200	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Bathroom								
Quarry Tile	10%			2047	* *	5	$1,000	
Vinyl Tile	85%	Now	$8,800	2034	$176,900	3	$2,200	
Broken/Missing Elements, Extent : Light, Area Affected : 100%								
Location : Basement								
Repairs in Progress, Extent : N/A, Area Affected : 100%								
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. # 103 EMS BATTALION STATION

Asset # : 13737

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	$600	2037	* *	5	$200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Toilets								
Concrete Masonry Unit	10%			LIFE	* *	5	$400	
Gypsum Board	50%	Now	$1,500	LIFE	* *	5	$2,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Basement								
Repairs in Progress, Extent : N/A, Area Affected : 50%								
Location : Basement								
Masonry: Brick	5%	Now	$2,000	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 50%								
Location : Basement								
Plaster	5%			LIFE	* *	5	$100	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement								
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Basement								
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Basement								
Wood	25%			LIFE	* *	5	$9,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations. Throughout								
Explanation : Wood Panel Interior Finish								
Ceilings								
AcousTileSusp.Lay-In	95%			2047	* *	5	$6,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Repairs in Progress, Extent : N/A, Area Affected : 100%								
Location : Basement								
Gypsum Board	5%			LIFE	* *	5	$400	
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	Now	$6,500	2069	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Basement Stairs								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Basement Stairs								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2039	* *			
Parking/Driveway								
Cast in Place Concrete	100%	Now	$4,900	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking 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.*

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG. # 103 EMS BATTALION STATION

Asset # : 13737

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	$4,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 200 Ampere Main Disconnect Switches								
Raceway								
Conduit	85%			2034	$4,100	1		
Conduit	10%			2044	* *	1		
Under Construction	5%							
Panelboards								
Fused Disc Sw	5%			2033	$500	5		
Molded Case Bkrs	70%			2033	$7,700	5	$100	
Molded Case Bkrs	20%			2042	* *	5		
Under Construction	5%							
Wiring								
Thermoplastic	70%			2034	$6,900	1		
Thermoplastic	20%			2044	* *	1		
Under Construction	10%							
Motor Controllers								
Locally Mounted	100%			2032	$12,600	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	90%			2029	$32,100	10	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-12 Lamps								
Under Construction	10%							
Egress Lighting								
Emergency, Battery	50%			2034	$4,200	10	$600	
Exit, Service	50%			2034	$900	1		
Exterior Lighting								
HID	20%			2029	$4,700	10		
LED	10%			2042	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2039	* *	1	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Front Of The Building								
Explanation : CCTV Surveillance Camera Only Outside								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG. # 103 EMS BATTALION STATION

Asset # : 13737

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	$1,400	
Conversion Equipment								
Hot Water Boiler	100%			2047	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$600	2033	$11,000	4	$200	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : South Side								
Explanation : Insufficient Heat In The South Side Of The Building								
Terminal Devices								
Convector/Radiator	100%			2032	$41,100	1	$1,500	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	20%			2034	$23,900			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : 1 Unit. R-22 Refrigerant								
Window/Wall Unit	80%	0-2	$7,600	2029	$15,200	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement. Units Is Not Reliable And Constantly Breaking Down								
Terminal Devices								
Fan Coil - 2 Pipe	20%			2034	$30,700	1	$300	
No Component	80%							
Heat Rejection								
Dry Cooler	20%			2034	$4,600	2	$600	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Oil Fired	100%			2032	$96,700	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 40 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$100	
Fixtures								
Generic	100%							

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

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **07-Jun-2023**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5917** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$391,200
Mechanical	$96,700	$702,500
Site Pavements	$65,400	
Total	**$162,100**	**$1,093,700**
Importance Code B	$96,700	$1,093,700
Importance Code C	$65,400	
Total	**$162,100**	**$1,093,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$28,800		$600	
Interior Architecture	$6,600	$1,600	$2,300	
Electrical			$11,800	$200
Mechanical	$5,400	$3,200	$20,400	$3,200
Site Enclosure	$4,100			
Total	**$44,900**	**$4,800**	**$35,000**	**$3,300**
Importance Code A	$30,000	$1,200	$1,800	$1,200
Importance Code B	$9,900	$3,600	$33,200	$2,100
Importance Code C	$5,000			
Total	**$44,900**	**$4,800**	**$35,000**	**$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. # 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%	Now	$19,100	LIFE	* *	5	$10,600	
Diagonal Cracks, Extent : Light, Area Affected : 2%								
Location : Attached Storage Shed								
Staining/Discoloring, Extent : Light, Area Affected : 25%								
Location : Various Locations								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : North Facade								
Masonry: Granite	5%			LIFE	* *	5	$500	
Masonry: Limestone	5%			LIFE	* *	5	$500	
Metal Sect. OHD	3%			2039	* *	5	$1,100	
Windows								
Metal Louvers	2%			2043	* *	10	$200	
Wood	98%			2042	* *	5	$19,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Facades								
Explanation : Vinyl Clad Wood Wondows								
Roof								
Asphalt Shingle	2%			2043	* *	10	$100	
Synthetic Slate/Cedar	98%			2043	* *			
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$8,100	
Mosaic Tile	10%			2039	* *	5	$4,600	
Vinyl Tile	70%			2034	$391,200	3	$4,800	
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Cast Stone/Terra Cotta	5%			LIFE	* *			
Ceramic Tile	10%			2037	* *	5	$2,700	
Gypsum Board	80%			LIFE	* *	5	$13,100	
Ceilings								
AcousTileSusp.Lay-In	60%			2047	* *	5	$10,500	
Gypsum Board	30%			LIFE	* *	5	$6,600	
Masonry: Infill Arch	10%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Chain Link	100%	4+	$3,600	2044	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Around Parking Lot								
Retaining Walls								
Cast in Place Concrete	100%	Now	$500	2054	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Left Side Of Building								
Site Pavements								
On-Site Walkways								
Asphalt	95%			2037	* *			
Cast in Place Concrete	5%			2039	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Site Pavements								
Parking/Driveway								
Asphalt	100%	0-2	$65,400	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Rear Parking 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	100%			2044	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Two Main Service Disconnect Switches Rated At 200 Amperes And 100 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$100	
Raceway								
Conduit	90%			2034	$25,400	1		
Conduit	10%			2054	* *	1		
Panelboards								
Fused Disc Sw	10%			2050	* *	5		
Molded Case Bkrs	90%			2050	* *	5	$300	
Wiring								
Thermoplastic	100%			2054	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	90%			2039	* *	10	$10,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2042	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$1,500	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	15%			2034	$9,500	10		
LED	15%			2042	* *			
No Component	70%							

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG. # 107 CLASSROOM/ADMIN.

Asset # : 13738

Mechanical	Current Repair			Future Replacement		Maintenance		
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	$3,800	
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$12,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : One Oil Fired Steam Boiler								
Distribution								
Steam Piping/Pump	100%			2034	$108,800			
Terminal Devices								
Convector/Radiator	70%			2032	$77,800	1	$2,800	
Convector/Radiator	30%			2047	* *	1	$1,200	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	70%			2034	$225,800			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : 3 Units. R-22 Refrigerant								
Window/Wall Unit	30%	0-2	$3,100	2029	$15,400	1		
Malfunctioning, Extent : Moderate, Area Affected : 50%								
Location : Basement. Two Window Air Condition Units In Basement Not Reliable. Units Constantly Breaking Down.								
Terminal Devices								
Fan Coil - 2 Pipe	70%			2034	$290,100	1	$2,800	
No Component	30%							
Heat Rejection								
Dry Cooler	70%			2034	$43,600	2	$6,000	
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$4,800	
No Component	30%							
Exhaust Fans								
Interior	70%			2034	$42,200	2	$300	
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Oil Fired	100%			2029	$96,700	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : 1 Unit								
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

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
Plumbing								
Sump Pump(s)								
Submersible	100%	0-2	$400	2029	$400	4	$300	
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Basement								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **FORT TOTTEN - BLDG. # 129 EMS CHAUFFEUR TRAINING SIMULATOR**
Address : **129 SGT. BEERS AVENUE EVOC/CPR**
Borough : **QUEENS**
Program / Asset # : **FIR0020.129 / 13740**
Area Sq Ft : **4,566**
Date of Survey : **31-May-2023**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **5917** **Lot** : **1**

Agency's Number : **N/A**
Yr Built/Renovated : **1871 /**
Project Type : **FIRE DEPARTMENT**
Landmark Status : **HISTORICAL LANDMARK DISTRICT**
BIN :

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$172,500
Total		**$172,500**
Importance Code B		$172,500
Total		**$172,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$11,100		$300	
Interior Architecture	$21,200	$200	$1,800	$100
Electrical	$200	$200	$800	$200
Mechanical	$8,600	$600	$131,300	$900
Site Pavements	$8,100			
Total	**$49,100**	**$1,100**	**$134,200**	**$1,200**
Importance Code A	$11,600	$500	$700	$500
Importance Code B	$29,500	$400	$133,500	$800
Importance Code C	$8,100	$200		
Total	**$49,100**	**$1,100**	**$134,200**	**$1,200**

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG. # 129 EMS CHAUFFEUR TRAINING SIMULATOR

Asset # : 13740

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	95%			LIFE	* *	5	$16,300	
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : South Facade								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Facades								
Explanation : Facades Have Been Coated With A Thin Layer Of Red Stucco								
Masonry: Limestone	5%	0-2	$3,700	LIFE	* *	5	$600	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Base Of Building								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Base Of Building								
Explanation : This Is Actually Bluestone								
Windows								
Vinyl-Clad Wood	100%			2039	* *	5	$600	
Roof								
Cast in Place Concrete	10%	Now	$800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Above Basement								
Slate	90%	2-4	$6,600	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Mostly Above Gutter								
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : Roof								
Interior								
Floors								
Cast in Place Concrete	8%			LIFE	* *	5	$1,200	
Sheet Vinyl/Rubber	35%			2034	$172,500	5	$3,600	
Vinyl Tile	15%			2039	* *	3	$500	
Vinyl Tile 9" X 9"	2%	Now	$12,100	2044	* *	3	$100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor Entry Vestibule								
Wood	40%	0-2	$9,000	2062	* *	5	$2,600	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout 2nd Floor								
Interior Walls								
Cast in Place Concrete	20%			LIFE	* *			
Ceramic Tile	5%			2043	* *	5	$500	
Gypsum Board	20%			LIFE	* *	5	$1,100	
Plaster	55%			LIFE	* *	5	$1,600	
Ceilings								
Exposed Struc: Concrete	10%			LIFE	* *	5	$100	
Plaster	90%			LIFE	* *	5	$3,900	
Paint Peeling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Site Enclosure								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG. # 129 EMS CHAUFFEUR TRAINING SIMULATOR

Asset # : 13740

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								
Retaining Walls								
Cast in Place Concrete	100%			2054	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$8,100	2047	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Stairs To Basements								
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Parking/Driveway								
Asphalt	95%			2037	* *			
Cast in Place Concrete	5%			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%			2054	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 100 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2054	* *	5	$100	
Raceway								
Conduit	70%			2054	* *	1		
Conduit	30%			2034	$1,500	1		
Panelboards								
Molded Case Bkrs	100%			2050	* *	5	$100	
Wiring								
Thermoplastic	70%			2054	* *	1		
Thermoplastic	30%			2034	$3,000	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	95%			2034	$33,700	10	$4,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	5%			2034	$1,600			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$600	
Exit, Service	50%			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

FORT TOTTEN - BLDG. # 129 EMS CHAUFFEUR TRAINING SIMULATOR

Asset # : 13740

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								
LED	30%			2039	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2039	* *	1	$1,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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	$1,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks								
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$4,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2034	$40,000			
Terminal Devices								
Convector/Radiator	100%			2032	$40,900	1	$1,500	
Controls								
Electrical	100%			2029	$27,800			
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	30%	4+	$7,100	2029	$35,600			
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 1 Unit. 1st Floor								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor								
Explanation : On Extended Life Time								
Window/Wall Unit	70%			2029	$13,300	1		
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2	$1,800	
No Component	70%							

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG. # 129 EMS CHAUFFEUR TRAINING SIMULATOR

Asset # : 13740

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Terminal Devices								
Fan Coil - 2 Pipe	30%			2029	$45,800	1	$400	
No Component	70%							
Heat Rejection								
Dry Cooler	30%			2029	$6,900	2	$1,000	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	10%	0-2	$600	2044	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 10%								
Location : Boiler Room								
Brass/Copper	90%			2044	* *	1		
HW Heat Exchanger								
Steam Fired	100%			2054	* *	4	$500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Domestic Coil Inside Boiler								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Aged Units								

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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FORT TOTTEN - BLDG. # 139 EMS MEDICAL FILE STORAGE**		
Address	: **139 SGT. BEERS LANE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0020.139 / 14323**	**Yr Built/Renovated**	:
Area Sq Ft	: **9,381**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **17-Sep-2018**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **5917** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$164,300	
Interior Architecture	$109,400	
Electrical	$65,700	
Total	**$339,300**	
Importance Code A	$164,300	
Importance Code B	$175,000	
Total	**$339,300**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$41,300			
Interior Architecture	$7,600		$700	$1,500
Electrical	$14,400		$11,100	$18,900
Mechanical	$25,200	$300	$300	$300
Total	**$88,600**	**$300**	**$12,100**	**$20,700**
Importance Code A	$41,300			$4,200
Importance Code B	$39,600	$300	$12,100	$16,600
Importance Code C	$7,600			
Total	**$88,600**	**$300**	**$12,100**	**$20,700**

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. # 139 EMS MEDICAL FILE STORAGE

Asset # : 14323

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	50%	Now	$93,900	2060	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Front Facade								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Throughout Facade								
Explanation : Vegetation Growth And Fascia Board Is Deteriorated								
Masonry: Brick	50%	Now	$7,800	LIFE	* *	5	$4,300	
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Throughout Exterior Facade.								
Windows								
Wood	100%	Now	$33,500	2055	* *	5	$6,300	1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : All Facades								
Dry Rot/Decay, Extent : Severe, Area Affected : 20%								
Location : All Facade								
Unit Inoperable, Extent : Severe, Area Affected : 50%								
Location : Facade Fenestration								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Facade Fenestration								
Explanation : Vinyl Clad Wood Windows								
Roof								
Asphalt Shingle	100%	Now	$70,400	2045	* *			1
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Roof								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Roof								
Explanation : Large Opening In Roof, Soffit Band Failing								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$1,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : No Access								
Ceramic Tile	10%			2039	* *	5	$1,400	
Vinyl Tile	85%	Now	$109,400	2040	* *	3	$4,500	
Loose/Delam Surface, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Explanation : Debris And Abandoned Storage Materials Everywhere								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG. # 139 EMS MEDICAL FILE STORAGE

Asset # : 14323

Architecture	Current Repair			Future Replacement		Maintenance		
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	$700	2039	* *	5	$100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms.								
Gypsum Board	95%	Now	$6,900	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Toilet Room On 1st Floor								
Ceilings								
Gypsum Board	100%			LIFE	* *	5	$17,700	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Explanation : Paint Peeling								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2035				

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%			2030	$4,100	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Closet Under The Stairs 1st Floor								
Explanation : One 200 Ampere Main Disconnect Switch And The Building Is Not Occupied								
Raceway								
Conduit	100%			2030	$4,800	1		
Panelboards								
Molded Case Bkrs	100%			2029	$10,900	5	$200	
Wiring								
Thermoplastic	100%			2030	$9,900	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Incandescent	100%			2027	$65,700	2	$200	
Exterior Lighting								
HID	30%			2027	$14,400	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								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG. # 139 EMS MEDICAL FILE STORAGE

Asset # : 14323

Mechanical	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 :								
Explanation : Building Unoccupied In Very Poor Condition. No Access To Basement								
Conversion Equipment								
Not Accessible	100%							
Distribution								
Not Accessible	100%							
Terminal Devices								
Convector/Radiator	100%	0-2	$25,200	2043	* *	1	$2,700	
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Entire Building								
Plumbing								
H/C Water Piping								
Not Accessible	100%							
Water Heater With Tanks								
Not Accessible	100%							
HW Heat Exchanger								
Not Accessible	100%							
Sanitary 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								
Generic	100%							
Abandoned in Place, Extent : Moderate, Area Affected : 100%								
Location : Entire 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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FORT TOTTEN - BLDG. # 309 EMS HAZMAT/ PARAMEDIC TRAINING**		
Address	: **309 PRATT AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0020.309 / 13755**	**Yr Built/Renovated**	: **1897 /**
Area Sq Ft	: **4,874**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **24-May-2023**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1**		
Block	: **5917** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical		$51,800
Total		**$51,800**
Importance Code B		$51,800
Total		**$51,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$33,200			
Interior Architecture	$45,600		$400	
Electrical	$200	$200	$17,700	$200
Mechanical	$20,900	$600	$31,100	$600
Site Enclosure	$600			
Site Pavements	$1,600			
Total	**$102,000**	**$900**	**$49,200**	**$900**
Importance Code A	$33,700	$500	$500	$500
Importance Code B	$66,000	$400	$48,700	$400
Importance Code C	$2,400			
Total	**$102,000**	**$900**	**$49,200**	**$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. # 309 EMS HAZMAT/ PARAMEDIC TRAINING

Asset # : 13755

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%	2-4	$25,000	LIFE	* *	5	$13,800	
Vertical Cracks, Extent : Light, Area Affected : 2%								
Location : Window Infill								
Masonry: Fieldstone	13%	2-4	$4,700	LIFE	* *	5	$1,600	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Base Of Building								
Stucco Cement	2%	Now	$1,000	2039	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Chimney								
Windows								
Aluminum	100%	Now	$400	2050	* *	5	$200	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 5%								
Location : Throughout								
Roof								
Asphalt Shingle	100%	Now	$2,100	2043	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%								
Location : Roof Cap								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Soffits								
Cast in Place Concrete	50%			LIFE	* *	5		
Exposed Struc: Wood	50%			LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 100%								
Location : Roof Soffit								
Interior								
Floors								
Cast in Place Concrete	35%	4+	$4,600	LIFE	* *	5	$5,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout Basement Floor								
Mosaic Tile	5%			2039	* *	5	$900	
Quarry Tile	55%	0-2	$31,200	2039	* *	5	$2,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vinyl Tile	5%			2034	$10,700	3	$100	
Interior Walls								
Ceramic Tile	5%	Now	$800	2037	* *	5	$100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement Bathroom								
Gypsum Board	20%			LIFE	* *	5	$600	
Masonry: Brick	20%			LIFE	* *			
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : Throughout Basement Walls								
SGFT/Glazed Masonry	5%			LIFE	* *			
Wood	50%			LIFE	* *	5	$10,500	

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. # 309 EMS HAZMAT/ PARAMEDIC TRAINING

Asset # : 13755

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	60%	Now	$3,700	2039	* *	5	$2,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Throughout Main Floor Ceiling								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Exposed Struc: Wood	20%	2-4	$5,300	LIFE	* *			
Split/Cracked, Extent : Severe, Area Affected : 15%								
Location : Various Locations Throughout Basement								
Plaster	20%			LIFE	* *	5	$900	
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	2-4	$600	2054	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basement Stairs								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$1,600	2047	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Entrance Stairs And Rear Stairs								

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		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 100 Ampere Main Disconnect Switch								
Raceway								
Conduit	50%			2034	$2,400	1		
Conduit	50%			2060	* *	1		
Panelboards								
Fused Disc Sw	5%			2033	$500	5		
Molded Case Bkrs	20%			2033	$2,200	5		
Molded Case Bkrs	75%			2050	* *	5	$100	
Wiring								
Thermoplastic	50%			2034	$5,000	1		
Thermoplastic	50%			2054	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG. # 309 EMS HAZMAT/ PARAMEDIC TRAINING

Asset # : 13755

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%			2029	$15,100	10	$1,800	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Basement								
Fluorescent	60%			2042	* *	10	$2,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : First Floor								
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$600	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2039	* *	1	$1,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outisde Front Of The Building								
Explanation : CCTV Surveillance Camera Only The Front Of The 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%			2034	$12,200	5	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Tanks								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$4,800	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2044	* *			
Terminal Devices								
Convector/Radiator	100%			2032	$43,700	1	$1,600	
Controls								
Electrical	100%			2029	$29,700			
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2027	$20,200	1		
Plumbing								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG. # 309 EMS HAZMAT/ PARAMEDIC TRAINING

Asset # : 13755

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%			2044	* *	1		
Water Heater With Tanks								
Electric	100%			2032	$51,800	4		
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **FORT TOTTEN - BLDG. # 325 EMS ACADEMY**
Address : **325 PRATT AVENUE**
Borough : **QUEENS**
Program / Asset # : **FIR0020.325 / 13739**
Area Sq Ft : **31,892**
Date of Survey : **04-May-2023**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **5917** **Lot** : **1**

Agency's Number : **N/A**
Yr Built/Renovated : **1894 /**
Project Type : **FIRE DEPARTMENT**
Landmark Status : **HISTORICAL LANDMARK DISTRICT**
BIN :

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$419,200	
Electrical		$50,300
Mechanical	$572,300	$184,800
Site Enclosure		$200,800
Total	**$991,500**	**$435,900**
Importance Code A	$419,200	
Importance Code B	$572,300	$235,100
Importance Code C		$200,800
Total	**$991,500**	**$435,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$52,100		$3,500	
Interior Architecture	$74,000	$1,300	$19,500	$1,500
Electrical	$4,500	$7,000	$19,700	$3,500
Mechanical	$34,200	$3,100	$10,500	$3,800
Site Enclosure	$2,900			
Site Pavements	$13,500			
Total	**$181,300**	**$11,400**	**$53,100**	**$8,800**
Importance Code A	$53,600	$1,600	$5,100	$1,600
Importance Code B	$98,800	$8,500	$48,000	$7,300
Importance Code C	$28,900	$1,300		
Total	**$181,300**	**$11,400**	**$53,100**	**$8,800**

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

FIRE DEPARTMENT - 057
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								
Alum/Vinyl Siding	2%			2054	* *	10	$400	
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$21,900	
Masonry: Brick	83%	Now	$419,200	LIFE	* *	5	$46,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Front Elevation								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 5%								
Location : Front Elevation And Rear Elevation								
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : Gymnasium, Locker Room Wing								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Spalling Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Hall Connector								
Stucco Cement	5%			2039	* *	5	$7,000	
Wood	5%	Now	$26,600	2039	* *	5	$7,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Eaves, Cornices, And Entry Canopies								
Dry Rot/Decay, Extent : Moderate, Area Affected : 50%								
Location : Eaves And Cornices								
Windows								
Aluminum	100%	Now	$19,100	2042	* *	5	$1,800	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Caulking Deteriorated, Extent : Light, Area Affected : 10%								
Location : Throughout								
Weather Strip Missing, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Asphalt Shingle	98%	Now	$3,500	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Laboratory								
Metal Panel	2%			2047	* *	10	$1,100	
Soffits								
Exposed Struc: Steel	50%	4+	$1,300	LIFE	* *	5	$600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Underside Of Stair platform								
Wood	50%			2047	* *	5	$900	
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. # 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								
Floors								
Carpet	5%			2035	$47,100	3	$3,600	
Cast in Place Concrete	10%			LIFE	* *	5	$10,600	
Ceramic Tile	10%	Now	$6,000	2043	* *	5	$2,400	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Showers And Bathrooms								
Misaligned/Bulging, Extent : Moderate, Area Affected : 2%								
Location : Showers								
Sheet Vinyl/Rubber	25%			2039	* *	5	$18,200	
Other Observation, Extent : N/A, Area Affected : 50%								
Location : 1st Floor								
Explanation : Vinyl Sheet								
Sheet Vinyl/Rubber	25%			2039	* *	5	$18,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 2nd, 3rd Floor And Stair Landings								
Explanation : Rubber Tiles								
Vinyl Tile	25%	Now	$36,800	2044	* *	3	$4,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Cafeteria								
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : 2nd And 3rd Floors								
Interior Walls								
Ceramic Tile	5%			2043	* *	5	$2,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,000	
Gypsum Board	35%			LIFE	* *	5	$11,000	
Plaster	55%	Now	$15,400	LIFE	* *	5	$8,600	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : 3rd Floor								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Building Connector Hall								
Ceilings								
AcousTileSusp.Lay-In	50%			2047	* *	5	$24,300	
Gypsum Board	20%	Now	$3,700	LIFE	* *	5	$12,200	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Laboratory								
Plaster	30%			LIFE	* *	5	$9,100	
Site Enclosure								
Fence/Gates								
Wood	100%			2032	$200,800			

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

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								
Retaining Walls								
Concrete Masonry Unit	35%	Now	$1,600	2044	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Rear Parking Lot								
Concrete Masonry Unit	30%	Now	$1,400	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Rear Mechanical Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Mechanical Room Retaining Wall								
Explanation : Stucco Surface Delamination								
Masonry: Brick	35%			2054	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	70%			2047	* *			
Steel Grating	30%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Fire Escape								
Explanation : Fire Exscapes								
Parking/Driveway								
Asphalt	75%			2037	* *			
Cast in Place Concrete	25%	Now	$13,500	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Rear Parking Lot, Americans With Disabilities Act Entrance								

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 : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2054	* *	5	$100	
Raceway								
Conduit	40%			2054	* *	1		
Conduit	60%			2034	$2,900	1		
Panelboards								
Fused Disc Sw	2%			2050	* *	5		
Fused Disc Sw	3%			2033	$700	5		
Molded Case Bkrs	30%			2050	* *	5	$300	
Molded Case Bkrs	65%			2033	$14,200	5	$500	

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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
Under 600 Volts								
Wiring								
Braided Cloth	10%	2-4	$1,000	2059	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement And 3rd Floor								
Thermoplastic	30%			2054	* *	1		
Thermoplastic	60%			2034	$5,900	1		
Motor Controllers								
Locally Mounted	100%			2032	$50,300	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$9,800	
Generators								
Diesel	100%			2043	* *	1	$12,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 250 Kilowatts								
Batteries								
Lead/Acid	100%			2028	$2,700	5	$1,200	
Fuel Storage								
Main Tank	100%			2062	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : 250 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	5%			2029	$12,400	10	$1,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 3rd Floor								
Explanation : T-12 Lamps								
LED	95%			2039	* *			
Egress Lighting								
Emergency, Service	48%			2039	* *	1		
Emergency, Service	10%			2029	$2,200	1		
Emergency, Battery	2%			2039	* *	10	$200	
Exit, Service	40%			2039	* *	1		
Exterior Lighting								
HID	20%			2034	$32,600	10		
LED	10%			2039	* *			
No Component	70%							
Alarm								

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. # 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
Alarm								
Security System								
Generic	100%			2039	* *	1	$11,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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	70%			2054	* *	5	$6,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : 1,800 Gallon Double Wall Tank With Leak Detection Serves Front Building								
Fuel Oil No 2	30%			2054	* *	5	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Side Basement								
Explanation : 500 Gallon Double Wall Tank With Leak Detection Serves Rear Building								
Conversion Equipment								
Hot Water Boiler	30%			2039	* *	1	$4,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Side Basement								
Explanation : 1 Unit Serves Rear Building								
Hot Water Boiler	70%			2051	* *	1	$11,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	10%	Now	$1,500	2042	* *	4	$200	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Female Locker Room And Side Entrance								
Explanation : Not Enough Heat								
Hot Wtr Piping/Pump	90%			2042	* *	4	$1,400	
Terminal Devices								
Convector/Radiator	95%			2047	* *	1	$9,800	
Fan Coil Unit/Heat	5%			2039	* *	1	$500	
Controls								
Electrical	100%			2029	$194,200			
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.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 325 EMS ACADEMY
Asset # : 13739

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Split Unit	40%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Out Side Of The Building								
Explanation : 6 Units. R-410a.								
Window/Wall Unit	30%	0-2	$23,800	2034	$39,700	1		
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Various Locations In Front Building								
Window/Wall Unit	30%			2029	$39,700	1		
Terminal Devices								
Fan Coil - 2 Pipe	40%			2039	* *	1	$4,100	
No Component	60%							
Heat Rejection								
Air Cooled Condenser Unit	40%			2039	* *	2	$8,900	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$5,300	
No Component	70%							
Exhaust Fans								
Interior	30%			2042	* *	2	$300	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	5%	0-2	$400	2044	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 10%								
Location : Boiler Rooms								
Brass/Copper	95%			2044	* *	1		
Water Heater With Tanks								
Oil Fired	70%			2029	$338,500	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Rear Of Basement								
Explanation : Two 90 Gallon Units								
Oil Fired	30%			2034	$145,100	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Side Basement								
Explanation : 1 Brand New 70 Gallon Unit								
Sanitary Piping								
Cast Iron	10%	Now	$2,200	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : 1st Floor Mens Bathroom								
Cast Iron	90%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$1,100	4	$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
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								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **FORT TOTTEN - BLDG. # 332 FORMER THEATRE**
Address : **332 PRATT AVENUE**
Borough : **QUEENS**
Agency's Number : **332**
Program / Asset # : **FIR0020.332 / 13766**
Yr Built/Renovated : **1939 /**
Area Sq Ft : **6,288**
Project Type : **FIRE DEPARTMENT**
Date of Survey : **19-Sep-2018**
Landmark Status : **EXTERIOR, HISTORICAL DISTRICT**
Areas Surveyed : **Floors 1**
Block : **5917** **Lot** : **1** **BIN** :

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$577,600	
Mechanical	$199,700	$108,900
Total	**$777,300**	**$108,900**
Importance Code A	$577,600	
Importance Code B	$199,700	$108,900
Total	**$777,300**	**$108,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$100,300			
Mechanical	$71,400	$600	$2,700	$600
Site Enclosure	$3,800			
Total	**$175,500**	**$600**	**$2,700**	**$600**
Importance Code A	$136,300	$600	$600	$600
Importance Code B	$39,200		$2,100	
Total	**$175,500**	**$600**	**$2,700**	**$600**

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG. # 332 FORMER THEATRE

Asset # : 13766

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$89,600	LIFE	* *	5	$11,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Around Building								
Masonry: Brick	85%	Now	$349,200	LIFE	* *	5	$19,400	
Vegetation Growth, Extent : Light, Area Affected : 75%								
Location : Various Locations Around Building								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Around Building								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire Building								
Explanation : Building Is Abandoned. Not In Use.								
Wood	5%	Now	$27,000	2050	* *	5	$2,800	1
Dry Rot/Decay, Extent : Severe, Area Affected : 100%								
Location : Front Entry Columns								
Windows								
Wood	100%	Now	$49,400	2055	* *	5	$9,400	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Front, Side And Rear Facades								
Dry Rot/Decay, Extent : Severe, Area Affected : 100%								
Location : All Facades								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 100%								
Location : All Facades								
Roof								
Slate	100%	Now	$138,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Various Locations								
Soffits								
Stucco Cement	100%	Now	$23,900	2050	* *	5	$1,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Front Entrance								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Front Entrance								
Explanation : Fascia Of Entrance Canopy Is Deteriorating								
Interior								
Floors								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : First Floor								
Explanation : Entrances Boarded Closed.								
Interior Walls								
Not Accessible	100%							
Ceilings								
Not Accessible	100%							
Site Enclosure								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG. # 332 FORMER THEATRE

Asset # : 13766

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	Now	$3,800	2080	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Left Side Of Building								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	60%			2028				
Pavers/Stone	40%			2033				

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 : N/A, Area Affected : 0%								
Location :								
Explanation : Building Is Abandoned								
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%							
Batteries								
Not Accessible	100%							
Fuel Storage								
Not Accessible	100%							
Lighting								
Interior Lighting								
Not Accessible	100%							

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 332 FORMER THEATRE
Asset # : 13766

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								
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								
Fuel Oil	100%	Now	$16,500	2060	* *	5	$1,000	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : This Is An Abandoned Building								
Conversion Equipment								
Steam Boiler	100%	Now	$36,000	2050	* *	1	$5,600	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : Basement								
Distribution								
Not Accessible	100%							
Terminal Devices								
Not Accessible	100%							
Air Conditioning								
Energy Source								
Electricity	100%	Now	$18,900	2055	* *	1		
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor								
Conversion Equipment								
Interior Pkg Unit - Cooling	100%	Now	$108,900	2031	$108,900	2	$300	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor								
Distribution								
Ductwork/Diffusers	100%	Now	$90,700	LIFE	* *	2	$8,200	
Abandoned in Place, Extent : Severe, Area Affected : 100%								
Location : 2nd Floor								
Plumbing								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG. # 332 FORMER THEATRE

Asset # : 13766

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping								
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%							
Backflow Preventer								
Not Accessible	100%							
Fixtures								
Not Accessible	100%							

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

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **FORT TOTTEN - BLDG. # 333 QUARTERMASTER**
Address : **333 PRATT AVENUE**
Borough : **QUEENS**
Program / Asset # : **FIR0020.333 / 13767**
Area Sq Ft : **17,602**
Date of Survey : **04-May-2023**
Areas Surveyed : **Basement, Roof, Floors 1**
Block : **5917** **Lot** : **1**

Agency's Number : **N/A**
Yr Built/Renovated : **1897 / 1997**
Project Type : **FIRE DEPARTMENT**
Landmark Status : **HISTORICAL LANDMARK DISTRICT**
BIN :

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$135,500	
Interior Architecture		$578,000
Electrical	$81,900	$54,600
Mechanical	$107,200	$154,400
Site Pavements	$91,000	$53,100
Total	**$415,600**	**$840,100**
Importance Code A	$135,500	
Importance Code B	$189,100	$787,000
Importance Code C	$91,000	$53,100
Total	**$415,600**	**$840,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$50,100			
Interior Architecture	$173,400		$5,600	$2,300
Electrical	$2,200	$2,400	$103,100	$2,200
Mechanical	$28,000	$2,300	$45,000	$2,300
Site Enclosure	$400			
Site Pavements	$2,400	$100	$600	$100
Total	**$256,500**	**$4,800**	**$154,300**	**$6,900**
Importance Code A	$51,900	$1,700	$1,800	$1,700
Importance Code B	$193,000	$3,000	$151,900	$5,000
Importance Code C	$11,700	$100	$600	$100
Total	**$256,500**	**$4,800**	**$154,300**	**$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
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%	Now	$3,500	2044	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Near Americans With Disabilities Act Ramp								
Cast in Place Concrete	5%	Now	$14,100	LIFE	* *	5	$5,400	1
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Base Of Building								
Masonry: Brick	70%	Now	$135,500	LIFE	* *	5	$15,000	1
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Various Locations								
Masonry: Fieldstone	8%	4+	$3,800	LIFE	* *	5	$1,300	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Cellar Entry								
Wood	2%	Now	$3,100	2039	* *	5	$1,100	
Deteriorated Finish, Extent : Severe, Area Affected : 20%								
Location : Wood Columns At Entry								
Dry Rot/Decay, Extent : Severe, Area Affected : 5%								
Location : Basement								
Paint Peeling, Extent : Severe, Area Affected : 80%								
Location : Wood Columns								
Windows								
Wood	100%	Now	$21,200	2042	* *	5	$24,100	
Air Infiltration, Extent : Moderate, Area Affected : 75%								
Location : Window Air Conditioning Units								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement								
Roof								
Asphalt Shingle	100%	Now	$4,500	2037	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Lobby And Tailor Service								
Soffits								
Alum/Vinyl Siding	100%			2054	* *	10		
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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								
Floors								
Cast in Place Concrete	20%	Now	$10,400	LIFE	* *	5	$12,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Basement								
Ceramic Tile	5%			2037	* *	5	$1,400	
Sheet Vinyl/Rubber	10%	Now	$19,900	2034	$199,300	5	$2,100	
Seams Open/Split, Extent : Moderate, Area Affected : 10%								
Location : Lobby Entry								
Vinyl Tile	45%	Now	$37,900	2034	$378,700	3	$4,700	
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Basement, 1st Floor Office And Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Basement, Tailor Shop And 1st Floor								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Tailor Service Around Radiator								
Explanation : Substrate Rotted Out								
Vinyl Tile 9" X 9"	20%	Now	$48,700	2044	* *	3	$2,100	
Adhesion Failure, Extent : Severe, Area Affected : 50%								
Location : Basement								
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Basement								
Interior Walls								
Ceramic Tile	2%	Now	$500	2037	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms								
Gypsum Board	35%			LIFE	* *	5	$4,600	
Masonry: Brick	5%			LIFE	* *			
Plaster	45%			LIFE	* *	5	$2,900	
Wood	13%	Now	$8,800	LIFE	* *	5	$11,300	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Storage								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Lobby And Basement								
Explanation : Wainscot And Wall Paneling								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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								
Ceilings								
AcousTileSusp.Lay-In	40%			2039	* *	5	$11,100	
Embossed Metal	5%	Now	$16,100	LIFE	* *	5	$600	
Bent/Warped Elements, Extent : Light, Area Affected : 30%								
Location : Basement								
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Basement								
Gypsum Board	45%	Now	$12,000	LIFE	* *	5	$15,600	
Broken/Missing Elements, Extent : Light, Area Affected : 30%								
Location : Basement								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Plaster	10%	Now	$18,500	LIFE	* *	5	$1,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Basement								
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	Now	$400	2069	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 80%								
Location : Entry Ramp Wall								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	80%	4+	$2,300	2047	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Wood	20%			2032	$53,100	1-3	$2,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Porch								
Explanation : Composite Deck Material								
Parking/Driveway								
Asphalt	100%	Now	$91,000	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Parking Lot								
Potholes, Extent : Moderate, Area Affected : 5%								
Location : Parking 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	100%			2044	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG. # 333 QUARTERMASTER
Asset # : 13767

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%			2044	* *	5	$500	
Raceway								
Conduit	90%			2034	$4,400	1		
Conduit	10%			2044	* *	1		
Panelboards								
Molded Case Bkrs	80%			2033	$8,700	5	$400	
Molded Case Bkrs	20%			2042	* *	5	$100	
Wiring								
Thermoplastic	80%			2034	$7,900	1		
Thermoplastic	20%			2044	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$5,400	
Lighting								
Interior Lighting								
Fluorescent	40%			2034	$54,600	10	$6,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
Fluorescent	60%			2029	$81,900	10	$9,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : T-12 Lamps								
Egress Lighting								
Emergency, Battery	50%			2029	$16,200	10	$2,100	
Exit, Service	50%			2029	$3,300	1		
Exterior Lighting								
HID	10%			2029	$9,000	10		
Incandescent	10%			2029	$10,300	2		
No Component	80%							
Alarm								
Security System								
Generic	100%			2042	* *	1	$6,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%			2029	$49,700	1-3	$10,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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								
Energy Source								
Fuel Oil No 2	100%			2044	* *	5	$5,500	
Conversion Equipment								
Steam Boiler	100%			2051	* *	1	$17,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : One Oil Fired Steam Boiler								
Distribution								
Steam Piping/Pump	5%	0-2	$400	2034	$7,700			
Insul. Deteriorating, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Steam Piping/Pump	95%			2034	$146,700			
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	$5,700	
Controls								
Electrical	100%			2029	$107,200			
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	5%	0-2	$6,900	2044	* *			
Not in Service, Extent : Severe, Area Affected : 100%								
Location : Communication Equipment Room								
Window/Wall Unit	25%			2029	$18,300	1		
Window/Wall Unit	25%	Now	$18,300	2034	$18,300	1		
Malfunctioning, Extent : Severe, Area Affected : 60%								
Location : Various Locations								
Not Energy Efficient, Extent : Moderate, Area Affected : 100%								
Location : Various Locations								
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Various Locations								
No Component	45%							
Terminal Devices								
Fan Coil - 2 Pipe	5%			2029	$16,200	1	$300	
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2029	$1,500	2	$600	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$1,000	
No Component	90%							
Exhaust Fans								
Roof	10%			2029	$3,700	2	$100	
No Component	90%							

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

FIRE DEPARTMENT - 057
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
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Electric	100%			2032	$25,900	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 50 Gallon Unit								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **01-Jun-2023**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Floors 1,2,3**		
Block	: **5917** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$116,700	$122,400
Interior Architecture	$69,300	$133,400
Electrical		$395,100
Mechanical	$243,000	$263,700
Site Pavements	$54,700	
Total	**$483,700**	**$914,600**
Importance Code A	$116,700	$186,100
Importance Code B	$243,000	$728,500
Importance Code C	$124,000	
Total	**$483,700**	**$914,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$15,000			
Interior Architecture	$37,200			$614,000
Electrical	$7,800	$3,900	$4,000	$4,300
Mechanical	$4,600	$2,800	$32,500	$2,800
Site Pavements	$5,800			
Total	**$70,400**	**$6,700**	**$36,500**	**$621,200**
Importance Code A	$16,100	$1,200	$1,200	$1,200
Importance Code B	$45,300	$5,500	$35,300	$620,000
Importance Code C	$9,000			
Total	**$70,400**	**$6,700**	**$36,500**	**$621,200**

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. # 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	$3,800	LIFE	* *	5	$5,800	
Cracking/Crumbling, Extent : Severe, Area Affected : 1%								
Location : Boiler Room Entrance, Steps At Entry								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Laundry Room								
Cast Stone/Terra Cotta	2%			LIFE	* *	5	$9,100	
Masonry: Brick	96%			LIFE	* *	5	$56,000	
Windows								
Steel	2%	Now	$11,100	2042	* *	5	$1,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 2%								
Location : Basement								
Hardware Missing, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Caulking Deteriorated, Extent : Severe, Area Affected : 100%								
Location : Basement								
Wood	98%	0-2	$116,700	2050	* *	5	$66,300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 5%								
Location : 2nd And 3rd Floors								
Dry Rot/Decay, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Facades								
Explanation : Vinyl-clad Wood Windows								
Roof								
Not Accessible	100%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Parking Lot Side								
Explanation : Leader Disconnected								
Interior								
Floors								
Carpet	70%			2030	$598,000	3	$61,700	
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Throughout								
Cast in Place Concrete	10%	Now	$8,200	LIFE	* *	5	$9,600	
Water Penetration, Extent : Moderate, Area Affected : 60%								
Location : Basement, Washroom Area								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Basement Boiler Room								
Explanation : Ground Water Leaking In								
Mosaic Tile	10%			2047	* *	5	$11,000	
Vinyl Tile	10%	Now	$2,700	2034	$133,400	3	$1,700	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen								

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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
Interior								
Interior Walls								
Cast in Place Concrete	10%	Now	$69,300	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	15%			2037	* *	5	$6,200	
Concrete Masonry Unit	65%			LIFE	* *	5	$10,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Basement, Washroom Area								
Gypsum Board	10%			LIFE	* *	5	$2,500	
Ceilings								
AcousTileSusp.Lay-In	10%			2047	* *	5	$4,400	
Exposed Struc: Concrete	2%			LIFE	* *	5	$100	
Gypsum Board	88%			LIFE	* *	5	$48,500	
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2054	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$5,800	2047	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Walkways								
Parking/Driveway								
Asphalt	100%	Now	$54,700	2037	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Parking Lot								
Ponding, Extent : Light, Area Affected : 15%								
Location : Parking 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
Over 600 Volts								
Service Equipment								
Oil Fuse Cutout	100%			2034	$63,700	3	$100	
Transformers								
Dry Type	100%			2032	$185,600	3	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : 300 Kilovolt Amperes, 4,160 Volts Primary, 208/ 120 Volts Secondary								
Feeders								
Cable	100%			2033	$22,300	1		
Raceway								
Conduit	100%			2034	$53,700	1		
Under 600 Volts								

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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
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	* *	5	$100	
Raceway								
Conduit	100%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	$600	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2032	$37,700	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$7,300	
Generators								
Diesel	100%			2037	* *	1	$9,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 80 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,700	5	$900	
Fuel Storage								
Main Tank	100%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : 60 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	50%			2034	$92,100	10	$10,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Offices								
Explanation : T-8 Lamps								
LED	50%			2042	* *			
Egress Lighting								
Emergency, Service	50%			2034	$8,000	1		
Exit, Service	50%			2034	$4,400	1		
Exterior Lighting								
HID	10%			2034	$12,100	10		
LED	20%			2042	* *			
No Component	70%							

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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
Alarm								
Security System								
Generic	100%			2034	$48,800	1	$8,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : Intrusion Alarm System. Motion Sensors								
Fire/Smoke Detection								
Generic, Analog	100%			2039	* *	1-3	$15,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors 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								
Fuel Oil No 2	100%			2044	* *	5	$7,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Rear Of Building								
Explanation : Oil Tank Above Ground								
Conversion Equipment								
Hot Water Boiler	100%			2039	* *	1	$11,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	10%	0-2	$1,100	2042	* *	4	$100	
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Boiler Room								
Hot Wtr Piping/Pump	90%			2033	$51,200	4	$1,100	
Terminal Devices								
Convector/Radiator	100%			2032	$212,500	1	$7,700	
Controls								
Electrical	100%			2029	$144,500			
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2027	$98,500	1		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Electric	100%			2029	$25,900	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		

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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)								
Submersible	100%			2027	$800	4	$800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2054	* *	1-2	$6,600	

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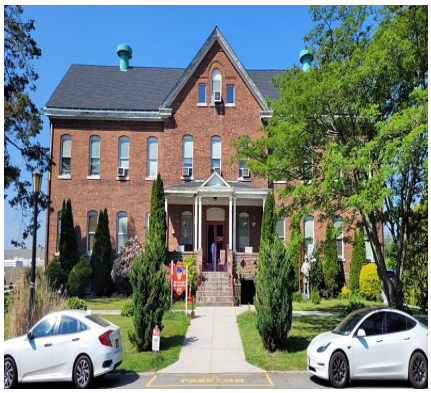
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **01-Jun-2023**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Att**		
Block	: **5917** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$230,800	
Interior Architecture		$1,000,800
Electrical	$132,700	$17,400
Mechanical	$215,300	$296,300
Site Pavements	$215,300	
Total	**$794,200**	**$1,314,500**
Importance Code A	$230,800	
Importance Code B	$348,100	$1,314,500
Importance Code C	$215,300	
Total	**$794,200**	**$1,314,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$20,800	$1,700		
Interior Architecture	$101,200		$4,100	$4,100
Electrical	$5,700	$3,700	$15,000	$4,100
Mechanical	$8,100	$3,600	$6,600	$3,600
Site Enclosure	$400			
Site Pavements	$6,600			
Total	**$142,700**	**$9,000**	**$25,700**	**$11,800**
Importance Code A	$23,000	$3,900	$2,300	$2,200
Importance Code B	$90,300	$5,100	$23,500	$9,600
Importance Code C	$29,400			
Total	**$142,700**	**$9,000**	**$25,700**	**$11,800**



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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								
Masonry: Brick	85%	Now	$89,500	LIFE	* *	5	$49,600	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Building Extension At Rear, Front Entrance Area								
Diagonal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Chimney, Side Entrances And Columns								
Expansion Joint Failure, Extent : Moderate, Area Affected : 5%								
Location : Connection To Addition								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Side Entrances								
Masonry: Granite	10%			LIFE	* *	5	$4,400	
Wood	5%	Now	$20,800	2039	* *	5	$7,300	1
Dry Rot/Decay, Extent : Severe, Area Affected : 100%								
Location : Wood Columns At Entry								
Paint Peeling, Extent : Severe, Area Affected : 90%								
Location : Roof Eaves, Soffits								
Split/Cracked, Extent : Severe, Area Affected : 70%								
Location : Roof Eaves, Soffits. Entry Columns								
Windows								
Aluminum	100%	Now	$141,300	2042	* *	5	$6,800	
Air Infiltration, Extent : Severe, Area Affected : 100%								
Location : North Side								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 1%								
Location : North Side								
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : North Side								
Roof								
Asphalt Shingle	90%			2043	* *	10	$3,000	
Roll Roofing	10%			2033	$14,400	5	$3,400	
Soffits								
Plywood/Hardboard	40%			2054	* *	1		
Stucco Cement	60%			2039	* *	5		
Interior								

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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								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$9,600	
Mosaic Tile	5%	4+	$4,500	2039	* *	5	$2,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Toilet Room								
Vinyl Tile	75%	2-4	$20,000	2034	$1,000,800	3	$12,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor								
Wood	6%			2049	* *	5	$5,000	
Wood	4%			2069	* *	5	$3,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Attic Lounge								
Explanation : Engineered Wood Plank								
Interior Walls								
Ceramic Tile	3%			2037	* *	5	$1,200	
Concrete Masonry Unit	3%			LIFE	* *	5	$500	
Gypsum Board	21%	Now	$6,700	LIFE	* *	5	$5,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Telecom Room								
Masonry: Brick	3%			LIFE	* *			
Plaster	70%	Now	$15,500	LIFE	* *	5	$8,700	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Stairways And 2nd Floor								
Ceilings								
AcousTile,Adhered	10%	Now	$3,100	2039	* *	5	$2,200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Second Floor								
AcousTileSusp.Lay-In	30%			2047	* *	5	$13,200	
Plaster	60%	Now	$44,100	LIFE	* *	5	$16,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Classrooms								
Site Enclosure								
Retaining Walls								
Masonry: Brick	100%	Now	$400	2044	* *			
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Front Of Building								
Site Pavements								
On-Site Walkways								
Asphalt	25%			2037	* *			
Cast in Place Concrete	75%	Now	$6,600	2047	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Front Entrance Walkways And Steps, Property Sidewalks								

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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
Site Pavements								
Parking/Driveway								
Asphalt	100%	Now	$215,300	2049	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 100%								
Location : Parking 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%			2044	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Transformers								
Dry Type	100%			2039	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : 112.5 Kilovolt Amperes, 208 Volts Primary, 120 Volts Secondary								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	* *	5	$600	
Raceway								
Conduit	30%			2044	* *	1		
Conduit	70%			2034	$3,400	1		
Panelboards								
Fused Disc Sw	20%			2033	$4,400	5	$100	
Molded Case Bkrs	80%			2042	* *	5	$500	
Wiring								
Thermoplastic	70%			2044	* *	1		
Thermoplastic	30%			2034	$3,000	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	* *	1	$6,900	
Generators								
Diesel	100%			2037	* *	1	$8,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 80 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,700	5	$800	

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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								
Fuel Storage								
Main Tank	100%			2049	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : 45 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	40%			2029	$69,500	10	$8,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Offices								
Explanation : T-12 Lamps								
Fluorescent	10%			2034	$17,400	10	$2,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Hallways								
Explanation : T-8 Lamps								
LED	50%			2042	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$2,700	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
LED	30%			2042	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2039	* *	1	$8,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Analog	100%	Now	$63,300	2044	* *	1-3	$12,500	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Fire Alarm System Is Not Functional								

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	$6,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2,000 Gallon Tank								

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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
Heating								
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$22,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2044	* *			
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	$7,200	
Controls								
Electrical	100%			2029	$136,300			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : There Is Only One Thermostat, No Zoning Temperature Control Causing Temperature Issue In Some Areas In The Building.								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	15%			2034	$87,400			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units, 2nd Floor Training Room								
Window/Wall Unit	85%			2029	$79,000	1		
Terminal Devices								
Fan Coil - 2 Pipe	15%			2034	$112,200	1	$1,100	
No Component	85%							
Heat Rejection								
Dry Cooler	15%			2034	$16,900	2	$2,300	
No Component	85%							
Plumbing								
H/C Water Piping								
Brass/Copper	15%	0-2	$900	2044	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Brass/Copper	85%			2044	* *	1		
Water Heater With Tanks								
Oil Fired	100%			2032	$96,700	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : One 70 Gallon Unit								
Sanitary Piping								
Cast Iron	50%	Now	$3,100	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 5%								
Location : Front, Rear Entrances And Basement Mens Bathroom								
Cast Iron	50%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$800	4	$700	

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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
Plumbing								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	90%							
Generic	10%			2034	$33,900	1-2	$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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **10-May-2023**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Att**		
Block	: **5917** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$44,800
Mechanical	$112,000	$44,300
Site Pavements		$245,100
Total	**$112,000**	**$334,100**
Importance Code B	$112,000	$89,100
Importance Code C		$245,100
Total	**$112,000**	**$334,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$5,300		$7,000	
Interior Architecture	$26,700			$600
Electrical			$6,400	$100
Mechanical	$2,100	$1,200	$24,000	$1,200
Site Pavements	$4,300	$400	$2,700	$400
Total	**$38,500**	**$1,600**	**$40,000**	**$2,400**
Importance Code A	$6,100	$700	$7,700	$700
Importance Code B	$24,400	$500	$29,600	$1,300
Importance Code C	$8,000	$400	$2,700	$400
Total	**$38,500**	**$1,600**	**$40,000**	**$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

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	80%			LIFE	* *	5	$10,300	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : 415a Front Door								
Masonry: Granite	5%			LIFE	* *	5	$500	
Wood	15%			2047	* *	5	$9,600	
Windows								
Vinyl-Clad Wood	100%			2047	* *	5	$300	
Roof								
Modified Bitumen	25%			2039	* *	10	$7,000	
Slate	75%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Explanation : Synthetic Slate Roof								
Soffits								
Wood	100%			2047	* *	5	$800	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$6,500	
Ceramic Tile	3%			2047	* *	5	$400	
Ceramic Tile	2%			2037	* *	5	$300	
Vinyl Tile	25%			2039	* *	3	$1,900	
Vinyl Tile	10%	Now	$900	2034	$44,800	3	$600	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout Side 415 B								
Wood	40%	0-2	$19,300	2062	* *	5	$5,600	
Deteriorated Finish, Extent : Severe, Area Affected : 40%								
Location : 415 B								
Interior Walls								
Ceramic Tile	3%			2047	* *	5	$400	
Ceramic Tile	2%	Now	$400	2037	* *	5	$100	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : 1st Floor Bathroom 415 B								
Gypsum Board	45%			LIFE	* *	5	$3,900	
Masonry: Brick	5%			LIFE	* *			
Metal Panel	5%			LIFE	* *			
Plaster	40%	2-4	$3,100	LIFE	* *	5	$1,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout 415 B								
Ceilings								
AcousTileSusp.Lay-In	45%			2051	* *	5	$6,700	
Embossed Metal	15%			LIFE	* *	5	$1,000	
Exposed Struc: Wood	20%			LIFE	* *			
Plaster	20%	2-4	$2,000	LIFE	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 415 B								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	40%	Now	$1,800	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Walkways								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Front Entry Walkway								
Wood	60%			2032	$245,100	1-3	$10,600	
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$2,100	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Rear Parking 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	100%			2054	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Main Service Disconnect Switches Rated At 100 Amperes Each.								
Raceway								
Conduit	50%			2034	$2,400	1		
Conduit	50%			2054	* *	1		
Panelboards								
Molded Case Bkrs	100%			2050	* *	5	$300	
Wiring								
Thermoplastic	100%			2054	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	10%			2039	* *	10	$900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st , 2nd Floor								
Explanation : Compact Fluorescent Lights								
Fluorescent	60%			2039	* *	10	$5,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	30%			2039	* *			
Exterior Lighting								
HID	20%			2039	* *	10		
No Component	80%							

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

FIRE DEPARTMENT - 057

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
Heating								
Energy Source								
Fuel Oil No 2	100%			2054	* *	5	$3,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : A And B Side. Basement								
Explanation : 2 Tanks In Each Side.								
Conversion Equipment								
Hot Water Boiler	50%			2047	* *	1	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : A Side Basement								
Explanation : 1 Unit								
Steam Boiler	50%			2047	* *	1	$4,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : B Side Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	50%	0-2	$200	2050	* *	4	$200	
Insul. Deteriorating, Extent : Moderate, Area Affected : 60%								
Location : A Side Basement								
Steam Piping/Pump	50%			2034	$43,400			
Terminal Devices								
Convector/Radiator	50%			2047	* *	1	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : A Side Throughout								
Explanation : Radiators								
Convector/Radiator	50%			2032	$44,300	1	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : B Side Throughout								
Explanation : Radiators								
Controls								
Electrical	100%			2029	$60,200			
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Split Unit	50%			2039	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 4 Units In A Side.								
Window/Wall Unit	50%			2029	$20,500	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout B Side.								
Explanation : Multiple Units								
Terminal Devices								
Fan Coil - 2 Pipe	50%			2039	* *	1	$1,600	
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. # 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								
Heat Rejection								
Dry Cooler	50%			2039	* *	2	$3,400	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2060	* *	1		
Brass/Copper	50%			2044	* *	1		
Water Heater With Tanks								
Electric	100%			2029	$51,800	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : A And B Side Baement								
Explanation : One 40 Gallon Unit In Each Side								
Sanitary Piping								
Cast Iron	50%			LIFE	* *	1		
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : A Side								
Cast Iron	50%			LIFE	* *	1		
Fixtures								
Generic	50%							
Other Observation, Extent : N/A, Area Affected : 100%								
Location : A Side								
Explanation : New Renovated								
Generic	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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FORT TOTTEN - BLDG.# 134 A AND B 1B MEDICAL BOARD**		
Address	: **134 SGT. BEERS AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0020.134 / 13741**	**Yr Built/Renovated**	: **1938 /**
Area Sq Ft	: **4,339**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **11-May-2023**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5917** **Lot** : **1**	**BIN**	:

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$97,800			
Interior Architecture	$44,900	$100		
Electrical			$11,100	$100
Mechanical	$900	$400	$1,000	$500
Site Pavements	$11,000			
Total	**$154,500**	**$400**	**$12,100**	**$600**
Importance Code A	$98,000	$200	$200	$200
Importance Code B	$40,400	$100	$11,900	$300
Importance Code C	$16,100	$100		
Total	**$154,500**	**$400**	**$12,100**	**$600**

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 134 A AND B 1B MEDICAL BOARD

Asset # : 13741

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	$27,600	LIFE	* *	5	$7,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Exterior Stairs And Railing								
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Exterior Stairs								
Masonry: Brick	70%	Now	$44,300	LIFE	* *	5	$9,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Front And Side Elevations								
Pre-cast Concrete	5%			LIFE	* *	5	$2,300	
Wood	15%	Now	$20,000	2039	* *	5	$5,300	1
Deteriorated Finish, Extent : Severe, Area Affected : 40%								
Location : Eaves, Soffits, Gables								
Dry Rot/Decay, Extent : Severe, Area Affected : 20%								
Location : Fascia Boards								
Paint Peeling, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Windows								
Vinyl-Clad Wood	100%			2047	* *	5	$5,400	
Roof								
Copper/Terne	20%	Now	$3,200	2062	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Roof Surface								
Explanation : Flashing Misaligned And Deteriorated.								
Slate	80%			LIFE	* *			
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$1,300	
Ceramic Tile	5%	Now	$400	2043	* *	5	$100	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor Bathroom								
Vinyl Tile	5%			2039	* *	3	$100	
Wood	80%	2-4	$30,700	2062	* *	5	$4,400	
Deteriorated Finish, Extent : Light, Area Affected : 50%								
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

FORT TOTTEN - BLDG.# 134 A AND B 1B MEDICAL BOARD

Asset # : 13741

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%			2043	* *	5	$200	
Gypsum Board	40%			LIFE	* *	5	$800	
Masonry: Brick	10%	Now	$3,300	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 60%								
Location : Basement								
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Plaster	45%	Now	$1,900	LIFE	* *	5	$400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 2%								
Location : Basement Stairwell								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rear Porch								
Ceilings								
AcousTileSusp.Lay-In	15%			2047	* *	5	$900	
Plaster	85%	Now	$8,300	LIFE	* *	5	$3,100	
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : 1st Floor Entry At Waiting Area, Office In Section B								
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2054	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$11,000	2047	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 4%								
Location : Walkways To Entrances, Stairs In The Rear								

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		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Main Service Disconnect Switches Rated At 100 Amperes Each.								
Raceway								
Conduit	90%			2054	* *	1		
Conduit	10%			2034	$500	1		
Panelboards								
Molded Case Bkrs	100%			2050	* *	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.# 134 A AND B 1B MEDICAL BOARD

Asset # : 13741

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	80%			2054	* *	1		
Thermoplastic	20%			2034	$2,000	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2039	* *	10	$4,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$500	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	30%			2029	$6,700	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								
Fuel Oil No 2	100%			2054	* *	5	$1,300	
Conversion Equipment								
Hot Water Boiler	50%			2039	* *	1	$1,100	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : A Side Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : A Side Basement								
Explanation : 1 Unit								
Hot Water Boiler	50%			2039	* *	1	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : B Side Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2042	* *	4	$200	
Terminal Devices								
Convector/Radiator	100%			2051	* *	1	$1,400	
Controls								
Electrical	100%			2032	$26,400			
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.# 134 A AND B 1B MEDICAL BOARD

Asset # : 13741

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%			2032	$18,000	1		
Plumbing								
H/C Water Piping								
Brass/Copper	10%	0-2	$300	2054	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 50%								
Location : A Side Basement								
Brass/Copper	90%			2054	* *	1		
Water Heater With Tanks								
Electric	50%			2032	$13,000	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : B Side Basement								
Explanation : One 30 Gallon Unit								
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Domestic Coil In Boiler								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$100	4	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1 Unit In Each Side Basement								
Explanation : 2 Units								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FORT TOTTEN - BLDG.# 316 A AND B COMMUNICATIONS**		
Address	: **316 SGT. BEERS AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0020.316 / 13759**	**Yr Built/Renovated**	: **1933 /**
Area Sq Ft	: **4,287**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **11-May-2023**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5917** **Lot** : **1**	**BIN**	:

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$21,600		$800	$2,900
Interior Architecture	$27,100	$100	$11,100	
Electrical	$200	$200	$6,500	$200
Mechanical	$1,700	$400	$39,600	$500
Site Pavements	$2,600			
Total	**$53,100**	**$600**	**$58,000**	**$3,500**
Importance Code A	$21,900	$200	$1,000	$3,100
Importance Code B	$16,700	$400	$56,900	$500
Importance Code C	$14,600			
Total	**$53,100**	**$600**	**$58,000**	**$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

FORT TOTTEN - BLDG.# 316 A AND B COMMUNICATIONS

Asset # : 13759

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								
Cement - Fiber Panel	15%	Now	$300	2034	$17,300			
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Paint Peeling								
Masonry: Brick	75%	Now	$19,600	LIFE	* *	5	$4,400	
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Basement Walls A Side								
Wood	10%	Now	$1,400	2039	* *	5	$1,500	
Deteriorated Finish, Extent : Severe, Area Affected : 70%								
Location : Fascia Board								
Paint Peeling, Extent : Severe, Area Affected : 100%								
Location : Fascia Board And Frieze								
Windows								
Metal Louvers	5%			2037	* *	10	$200	
Vinyl-Clad Wood	95%			2039	* *	5	$600	
Roof								
Asphalt Shingle	85%			2043	* *	10	$600	
Copper/Terne	5%			2049	* *	10	$500	
Roll Roofing	10%	Now	$100	2030	$2,900	5	$300	
Blisters, Extent : Light, Area Affected : 10%								
Location : A Side Lower Roof								
Interior								
Floors								
Cast in Place Concrete	25%	Now	$7,300	LIFE	* *	5	$3,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Basement Floor								
Mosaic Tile	5%			2047	* *	5	$800	
Vinyl Tile	8%			2034	$15,300	3	$200	
Vinyl Tile 9" X 9"	2%			2029	$11,000	3		
Worn/Erode, Extent : Moderate, Area Affected : 5%								
Location : Rear Entry Foyer								
Wood	60%			2062	* *	5	$7,100	
Interior Walls								
Ceramic Tile	5%	Now	$2,700	2037	* *	5	$200	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms B Side								
Masonry: Brick	10%	Now	$9,300	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Basement A Side								
Plaster	85%			LIFE	* *	5	$2,300	

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 316 A AND B COMMUNICATIONS

Asset # : 13759

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 Struc: Wood	10%			LIFE	* *			
Plaster	90%	2-4	$3,800	LIFE	* *	5	$3,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Conference Room								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$2,600	2039	* *			
Misaligned/Bulging, Extent : Severe, Area Affected : 5%								
Location : Front Walkway By Tree								

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		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Two Main Service Disconnect Switches Rated At 100 Amperes Each.								
Raceway								
Conduit	100%			2054	* *	1		
Panelboards								
Molded Case Bkrs	100%			2050	* *	5	$100	
Wiring								
Thermoplastic	100%			2054	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	98%			2039	* *	10	$3,900	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	2%			2039	* *			
Exterior Lighting								
Incandescent	10%			2029	$2,500	2		
No Component	90%							
Alarm								
Security System								
Generic	100%			2039	* *	1	$1,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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

FIRE DEPARTMENT - 057
FORT TOTTEN - BLDG.# 316 A AND B COMMUNICATIONS
Asset # : 13759

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%			2054	* *	5	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : B Side Basement								
Explanation : 2 Tanks								
Conversion Equipment								
Hot Water Boiler	100%			2039	* *	1	$2,100	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : B Side Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : B Side Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	100%			2042	* *	4	$200	
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	$1,400	
Controls								
Electrical	100%			2029	$26,100			
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Window/Wall Unit	70%			2029	$12,500	1		
No Component	30%							
Plumbing								
H/C Water Piping								
Brass/Copper	10%	0-2	$600	2044	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 60%								
Location : Basement								
Brass/Copper	90%			2044	* *	1		
Sanitary Piping								
Cast Iron	90%			LIFE	* *	1		
Cast Iron	10%	Now	$600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : B Side 2nd Floor Bathroom								
Sump Pump(s)								
Submersible	100%			2027	$100	4	$100	
Fixtures								
Generic	100%							

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

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FORT TOTTEN - BLDG.# 400 A AND B FIRE PREVENTION DISTRICT OFFICE**		
Address	: **400 MURRAY AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0020.400 / 13771**	**Yr Built/Renovated**	: **1906 /**
Area Sq Ft	: **10,935**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **20-Apr-2023**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Att**		
Block	: **5917** **Lot** : **1**	**BIN**	: **4453917**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical		$72,100
Site Enclosure	$122,200	$407,300
Site Pavements	$170,500	$426,300
Total	**$292,700**	**$905,700**
Importance Code B		$72,100
Importance Code C	$292,700	$833,600
Total	**$292,700**	**$905,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$40,000			
Interior Architecture	$28,000		$7,300	$300
Electrical	$2,000		$7,700	$100
Mechanical	$11,000	$1,400	$38,800	$2,000
Site Pavements		$600	$600	$4,600
Total	**$81,000**	**$2,100**	**$54,400**	**$7,100**
Importance Code A	$41,100	$1,100	$1,100	$1,100
Importance Code B	$37,000	$400	$52,600	$1,300
Importance Code C	$2,900	$600	$600	$4,600
Total	**$81,000**	**$2,100**	**$54,400**	**$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.# 400 A AND 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	80%			LIFE	* *	5	$15,100	
Granite Panels	10%			LIFE	* *	5	$1,400	
Wood	10%	Now	$22,400	2047	* *	5	$4,700	
Dry Rot/Decay, Extent : Severe, Area Affected : 60%								
Location : Wood Fascia, Wood Columns, Porch Entablature								
Paint Peeling, Extent : Severe, Area Affected : 100%								
Location : Wood Columns, Wood Fascia								
Worn/Erode, Extent : Severe, Area Affected : 60%								
Location : Roof Eaves, Cornice Entablature								
Windows								
Wood	100%	Now	$9,900	2050	* *	5	$11,200	1
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Dry Rot/Decay, Extent : Severe, Area Affected : 80%								
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								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Roof								
Asphalt Shingle	100%	Now	$7,700	2043	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Roof Valley Flashing And Around Chimney Flashing								
Soffits								
Wood	100%			2039	* *	5		
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$10,200	
Ceramic Tile	5%	Now	$1,000	2043	* *	5	$400	
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Throughout								
Vinyl Tile	15%	Now	$7,100	2039	* *	3	$900	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen And Various Offices								
Worn/Erode, Extent : Severe, Area Affected : 30%								
Location : Corridors, Kitchen								
Wood	50%			2049	* *	5	$14,600	
Worn/Erode, Extent : Severe, Area Affected : 70%								
Location : 3rd Floor Attic Space, 2nd Floor Offices								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 400 A AND B FIRE PREVENTION DISTRICT OFFICE

Asset # : 13771

Architecture	Current Repair			Future Replacement		Maintenance		
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	$200	2043	* *	5	$100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Bathrooms								
Masonry: Brick	10%			LIFE	* *			
Granite Panels	10%			LIFE	* *			
Plaster	75%	Now	$2,700	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor Corridor Walls								
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Basement Gymnasium Room								
Wood	2%			LIFE	* *	5	$500	
Ceilings								
Embossed Metal	34%			LIFE	* *	5	$2,400	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Kitchen								
Plaster	66%	Now	$17,100	LIFE	* *	5	$6,400	
Paint Peeling, Extent : Moderate, Area Affected : 15%								
Location : Rooms 20, 21 And Stairway Ceiling								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor Rooms 20 And 21								
Site Enclosure								
Fence/Gates								
Wood	100%	Now	$122,200	2035	$407,300			
Dry Rot/Decay, Extent : Severe, Area Affected : 100%								
Location : Entrance								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entrance								
Explanation : Railing Of Entry Porch								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	60%			2039	* *			
Wood	40%	Now	$170,500	2032	$426,300	1-3	$17,800	
Rotting/Splitting, Extent : Severe, Area Affected : 100%								
Location : Front Entry Porch Floor								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Wood Porch Floor								
Explanation : Paint Peeling								

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

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 400 A AND B FIRE PREVENTION DISTRICT OFFICE

Asset # : 13771

Electrical	Current Repair			Future Replacement		Maintenance		
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		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 100 Ampere Main Disconnect Switches For Section A And B One 60 Ampere For Car Charger								
Raceway								
Conduit	70%			2034	$3,400	1		
Conduit	30%			2054	* *	1		
Panelboards								
Fused Disc Sw	5%			2033	$500	5		
Molded Case Bkrs	95%			2050	* *	5	$300	
Wiring								
Braided Cloth	20%	2-4	$2,000	2059	* *	1		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	30%			2034	$3,000	1		
Thermoplastic	50%			2044	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
Fluorescent	85%			2034	$72,100	10	$8,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	10%			2029	$7,700	2		
LED	5%			2042	* *			
Exterior Lighting								
HID	20%			2039	* *	10		
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2054	* *	5	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 275 Gallon Tanks Each Side								
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$10,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Boiler Each Side								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 400 A AND B FIRE PREVENTION DISTRICT OFFICE

Asset # : 13771

Mechanical	Current Repair			Future Replacement		Maintenance		
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%	0-2	$9,600	2044	* *			
Insul. Deteriorating, Extent : Moderate, Area Affected : 10%								
Location : Various Locations. Deteriorating Insulation On Steam Piping								
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : A Side Basement File Room								
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	$3,500	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2029	$22,700	1		
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Electric	50%			2029	$13,000	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : A Side Basement								
Explanation : 1 Unit								
No Component	50%							
HW Heat Exchanger								
Steam Fired	100%			2054	* *	4	$1,100	
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		
Fixtures								
Generic	100%							

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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FORT TOTTEN - BLDG.# 401 A AND B FIRE/LIFE SAFETY EDUCATION BLDG.**		
Address	: **401 MURRAY AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0020.401 / 13769**	**Yr Built/Renovated**	: **1906 / 2004**
Area Sq Ft	: **12,041**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **20-Apr-2023**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Att**		
Block	: **5917** **Lot** : **1**	**BIN**	: **4453921**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical	$96,700	$479,500
Site Pavements		$92,700
Total	**$96,700**	**$572,200**
Importance Code B	$96,700	$479,500
Importance Code C		$92,700
Total	**$96,700**	**$572,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$41,500			$15,000
Interior Architecture	$30,000	$1,000		$100
Electrical	$200		$3,200	
Mechanical	$24,000	$2,100	$48,400	$1,600
Site Pavements	$5,700	$100	$1,000	$100
Total	**$101,400**	**$3,300**	**$52,600**	**$16,800**
Importance Code A	$65,100	$1,200	$1,200	$16,200
Importance Code B	$26,600	$1,800	$50,400	$500
Importance Code C	$9,700	$300	$1,000	$100
Total	**$101,400**	**$3,300**	**$52,600**	**$16,800**

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.# 401 A AND 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	$16,900	
Granite Panels	25%			LIFE	* *	5	$4,500	
Wood	5%	0-2	$17,200	2047	* *	5	$3,000	
Deteriorated Finish, Extent : Severe, Area Affected : 30%								
Location : Porch Columns And Rails								
Paint Peeling, Extent : Moderate, Area Affected : 30%								
Location : Porch Entablature, Porch Balustrade								
Windows								
Wood	100%			2050	* *	5	$30,000	
Air Infiltration, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Captains Office A Side								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Facades								
Explanation : Vinyl Clad Wood Windows								
Roof								
Asphalt Shingle	100%	Now	$22,400	2043	* *			
Miss/Damaged Flashings, Extent : Severe, Area Affected : 15%								
Location : Roof Valley Flashing And Chimney Flashing								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Roof Valley Flashing And Chimney Flashing, Throughout 3rd Floor								
Soffits								
Wood	100%	Now	$1,900	2047	* *	5	$4,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Porch Ceiling A Side								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$3,800	
Ceramic Tile	10%			2043	* *	5	$1,700	
Vinyl Tile	5%	Now	$500	2039	* *	3	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Wood	40%	Now	$9,100	2062	* *	5	$6,500	
Deteriorated Finish, Extent : Light, Area Affected : 40%								
Location : Throughout								
Wood	35%			2062	* *	5	$11,400	
Interior Walls								
Ceramic Tile	2%			2043	* *	5	$300	
Gypsum Board	25%			LIFE	* *	5	$2,500	
Granite Panels	28%			LIFE	* *			
Plaster	45%	2-4	$3,900	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
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

FORT TOTTEN - BLDG.# 401 A AND 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
Interior								
Ceilings								
Exposed Struc: Wood	5%			LIFE	* *			
Plaster	95%	Now	$10,800	LIFE	* *	5	$10,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Basement And Near Chimney Locations Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Ceiling Over Training Area								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Ceiling Over Training Area, Offices Throughout								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	40%	Now	$1,300	2047	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Entry Walkway And Perimeter Walks								
Wood	60%			2032	$92,700	1-3	$4,000	
Parking/Driveway								
Asphalt	100%	0-2	$4,300	2043	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Parking 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%			2044	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Main Service Disconnect Switches Rated At 100 Amperes Each								
Raceway								
Conduit	75%			2034	$3,600	1		
Conduit	25%			2044	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	$300	
Wiring								
Thermoplastic	75%			2034	$7,400	1		
Thermoplastic	25%			2044	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 401 A AND B FIRE/LIFE SAFETY EDUCATION BLDG.

Asset # : 13769

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	47%			2034	$43,900	10	$5,200	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	3%			2029	$2,800	10	$300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
LED	50%			2042	* *			
Exterior Lighting								
HID	20%			2034	$12,300	10		
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2054	* *	5	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : A And B Side, Basement								
Explanation : 2 Tanks Each Side								
Conversion Equipment								
Steam Boiler	50%	2-4	$23,000	2047	* *	1	$5,400	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Boiler Control, B Side Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Both Units, A And B Side Basement								
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Both A And B Side Basement								
Explanation : 1 Old Unit Each Side								
Steam Boiler	50%			2047	* *	1	$6,000	
Distribution								
Steam Piping/Pump	100%			2034	$105,600			
Terminal Devices								
Convector/Radiator	100%			2032	$107,800	1	$3,900	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	90%			2029	$45,000	1		
No Component	10%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	$169,400	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.# 401 A AND 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
Plumbing								
Water Heater With Tanks								
Oil Fired	50%			2032	$96,700	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : B Side Basement								
Explanation : 1 Unit. 67 Gallons								
Oil Fired	50%			2027	$96,700	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : A Side Basement								
Explanation : 1 Unit. 67 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2028	$400	4	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : A And B Side Basement								
Explanation : 1 Unit On 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FORT TOTTEN - BLDG.# 402 A AND B FIRE MARSHALS**		
Address	: **402 MURRAY AVENUE**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0020.402 / 13770**	**Yr Built/Renovated**	: **1906 /**
Area Sq Ft	: **12,041**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **20-Apr-2023**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5917** **Lot** : **1**	**BIN**	: **4453923**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$154,400	
Electrical		$84,100
Mechanical	$51,800	
Site Pavements		$92,700
Total	**$206,100**	**$176,700**
Importance Code A	$154,400	
Importance Code B	$51,800	$84,100
Importance Code C		$92,700
Total	**$206,100**	**$176,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$8,600	$1,100		$15,000
Interior Architecture	$25,400	$700		
Electrical	$500	$500	$3,600	$600
Mechanical	$6,600	$1,600	$51,500	$3,400
Site Pavements	$41,200	$100	$100	$1,000
Total	**$82,200**	**$3,900**	**$55,200**	**$20,100**
Importance Code A	$9,800	$2,200	$1,200	$16,200
Importance Code B	$27,500	$1,500	$53,900	$2,900
Importance Code C	$44,900	$100	$100	$1,000
Total	**$82,200**	**$3,900**	**$55,200**	**$20,100**

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.# 402 A AND B FIRE MARSHALS

Asset # : 13770

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	80%	Now	$87,100	LIFE	* *	5	$19,300	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 40%								
Location : Facades								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Through Facade								
Granite Panels	15%			LIFE	* *	5	$2,700	
Wood	5%	Now	$8,600	2047	* *	5	$3,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 15%								
Location : Porch Entablature, Railings And Columns, Facade Fascia Boards								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Porch Entablature, Railings And Columns								
Windows								
Wood	100%			2050	* *	5	$30,000	
Air Infiltration, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor And 2nd Floor Offices								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Facades								
Explanation : Vinyl Clad Wood Windows								
Roof								
Asphalt Shingle	90%	Now	$67,300	2049	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Roof Valley Flashing And Chimney Base Flashing								
Worn/Erode, Extent : Severe, Area Affected : 5%								
Location : Roof								
Roll Roofing	10%			2033	$9,000	5	$2,100	
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	* *	5	$11,400	
Ceramic Tile	8%			2043	* *	5	$1,400	
Vinyl Tile	2%			2039	* *	3	$200	
Wood	60%			2062	* *	5	$19,500	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2047	* *	5	$800	
Gypsum Board	25%			LIFE	* *	5	$2,500	
Masonry: Brick	18%			LIFE	* *			
Granite Panels	25%			LIFE	* *			
Plaster	15%	Now	$3,300	LIFE	* *	5	$700	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Kitchen, Basement								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 3rd Floor And Down The Chimney Chase Walls								
Wood	2%			LIFE	* *	5	$1,300	

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 402 A AND B FIRE MARSHALS

Asset # : 13770

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	6%			2047	* *	5	$1,000	
Embossed Metal	25%			LIFE	* *	5	$1,900	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout 1st Floor								
Gypsum Board	29%			LIFE	* *	5	$6,200	
Plaster	40%	Now	$11,400	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : 2nd Floor Conference Room And Kitchen								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Water Damage In 1st Floor Office And Third Floor By Chimney Chase Walls								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	40%	Now	$2,700	2047	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Walkways And Stairs								
Wood	60%	0-2	$4,600	2032	$92,700	1-3	$3,900	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Porch Floor								
Explanation : Deteriorated Finish								
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$33,900	2047	* *			
Cracking/Crumbling, Extent : Moderate, 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	100%			2054	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Main Service Disconnect Switches Rated At 100 Amperes Each.								
Raceway								
Conduit	65%			2044	* *	1		
Conduit	35%			2054	* *	1		
Panelboards								
Molded Case Bkrs	100%			2050	* *	5	$300	
Wiring								
Thermoplastic	65%			2044	* *	1		
Thermoplastic	35%			2054	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 402 A AND B FIRE MARSHALS

Asset # : 13770

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2034	$84,100	10	$9,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	10%			2042	* *			
Egress Lighting								
Emergency, Battery	50%			2034	$11,100	10	$1,500	
Exit, Battery	50%			2034	$7,600	10	$400	
Exterior Lighting								
HID	5%			2029	$3,100	10		
LED	15%			2042	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2042	* *	1	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Only								
Explanation : Cameras Security 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 2	100%			2060	* *	5	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : A And B Side Basement								
Explanation : 2 Tanks Each Side								
Conversion Equipment								
Steam Boiler	100%			2051	* *	1	$11,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : A And B Side Basement								
Explanation : 1 Boiler On Each Side								
Distribution								
Steam Piping/Pump	100%			2044	* *			
Terminal Devices								
Convector/Radiator	100%	0-2	$5,400	2039	* *	1	$3,500	
Leak Evident, Extent : Moderate, Area Affected : 19%								
Location : 3rd Floor								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2029	$50,000	1		
Plumbing								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 402 A AND 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
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Electric	100%			2029	$51,800	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : A And B Side Basement								
Explanation : 1 Unit For Each Side. Bigger Hot Water Tank Recommended								
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: FORT TOTTEN - BLDG.# 409 A AND B EMS ADMIN, RESEARCH AND DEVELOP.		
Address	: 409 SHORE ROAD		
Borough	: QUEENS	**Agency's Number**	: N/A
Program / Asset #	: FIR0020.409 / 13774	**Yr Built/Renovated**	: 1906 /
Area Sq Ft	: 13,728	**Project Type**	: FIRE DEPARTMENT
Date of Survey	: 25-Apr-2023	**Landmark Status**	: HISTORICAL LANDMARK DISTRICT
Areas Surveyed	: Basement, Roof, Floors 1,2,3		
Block	: 5917 **Lot** : 1	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$56,900	
Electrical		$112,100
Mechanical	$57,000	
Site Pavements	$361,100	
Total	**$474,900**	**$112,100**
Importance Code A	$56,900	
Importance Code B	$57,000	$112,100
Importance Code C	$361,100	
Total	**$474,900**	**$112,100**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$9,600			$51,000
Interior Architecture	$97,800	$100	$500	
Electrical	$500	$500	$500	$700
Mechanical	$22,400	$1,800	$3,900	$2,500
Site Enclosure	$100			
Site Pavements	$22,000	$500	$500	$3,900
Total	**$152,400**	**$3,000**	**$5,500**	**$58,100**
Importance Code A	$12,200	$1,400	$1,400	$52,500
Importance Code B	$96,100	$1,100	$3,600	$1,600
Importance Code C	$44,100	$500	$500	$3,900
Total	**$152,400**	**$3,000**	**$5,500**	**$58,100**

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.# 409 A AND B EMS ADMIN, RESEARCH AND DEVELOP.

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	$20,200	
Masonry: Granite	10%			LIFE	* *	5	$2,000	
Wood	15%	Now	$9,600	2039	* *	5	$10,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 1%								
Location : Wood Screen At Rear Porch 409b								
Dry Rot/Decay, Extent : Severe, Area Affected : 10%								
Location : Porch Cornice Entablature And Columns B Section								
Paint Peeling, Extent : Severe, Area Affected : 15%								
Location : Porches And Eave Located At Rear Facade B Section								
Windows								
Wood	100%			2050	* *	5	$80,000	
Air Infiltration, Extent : Severe, Area Affected : 10%								
Location : Throughout B Section								
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : B Section Kitchen 1st Floor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Facades								
Explanation : Vinyl Clad Wood Windows								
Roof								
Roll Roofing	10%			2030	$9,800	5	$2,300	
Slate	90%	Now	$56,900	LIFE	* *			1
Miss/Damaged Flashings, Extent : Severe, Area Affected : 100%								
Location : Roof Valley Flashing And Chimney Base Flashing								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Roof Valley Flashing And Chimney Base Flashing								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement Section B								
Mosaic Tile	2%			2039	* *	5	$1,000	
Vinyl Tile	2%			2034	$12,400	3	$200	
Vinyl Tile 9" X 9"	2%			2034	$36,000	3	$200	
Wood	89%	Now	$23,900	2049	* *	5	$17,100	
Deteriorated Finish, Extent : Moderate, Area Affected : 10%								
Location : First Floor								
Split/Cracked, Extent : Moderate, Area Affected : 5%								
Location : 1st And 2nd 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.# 409 A AND B EMS ADMIN, RESEARCH AND DEVELOP.

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
Interior								
Interior Walls								
Ceramic Tile	2%	Now	$1,100	2037	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Second Floor Bathroom A And B Section								
Concrete Masonry Unit	2%			LIFE	* *	5	$400	
Masonry: Brick	10%			LIFE	* *			
Plaster	86%	Now	$20,900	LIFE	* *	5	$11,800	
Horizontal Cracks, Extent : Severe, Area Affected : 2%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 1%								
Location : 2nd Floor Office A Side								
Ceilings								
Embossed Metal	30%	4+	$4,100	LIFE	* *	5	$2,800	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Offices B Side								
Plaster	70%	Now	$47,900	LIFE	* *	5	$9,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor A Side								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : 2nd And 3rd Floor, Various Spaces								
Site Enclosure								
Fence/Gates								
Wood	100%	Now	$100	2032	$6,900			
Broken/Missing Elements, Extent : Severe, Area Affected : 2%								
Location : Porch Balustrade Of B Section								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	50%	4+	$3,900	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Walkways								
Wood	50%	0-2	$18,100	2029	$361,100	1-3	$15,100	
Rotting/Splitting, Extent : Moderate, Area Affected : 4%								
Location : Porch 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								
Molded Case Bkrs	100%			2060	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 150 Ampere Main Disconnect Switches For Section A And B								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 409 A AND B EMS ADMIN, RESEARCH AND DEVELOP.

Asset # : 13774

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	20%			2054	* *	1		
Conduit	80%			2034	$22,600	1		
Panelboards								
Fused Disc Sw	5%			2050	* *	5		
Molded Case Bkrs	95%			2056	* *	5	$300	
Wiring								
Thermoplastic	80%			2054	* *	1		
Thermoplastic	20%			2034	$6,300	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Under Construction	100%							
Lighting								
Interior Lighting								
Fluorescent	50%			2034	$112,100	10	$6,300	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
LED	50%			2042	* *			
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2042	* *	1	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Only								
Explanation : Cameras Security 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 2	100%			2054	* *	5	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 275 Gallon Tanks For Both A And B Side								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 409 A AND B EMS ADMIN, RESEARCH AND DEVELOP.

Asset # : 13774

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Steam Boiler	100%	0-2	$2,600	2047	* *	1	$12,200	
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : A Side Boiler Water Auto Feeding								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units. A And B Sides Have Separate Boiler.								
Distribution								
Steam Piping/Pump	100%			2044	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : A And B Sides Have Independent Systems								
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	$4,400	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2029	$57,000	1		
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$19,300	2044	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Domestic Water Piping Leaking								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : A And B Sides Have Separate Systems Including Service								
Water Heater With Tanks								
Electric	50%			2032	$13,000	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : A Side Basement								
Explanation : 1 Unit								
No Component	50%							
HW Heat Exchanger								
Steam Fired	100%			2054	* *	4	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : B Side Basement								
Explanation : Domestic Coil In Steam Boiler For B 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FORT TOTTEN - BLDG.# 411 A AND B TERRORISM CENTER**		
Address	: **411 SHORE ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0020.411 / 13775**	**Yr Built/Renovated**	: **1906 /**
Area Sq Ft	: **13,728**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **24-Apr-2023**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **5917** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$113,000	
Electrical		$95,900
Mechanical	$57,000	$61,500
Site Pavements		$361,100
Total	**$170,000**	**$518,400**
Importance Code B	$111,700	$157,300
Importance Code C	$58,300	$361,100
Total	**$170,000**	**$518,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$16,700			$45,500
Interior Architecture	$28,000			$100
Electrical	$1,500	$4,400	$1,500	$1,600
Mechanical	$80,300	$2,500	$3,900	$1,800
Site Pavements	$16,300	$500	$3,900	$500
Total	**$142,700**	**$7,400**	**$9,400**	**$49,600**
Importance Code A	$52,800	$1,400	$1,400	$46,800
Importance Code B	$72,600	$5,500	$4,000	$2,200
Importance Code C	$17,400	$500	$3,900	$500
Total	**$142,700**	**$7,400**	**$9,400**	**$49,600**

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 411 A AND 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	80%			LIFE	* *	5	$21,600	
Masonry: Granite	10%			LIFE	* *	5	$2,000	
Wood	10%			2047	* *	5	$13,500	
Windows								
Wood	100%			2050	* *	5	$80,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Front Office A Unit								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Facades								
Explanation : Vinyl Clad Wood Windows								
Roof								
Roll Roofing	5%			2030	$4,900	5	$1,200	
Slate	95%	Now	$10,000	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Severe, Area Affected : 5%								
Location : Roof Valley Flashing And Chimney Flashing								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Main Roof At 3rd Floor, 2nd Floor								
Soffits								
Wood	100%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Porch Ceiling								
Explanation : Wood Ceiling								
Interior								
Floors								
Cast in Place Concrete	7%	2-4	$2,700	LIFE	* *	5	$3,100	
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Arsenal Room In Basement								
Mosaic Tile	2%			2047	* *	5	$1,000	
Vinyl Tile	5%	4+	$600	2039	* *	3	$400	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Kitchen								
Wood	86%	2-4	$23,100	2049	* *	5	$16,600	
Dry Rot/Decay, Extent : Light, Area Affected : 2%								
Location : Basement Stair Has Termite Damage								
Worn/Erode, Extent : Moderate, Area Affected : 15%								
Location : 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.# 411 A AND 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
Interior								
Interior Walls								
Ceramic Tile	2%	Now	$1,100	2043	* *	5	$500	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Second Floor Bathroom A Side								
Masonry: Brick	2%			LIFE	* *			
Plaster	96%	Now	$58,300	LIFE	* *	5	$13,100	
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	$1,800	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : 1st Floor, Throughout								
Plaster	80%	Now	$54,700	LIFE	* *	5	$10,300	
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Basement And Throughout, Locker Rooms								
Water Penetration, Extent : Light, Area Affected : 15%								
Location : 2nd Floor Bathroom And Office, 3rd Floor Office By Chimney Chase								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	50%	Now	$15,700	2039	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Front Entrance Walkway								
Wood	50%			2032	$361,100	1-3	$15,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Porch								
Explanation : Wood 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%			2054	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 100 Ampere Main Disconnect Switches For Section A and B								
Raceway								
Conduit	20%			2054	* *	1		
Conduit	80%			2034	$3,900	1		
Panelboards								
Fused Disc Sw	5%			2033	$500	5		
Molded Case Bkrs	95%			2050	* *	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 AND 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								
Wiring								
Thermoplastic	30%			2054	* *	1		
Thermoplastic	70%			2034	$6,900	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2047	* *	1	$4,200	
Generators								
Diesel	100%			2043	* *	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 134 Kilovolt Amperes,125 Kilowatt								
Batteries								
Lead/Acid	100%			2028	$2,700	5	$500	
Fuel Storage								
Main Tank	100%			2062	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Outside								
Explanation : One 250 Gallon Belly Tank								
Lighting								
Interior Lighting								
Fluorescent	90%			2034	$95,900	10	$11,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	10%			2042	* *			
Egress Lighting								
Emergency, Service	100%			2039	* *	1		
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2042	* *	1	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Only								
Explanation : Cameras Security 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								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 411 A AND B TERRORISM CENTER

Asset # : 13775

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Fuel Oil No 2	100%			2054	* *	5	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 275 Gallon Tanks For Both Sides A And B								
Conversion Equipment								
Steam Boiler	50%	0-2	$32,800	2039	* *	1	$6,100	
Leak Evident, Extent : Severe, Area Affected : 20%								
Location : Boiler On Side A Leaking. Incomplete Combustion Is Evident								
Other Observation, Extent : Light, Area Affected : 100%								
Location : A Side Basement								
Explanation : 1 Unit Serves A Side								
Steam Boiler	50%	0-2	$3,300	2039	* *	1	$6,100	
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Boiler Side B Leaking Water								
Malfunctioning, Extent : Moderate, Area Affected : 5%								
Location : Auto Water Feeding								
Other Observation, Extent : Light, Area Affected : 100%								
Location : B Side Basement								
Explanation : 1 Unit Serves B Side								
Distribution								
Steam Piping/Pump	100%			2044	* *			
Terminal Devices								
Convector/Radiator	50%			2039	* *	1	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : A Side								
Explanation : Units In A Side								
Convector/Radiator	50%	0-2	$6,100	2032	$61,500	1	$2,000	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Throughout.								
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Radiator Leaking At 3rd Floor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : B Side								
Explanation : Units In B Side								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2029	$57,000	1		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : A And B Sides Have Separate Systems Including Service								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 411 A AND B TERRORISM CENTER

Asset # : 13775

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
HW Heat Exchanger								
Steam Fired	100%			2044	* *	4	$2,000	
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%	0-2	$37,900	LIFE	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Shower Body At 3rd Floor And Leaking Toilet At 2nd Floor								
Fixtures								
Generic	100%							
Leaking Faucets/Valves/Heads, Extent : Moderate, Area Affected : 20%								
Location : Leaking, Malfunctioning Flushing Mechanism On 2nd Floor								
Leaking Connections, Extent : Moderate, Area Affected : 2%								
Location : The Sink In Restroom Of A Side 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.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FORT TOTTEN - BLDG.# 413 A AND B COUNSELING UNIT**		
Address	: **413 SHORE ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0020.413 / 13776**	**Yr Built/Renovated**	: **1906 /**
Area Sq Ft	: **13,728**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **24-Apr-2023**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Att**		
Block	: **5917** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$63,900	
Mechanical	$57,000	$243,300
Site Pavements		$433,300
Total	**$120,900**	**$676,600**
Importance Code A	$63,900	
Importance Code B	$57,000	$243,300
Importance Code C		$433,300
Total	**$120,900**	**$676,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$5,100		$4,100	
Interior Architecture	$116,200		$15,400	$100
Electrical	$2,900	$900	$1,000	$1,100
Mechanical	$13,700	$2,100	$16,900	$1,800
Site Pavements	$700	$700	$4,700	$700
Total	**$138,500**	**$3,700**	**$42,100**	**$3,700**
Importance Code A	$6,500	$1,400	$5,500	$1,400
Importance Code B	$62,400	$1,700	$31,900	$1,700
Importance Code C	$69,700	$700	$4,700	$700
Total	**$138,500**	**$3,700**	**$42,100**	**$3,700**

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 413 A AND 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%			LIFE	* *	5	$18,900	
Masonry: Granite	20%			LIFE	* *	5	$4,000	
Wood	10%	Now	$63,900	2047	* *	5	$6,700	
Windows								
Vinyl-Clad Wood	100%			2047	* *	5	$10,200	
Roof								
Modified Bitumen	30%			2039	* *	10	$4,100	
Synthetic Slate/Cedar	70%			2043	* *			
Soffits								
Wood	100%			2047	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Porch Ceiling								
Explanation : Wood								
Interior								
Floors								
Cast in Place Concrete	10%	0-2	$3,800	LIFE	* *	5	$4,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Ceramic Tile	5%	Now	$6,300	2043	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Bathrooms								
Vinyl Tile	5%	Now	$6,200	2039	* *	3	$400	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Kitchen Area And Throughout								
Wood	80%			2049	* *	5	$30,800	
Interior Walls								
Ceramic Tile	2%	2-4	$2,700	2043	* *	5	$500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Bathrooms								
Masonry: Brick	5%	4+	$23,800	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 80%								
Location : Basement								
Granite Panels	21%			LIFE	* *			
Plaster	70%	Now	$42,500	LIFE	* *	5	$9,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Paint Peeling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Various Locations								
Wood	2%			LIFE	* *	5	$3,600	

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 413 A AND B COUNSELING UNIT

Asset # : 13776

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Embossed Metal	10%			LIFE	* *	5	$900	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor								
Plaster	90%	Now	$30,800	LIFE	* *	5	$11,500	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Worn/Erode, Extent : Severe, Area Affected : 10%								
Location : Basement								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	40%			2039	* *			
Wood	60%			2032	$433,300	1-3	$18,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Porch Floor								
Explanation : Wood								

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 : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 100 Amperes For A And B Section And One 200 Amperes For The Portable Generator Disconnect Switch								
Raceway								
Conduit	70%			2034	$3,400	1		
Conduit	30%			2054	* *	1		
Panelboards								
Fused Disc Sw	5%			2050	* *	5		
Molded Case Bkrs	95%			2050	* *	5	$300	
Wiring								
Braided Cloth	20%	0-2	$2,000	2059	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	80%			2054	* *	1		
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

FORT TOTTEN - BLDG.# 413 A AND 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
Stand-by Power								
Transfer Switches								
Automatic	100%			2051	* *	1	$4,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : No Permanent Generator Only Portable								
Lighting								
Interior Lighting								
LED	100%			2042	* *			
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2042	* *	1	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior Only								
Explanation : Cameras Security 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 2	50%			2044	* *	5	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : B Side Basement								
Explanation : 2 Tanks								
Fuel Oil No 2	50%			2054	* *	5	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : A Side Basement								
Explanation : 2 Tanks								
Conversion Equipment								
Steam Boiler	50%			2047	* *	1	$6,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : A side Basement								
Explanation : 1 Unit								
Steam Boiler	50%			2039	* *	1	$6,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : B Side Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2034	$120,400			
Terminal Devices								
Convector/Radiator	100%	0-2	$12,300	2032	$122,900	1	$4,000	
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Leaking Radiator At Attic								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 413 A AND B COUNSELING UNIT

Asset # : 13776

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component 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%			2029	$57,000	1		
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Electric	50%			2029	$13,000	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : A Side Basement								
Explanation : 1 Unit								
No Component	50%							
HW Heat Exchanger								
Steam Fired	50%			2044	* *	4	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : On B Side Basement.								
Explanation : Domestic Coils In Boilers								
No Component	50%							
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FORT TOTTEN - BLDG.# 418 A AND B SCUBA SUPPORT/FT TOTTEN OPER.**		
Address	: **418 WEAVER ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0020.418 / 13778**	**Yr Built/Renovated**	: **1906 /**
Area Sq Ft	: **10,935**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **10-May-2023**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Att**		
Block	: **5917** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$150,800	
Electrical	$72,100	
Mechanical	$66,600	$97,900
Site Pavements	$170,500	$426,300
Total	**$460,000**	**$524,300**
Importance Code A	$150,800	
Importance Code B	$138,700	$97,900
Importance Code C	$170,500	$426,300
Total	**$460,000**	**$524,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$46,200			$100
Interior Architecture	$66,300			$200
Electrical	$400	$400	$24,000	$600
Mechanical	$1,900	$1,200	$36,900	$1,300
Site Pavements	$27,800	$600	$600	$4,600
Total	**$142,600**	**$2,200**	**$61,500**	**$6,800**
Importance Code A	$47,000	$800	$800	$900
Importance Code B	$64,700	$800	$60,000	$1,200
Importance Code C	$30,900	$600	$600	$4,600
Total	**$142,600**	**$2,200**	**$61,500**	**$6,800**

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.# 418 A AND 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	$14,200	
Masonry: Granite	10%	0-2	$3,300	LIFE	* *	5	$1,400	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Rear Of 418b								
Wood	15%	Now	$20,100	2039	* *	5	$7,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Porch								
Paint Peeling, Extent : Moderate, Area Affected : 50%								
Location : Wood Columns, Wood Fascia, Wood Siding, Porch Entablature And Balustrade								
Split/Cracked, Extent : Severe, Area Affected : 50%								
Location : Wood Columns, Porch Balustrade								
Windows								
Aluminum	10%			2050	* *	5	$200	
Wood	90%	Now	$88,900	2059	* *	5	$10,100	
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor Bathroom								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Caulking Deteriorated, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : 2nd Floor Scuba Office								
Roof								
Modified Bitumen	25%	Now	$7,800	2034	$39,200			
Alligatoring, Extent : Moderate, Area Affected : 100%								
Location : Porch Roofs, Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%								
Location : Porch Roofs, Throughout								
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Porch Roofs, Throughout								
Slate	75%	Now	$15,000	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Light, Area Affected : 5%								
Location : Roof Ridge								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : 3rd Floor And 2nd Floor Ceiling A Section Office Space								
Soffits								
Wood	100%	Now	$61,900	2039	* *	5	$32,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout 418 B								
Dry Rot/Decay, Extent : Severe, Area Affected : 80%								
Location : Exterior Porch 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

FORT TOTTEN - BLDG.# 418 A AND 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	15%	Now	$4,300	LIFE	* *	5	$5,100	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Ceramic Tile	5%	Now	$2,400	2037	* *	5	$400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Bathrooms.								
Vinyl Tile	10%	4+	$900	2034	$47,000	3	$600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Kitchen On B Side								
Wood	70%	Now	$35,500	2062	* *	5	$10,200	
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : 1st Floor, B Side, Throughout.								
Interior Walls								
Ceramic Tile	5%	Now	$400	2037	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Bathrooms.								
Masonry: Brick	15%			LIFE	* *			
Plaster	75%	Now	$2,700	LIFE	* *	5	$1,500	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Wood	5%			LIFE	* *	5	$1,300	
Ceilings								
AcousTileSusp.Lay-In	2%			2047	* *	5	$300	
Embossed Metal	20%			LIFE	* *	5	$1,400	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : 1st Floor, Throughout								
Exposed Struc: Wood	15%	Now	$3,500	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Attic Storage								
Plaster	63%	Now	$16,300	LIFE	* *	5	$6,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Basement A Section								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Corridor, 2nd Floor Section A Office Space								
Water Penetration, Extent : Light, Area Affected : 3%								
Location : 1st Floor Bathroom And 2nd Floor Office								
Site Pavements								

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.# 418 A AND 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
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	60%	0-2	$27,800	2047	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : Front And Side Walkways								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Front And Side Walkways								
Wood	40%	Now	$170,500	2034	$426,300	1-3	$17,800	
Rotting/Splitting, Extent : Severe, Area Affected : 100%								
Location : Porch Floor								
Parking/Driveway								
Cast in Place Concrete	100%			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%			2054	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Main Service Disconnect Switches Rated At 150 Amperes.								
Raceway								
Conduit	50%			2034	$2,400	1		
Conduit	50%			2054	* *	1		
Panelboards								
Molded Case Bkrs	100%			2050	* *	5	$300	
Wiring								
Thermoplastic	50%			2054	* *	1		
Thermoplastic	50%			2034	$5,000	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	85%			2029	$72,100	10	$8,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Incandescent	5%			2029	$3,800	2		
LED	10%			2042	* *			
Exterior Lighting								
HID	20%			2029	$11,200	10		
LED	10%			2042	* *			
No Component	70%							
Alarm								

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FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 418 A AND 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
Alarm								
Security System								
Generic	100%			2042	* *	1	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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%			2054	* *	5	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : A And B Side. Basement								
Explanation : 2 Tanks Each Side								
Conversion Equipment								
Hot Water Boiler	50%			2039	* *	1	$2,700	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : B Side Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : B Side Basement								
Explanation : 1 Unit								
Steam Boiler	50%			2047	* *	1	$5,400	
Boiler Used For Hot Water, Extent : Light, Area Affected : 100%								
Location : B Side Basement								
Other Observation, Extent : Light, Area Affected : 100%								
Location : A Side Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	50%			2042	* *	4	$300	
Steam Piping/Pump	50%			2044	* *			
Terminal Devices								
Convector/Radiator	100%			2032	$97,900	1	$3,500	
Controls								
Electrical	100%			2029	$66,600			
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2029	$34,000	1		
No Component	25%							
Plumbing								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 418 A AND B SCUBA SUPPORT/FT TOTTEN OPER.

Asset # : 13778

Mechanical	Current Repair			Future Replacement		Maintenance		
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	10%	0-2	$800	2044	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 70%								
Location : Basements								
Brass/Copper	90%			2044	* *	1		
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.*

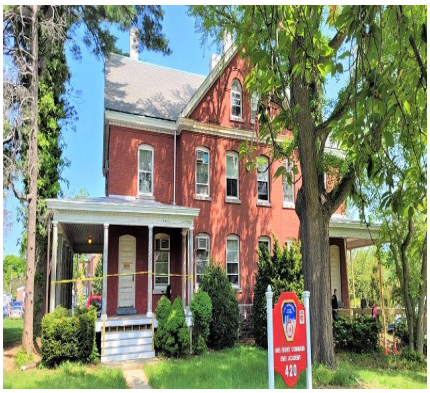
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **FORT TOTTEN - BLDG.# 420 A AND B FIRE BOROUGH CMD/EMS BOROUGH CMD**		
Address	: **420 WEAVER ROAD**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIR0020.420 / 13779**	**Yr Built/Renovated**	: **1906 /**
Area Sq Ft	: **10,935**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **11-May-2023**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Att**		
Block	: **5917** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$98,800	
Mechanical	$118,400	
Site Pavements		$639,500
Total	**$217,100**	**$639,500**
Importance Code A	$98,800	
Importance Code B	$118,400	
Importance Code C		$639,500
Total	**$217,100**	**$639,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$19,800		$1,200	$31,200
Interior Architecture	$67,600	$400		
Electrical	$400	$400	$11,800	$600
Mechanical	$2,700	$1,400	$37,200	$1,400
Site Pavements	$1,000	$7,000	$1,000	$1,000
Total	**$91,500**	**$9,200**	**$51,100**	**$34,200**
Importance Code A	$20,900	$1,100	$2,300	$32,300
Importance Code B	$59,900	$1,000	$47,800	$900
Importance Code C	$10,700	$7,100	$1,000	$1,000
Total	**$91,500**	**$9,200**	**$51,100**	**$34,200**



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.# 420 A AND 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	70%			LIFE	* *	5	$13,200	
Masonry: Granite	15%	2-4	$4,900	LIFE	* *	5	$2,100	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 5%								
Location : Rear Parking Lot								
Stucco Cement	5%			2039	* *	5	$2,400	
Wood	10%	Now	$13,400	2039	* *	5	$4,700	
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : Roof Soffit And Fascia								
Paint Peeling, Extent : Severe, Area Affected : 100%								
Location : Siding And Soffits								
Worn/Erode, Extent : Severe, Area Affected : 20%								
Location : Siding And Fascia								
Windows								
Wood	100%	Now	$98,800	2059	* *	5	$11,200	
Air Infiltration, Extent : Severe, Area Affected : 20%								
Location : Throughout.								
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Basement Windows A Section								
Worn/Erode, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Roof								
Asphalt Shingle	70%			2037	* *	10	$1,500	
Roll Roofing	30%			2030	$27,900	5	$6,500	
Soffits								
Wood	100%			2039	* *	5		
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$3,400	
Ceramic Tile	5%			2037	* *	5	$800	
Vinyl Tile	10%			2034	$47,000	3	$600	
Wood	75%	Now	$38,100	2049	* *	5	$10,900	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : B Side, 3rd Floor Attic								

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

FIRE DEPARTMENT - 057

FORT TOTTEN - BLDG.# 420 A AND B FIRE BOROUGH CMD/EMS BOROUGH CMD

Asset # : 13779

Architecture	Current Repair			Future Replacement		Maintenance		
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%			2043	* *	5	$300	
Masonry: Brick	25%			LIFE	* *			
Granite Panels	5%			LIFE	* *			
Plaster	55%	Now	$9,800	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Stairs, Offices, Halls								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Stairwell								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Stairs A Side								
Wood	10%			LIFE	* *	5	$2,700	
Ceilings								
Embossed Metal	10%	4+	$2,600	LIFE	* *	5	$700	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Throughout Embossed Ceiling								
Exposed Struc: Wood	10%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$2,900	
Plaster	65%	0-2	$16,800	LIFE	* *	5	$6,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Copy Room On 2nd Floor								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Various Locations								
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	40%			2047	* *			
Wood	60%			2034	$639,500	1-3	$27,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front Porch And Steps								
Explanation : Under Construction And Repair								
Parking/Driveway								
Cast in Place Concrete	100%			2047	* *			

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		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Main Service Disconnect Switches Rated At 100 Amperes Each.								
Raceway								
Conduit	50%			2034	$2,400	1		
Conduit	50%			2054	* *	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.# 420 A AND 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								
Panelboards								
Molded Case Bkrs	100%			2050	* *	5	$300	
Wiring								
Thermoplastic	50%			2034	$5,000	1		
Thermoplastic	50%			2054	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2039	* *	10	$10,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$1,300	
Exit, Service	50%			2039	* *	1		
Exterior Lighting								
HID	15%			2034	$8,400	10		
LED	15%			2042	* *			
No Component	70%							
Alarm								
Security System								
Generic	100%			2042	* *	1	$4,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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%			2054	* *	5	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : A And B Sides Each Has 2 Tanks								
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$10,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Each A And B Side Has 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

FORT TOTTEN - BLDG.# 420 A AND B FIRE BOROUGH CMD/EMS BOROUGH CMD

Asset # : 13779

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Steam Piping/Pump	10%	0-2	$500	2044	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : A Side 2nd Floor Bunker Room								
Explanation : Too Cold								
Steam Piping/Pump	90%			2044	* *			
Terminal Devices								
Convector/Radiator	100%			2039	* *	1	$3,500	
Controls								
Electrical	100%			2029	$66,600			
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Window/Wall Unit	75%			2029	$34,000	1		
No Component	25%							
Plumbing								
H/C Water Piping								
Brass/Copper	90%			2044	* *	1		
Brass/Copper	10%	0-2	$800	2044	* *	1		
Not Insulated, Extent : Moderate, Area Affected : 60%								
Location : A And B Side Basements								
Water Heater With Tanks								
Electric	100%			2029	$51,800	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basements								
Explanation : Two 40 Gallon Units. 1 In Each 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT		
Address	: 247-253 LAFAYETTE STREET		
Borough	: MANHATTAN	**Agency's Number**	: N/A
Program / Asset #	: FIRSLAD.020 / 13218	**Yr Built/Renovated**	: 1965 /
Area Sq Ft	: 28,866	**Project Type**	: FIRE DEPARTMENT
Date of Survey	: 24-Jun-2020	**Landmark Status**	: NONE
Areas Surveyed	: Basement, Roof, Floors 1,2,3,4		
Block	: 495 **Lot** : 7	**BIN**	: 1007523

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$286,100
Interior Architecture		$899,800
Electrical	$131,900	$382,400
Mechanical	$54,700	$972,500
Total	**$186,600**	**$2,540,800**
Importance Code A		$657,900
Importance Code B	$186,600	$1,882,900
Total	**$186,600**	**$2,540,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$70,300		$1,500	
Interior Architecture	$79,100		$5,500	$82,600
Electrical	$42,200	$2,000	$33,500	$52,300
Mechanical	$57,800	$3,300	$7,800	$6,800
Elevators/Escalators	$7,200	$7,200	$7,200	$7,200
Total	**$256,600**	**$12,500**	**$55,500**	**$149,000**
Importance Code A	$71,800	$1,400	$2,900	$1,400
Importance Code B	$160,600	$11,100	$52,600	$147,600
Importance Code C	$24,200			
Total	**$256,600**	**$12,500**	**$55,500**	**$149,000**

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

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	3%	Now	$3,500	LIFE	* *	5	$1,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Above Overhead Doors								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Street Facade At Underside Of Concrete Band Course								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Street Facade								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Above Overhead Doors								
Masonry: Brick	87%	Now	$34,800	LIFE	* *	5	$8,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : South West Corner, 3rd Story Street Facade								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Bulkheads								
Metal Sect. OHD	10%			2044	* *	5	$3,000	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Aparatus Door								
Explanation : Air Infiltration								
Windows								
Aluminum	95%	Now	$28,900	2056	* *	5	$300	1
Air Infiltration, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 25%								
Location : Various Windows Throughout								
Steel	5%	Now	$1,400	2056	* *	5	$200	1
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Stairs								
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : Stairwells								
Parapets								
Masonry: Brick	95%			LIFE	* *	5	$1,400	
Pre-cast Concrete	5%	Now	$1,800	LIFE	* *	5	$500	
Caulking Deteriorated, Extent : Light, Area Affected : 20%								
Location : Coping Joints								
Roof								
Modified Bitumen	100%			2036	$286,100	10	$26,200	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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FIRE DEPARTMENT - 057

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%			2030	$76,400	3	$8,600	
Cast in Place Concrete	25%	Now	$18,400	LIFE	* *	5	$23,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Ladder Apparatus Floor								
Uneven Surface, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Ceramic Tile	5%			2040	* *	5	$2,200	
Terrazzo	2%			LIFE	* *	5	$700	
Vinyl Tile	10%	4+	$6,000	2036	$119,400	3	$1,600	
Misaligned/Bulging, Extent : Severe, Area Affected : 30%								
Location : Third And Fourth Floor Counselors Offices								
Vinyl Tile	45%			2036	$537,100	3	$9,700	
Wood	3%			2059	* *	5	$2,400	
Interior Walls								
Ceramic Tile	2%	0-2	$13,100	2044	* *	5	$600	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Toilet Rooms								
Explanation : Patching Evident								
Concrete Masonry Unit	10%	Now	$11,200	LIFE	* *	5	$2,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Parking Garage								
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : Cellar, Stairwells								
Gypsum Board	20%			LIFE	* *	5	$7,100	
Plaster	48%			LIFE	* *	5	$8,600	
SGFT/Glazed Masonry	20%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	35%			2036	$243,300	5	$18,900	
AcousTileSusp.Lay-In	20%			2044	* *	5	$8,600	
Exposed Struc: Concrete	20%	Now	$25,900	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Stair 3 At Cellar								
Gypsum Board	25%			LIFE	* *	5	$13,500	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Asphalt	100%			2040	* *			

Note : 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

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
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2031	$65,000	5	$800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : One 400 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2031	$65,000	5	$800	
Raceway								
Conduit	90%			2031	$33,100	1		
Conduit	10%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5		
Molded Case Bkrs	75%			2030	$37,200	5	$600	
Molded Case Bkrs	20%			2047	* *	5	$200	
Wiring								
Thermoplastic	20%			2051	* *	1		
Thermoplastic	80%			2031	$26,600	1		
Motor Controllers								
Locally Mounted	100%			2029	$18,200	5	$200	
Ground								
Grounding Devices								
Generic	100%	0-2	$10,400	LIFE	* *	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main Basement								
Explanation : Corroded								
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	$13,200	1	$8,900	
Generators								
Diesel	100%			2027	$101,800	1	$11,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 30 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$1,100	
Fuel Storage								
Day Tank	50%			2030	$12,800	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 10 Gallons Rated Capacity								
Main Tank	50%			2034	$38,400	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 275 Gallons Rated Capacity								
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

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
Lighting								
Interior Lighting								
Fluorescent	2%			2027	$5,000	10	$500	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Basement								
Fluorescent	10%			2027	$25,100	10	$2,600	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Hallway 3rd Floor								
Fluorescent	58%			2036	$145,400	10	$15,400	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : 2nd Floor								
LED	30%			2036	$107,000			
Egress Lighting								
Emergency, Service	50%			2036	$8,900	1		
Exit, Service	50%			2036	$6,200	1		
Exterior Lighting								
Fluorescent	20%			2027	$23,000	10	$500	
Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%								
Location : Outside								
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2036	$306,700	1	$14,300	
Other Observation, Extent : Light, Area Affected : 85%								
Location : Basement Boiler Room								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	85%	0-2	$2,700	2039	* *	4	$1,200	
Corroded, Extent : Moderate, Area Affected : 5%								
Location : Basement. Corroded Header Piping								
Leak Evident, Extent : Moderate, Area Affected : 100%								
Location : Basement. Circulating Pump Laking								
Hot Wtr Piping/Pump	15%			2047	* *	4	$300	
Recent Replace Evident, Extent : N/A, Area Affected : 15%								
Location : 2nd Floor Division 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								
Terminal Devices								
Convector/Radiator	45%			2036	$106,200	1	$4,200	
Convector/Radiator	15%			2044	* *	1	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Division 1								
Explanation : Radiators In Good Condition								
Fan Coil Unit/Heat	20%			2031	$143,100	1	$1,900	
Unit Heater - Hot Water	20%			2036	$34,200			
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	30%			2031	$127,800	1	$4,000	
R-22 Refrigerant, Extent : Light, Area Affected : 30%								
Location : Penthouse								
Window/Wall Unit	50%			2029	$54,700	1		
No Component	20%							
Distribution								
CW & CHW Water Pipe/Pump	30%	Now	$1,100	2041	* *	4	$400	
Insul. Deteriorating, Extent : Severe, Area Affected : 5%								
Location : Mechanical Room On Roof								
No Component	70%							
Terminal Devices								
Fan Coil - 2 Pipe	15%			2036	$105,700	1	$1,400	
Other Observation, Extent : Light, Area Affected : 15%								
Location : 2nd Floor Division 1								
Explanation : Recent Installation								
Fan Coil - 4 Pipe	15%			2031	$131,800	1	$1,400	
No Component	70%							
Heat Rejection								
Evaporative Condenser	15%			2039	* *	2	$3,000	
Recent Installation, Extent : N/A, Area Affected : 15%								
Location : Lower Roof								
Dry Cooler	30%			2027	$31,800	2	$6,000	
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$16,100	
Exhaust Fans								
Interior	40%			2031	$51,200	2	$400	
Roof	60%	Now	$700	2031	$33,600	2	$400	
Other Observation, Extent : Moderate, Area Affected : 3%								
Location : Lower Roof								
Explanation : 1 Cover Is Missing								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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FIRE DEPARTMENT - 057

LADDER CO. 20 DIVISION 1 / FIRE MARSHAL/COUNSELING SERVICES UNIT

Asset # : 13218

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%			2041	* *	1		
Water Heater With Tanks								
Electric	15%			2030	$3,500	4		
Other Observation, Extent : Light, Area Affected : 15%								
Location : 2nd Floor Division 1								
Explanation : 1 Unit								
Gas Fired	85%			2027	$14,500	2		
Other Observation, Extent : Light, Area Affected : 85%								
Location : Basement								
Explanation : Two 80 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$500	2027	$900	4	$600	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement. Defective Motor And Electrical Defects								
Backflow Preventer								
Generic	100%			2039	* *	1	$1,800	
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	50%							
Generic	50%			2041	* *	1-2	$4,100	

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.*

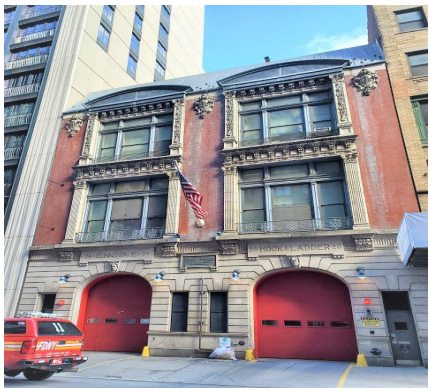
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **22-Feb-2024**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **1169** **Lot** : **26**	**BIN**	: **1030885**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$142,600
Interior Architecture	$59,400	
Mechanical	$58,100	$73,900
Total	**$117,500**	**$216,600**
Importance Code A		$142,600
Importance Code B	$117,500	$73,900
Total	**$117,500**	**$216,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$89,200	$3,100		$5,700
Interior Architecture	$28,100		$3,900	
Electrical	$900	$1,000	$3,600	$1,000
Mechanical	$40,600	$8,000	$4,700	$3,700
Total	**$158,800**	**$12,100**	**$12,200**	**$10,400**
Importance Code A	$89,900	$3,800	$700	$6,300
Importance Code B	$40,900	$8,300	$8,600	$4,000
Importance Code C	$28,100		$2,900	
Total	**$158,800**	**$12,100**	**$12,200**	**$10,400**



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

FIRE DEPARTMENT - 057
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	5%			LIFE	* *	5	$15,700	
Masonry: Brick	66%	2-4	$43,600	LIFE	* *	5	$26,500	
Efflorescence, Extent : Moderate, Area Affected : 2%								
Location : Interior Of Kitchen Area								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Front Door								
Masonry: Limestone	20%			LIFE	* *	5	$6,000	
Metal Panel	2%			2055	* *	5-10	$5,500	
Metal Sect. OHD	5%			2048	* *	5	$6,300	
Window Wall	2%			2055	* *	5	$3,000	
Windows								
Aluminum	100%	Now	$30,000	2051	* *	5	$1,100	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 20%								
Location : 2nd And 3rd Floor Windows								
Parapets								
Cast Stone/Terra Cotta	20%	Now	$2,800	LIFE	* *	5	$6,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : North West Corner Of Parapet Wall								
Masonry: Brick	45%	Now	$11,200	LIFE	* *	5	$1,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : North West Corner Of Parapet Wall								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rear Wall. Stepped Down Roof Above Kitchen								
Metal Panel	35%			2055	* *	5	$5,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Parapet								
Explanation : High Metal Wall								
Roof								
Modified Bitumen	93%			2035	$142,600	10	$13,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : All Roof								
Explanation : Snow Covered Surfaces								
Skylight, Plastic	2%	4+	$1,500	2048	* *	1		
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Locker Room								
Sloped Glazing	5%			LIFE	* *	5	$9,400	
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	* *	5	$17,400	
Paint Peeling, Extent : Light, Area Affected : 5%								
Location : Basement								
Ceramic Tile	10%			2044	* *	5	$2,000	
Wood	50%	2-4	$59,400	2063	* *	5	$9,300	
Deteriorated Finish, Extent : Severe, Area Affected : 75%								
Location : All Wood Flooring								

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

FIRE DEPARTMENT - 057
LADDER CO. 25/ENGINE CO. 74/ HOOK 25
Asset # : 13219

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%			2044	* *	5	$5,900	
Concrete Masonry Unit	5%			LIFE	* *	5	$600	
Glass: Single Pane	5%			LIFE	* *	5	$1,100	
Other Observation, Extent : N/A, Area Affected : 25%								
Location : Stairways								
Explanation : Classical Wrought Iron Railings								
Gypsum Board	5%			LIFE	* *	5	$900	
Masonry: Brick	25%	Now	$28,100	LIFE	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Rear Wall. At Kitchen								
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : At Sidewalk Vault								
Worn/Erode, Extent : Severe, Area Affected : 5%								
Location : At Sidewalk Vault								
Plaster	20%			LIFE	* *	5	$1,800	
Wood	20%			LIFE	* *	5	$23,600	
Ceilings								
Exposed Struc: Steel	30%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Below Apparatus Floor								
Explanation : Material Is Actually Metal Decking And I Beams								
Metal Panel	20%			LIFE	* *	5	$5,000	
Plaster	50%			LIFE	* *	5	$6,200	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2048	* *			

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%			2055	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2055	* *	5	$100	
Raceway								
Conduit	100%			2055	* *	1		
Panelboards								
Fused Disc Sw	5%			2051	* *	5		
Molded Case Bkrs	95%			2051	* *	5	$300	
Wiring								
Thermoplastic	100%			2055	* *	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
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%			2048	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$4,100	
Generators								
Diesel	100%			2044	* *	1	$5,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Emergency Generator Rated At 80 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$500	
Fuel Storage								
Day Tank	5%			2051	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 25 Gallons Rated Capacity								
Main Tank	95%			2063	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2040	* *	1		
Exit, LED	50%			2063	* *	1		
Exterior Lighting								
LED	20%			2040	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2055	* *	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
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
Heating								
Conversion Equipment								
Furnace	40%			2040	* *	1	$2,600	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Roof								
Explanation : 5 Rooftop Units								
Hot Water Boiler	60%			2048	* *	1	$4,000	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Basement								
Explanation : Hydro Thermostat Multi Temperature. 3 Boilers Packaged								
Distribution								
Hot Wtr Piping/Pump	60%			2051	* *	4	$600	
Hot Wtr Piping/Pump	40%			2051	* *	4	$400	
Terminal Devices								
Convector/Radiator	20%			2048	* *	1	$900	
Convector/Radiator	10%			2048	* *	1	$400	
Unit Heater - Steam	40%			2040	* *	4	$700	
No Component	30%							
Controls								
Electrical	100%	0-2	$29,600	2033	$73,900			
Broken, Extent : Moderate, Area Affected : 100%								
Location : Throughout. Defective Thermostat. Unable To Control The Heating								
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2040	* *	2	$800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 5 Units. Roof								
Ventilation								
Distribution								
Ductwork/Diffusers	80%			LIFE	* *	2-5	$5,900	
No Component	20%							
Exhaust Fans								
Roof	80%			2035	$20,600	2	$300	
Wall Unit	20%			2040	* *	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2055	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two Units 75 Gallons Each								

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

FIRE DEPARTMENT - 057
LADDER CO. 25/ENGINE CO. 74/ HOOK 25
Asset # : 13219

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	60%			LIFE	* *	1		
Cast Iron	40%	0-2	$6,700	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 100%								
Location : Basement. Frequent Sewer Back Up Causing Unsanitary Condition In Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2035	$2,700	4	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Pits With Pumps								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2055	* *	1-2	$3,700	
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Kitchen Hood 4 Feet X 5 Feet Which Equals 20 Square Feet								

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

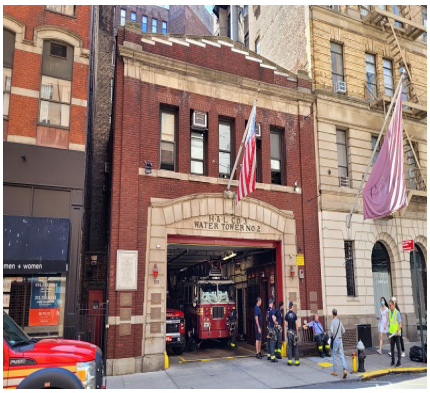
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **LADDER CO. 3**		
Address	: **108 EAST 13TH STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSLAD.003 / 13215**	**Yr Built/Renovated**	: **1929 / 2002**
Area Sq Ft	: **5,148**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **14-Apr-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **558** **Lot** : **11**	**BIN**	: **1009010**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$81,400
Interior Architecture		$84,700
Electrical		$163,400
Mechanical	$58,100	
Total	**$58,100**	**$329,500**
Importance Code A		$81,400
Importance Code B	$58,100	$248,100
Total	**$58,100**	**$329,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$61,600		$700	
Interior Architecture	$48,400	$200		$400
Electrical	$3,100	$45,100	$500	$500
Mechanical	$22,900	$17,400	$3,200	$3,200
Total	**$136,000**	**$62,600**	**$4,500**	**$4,100**
Importance Code A	$62,100	$500	$1,200	$500
Importance Code B	$64,700	$62,100	$3,300	$3,600
Importance Code C	$9,200			
Total	**$136,000**	**$62,600**	**$4,500**	**$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
LADDER CO. 3
Asset # : 13215

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	$24,600	LIFE	* *	5	$15,000	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Front Offices								
Masonry: Granite	2%			LIFE	* *	5	$300	
Masonry: Limestone	10%	Now	$15,300	LIFE	* *	5	$1,500	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 10%								
Location : Front Facade								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Front Facade								
Metal Sect. OHD	10%			2046	* *	5	$6,100	
Slate Panels	1%	Now	$3,000	LIFE	* *	5	$100	
Cracking/Crumbling, Extent : Light, Area Affected : 100%								
Location : 1st Floor Window Sill In East Alleyway								
Windows								
Aluminum	100%			2049	* *	5	$1,300	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$3,000	
Masonry: Sandstone	10%	Now	$2,400	LIFE	* *	5	$400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Parapet								
Roof								
Modified Bitumen	100%	Now	$16,300	2033	$81,400			
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Throughout Roof								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Lower Roof								
Interior								
Floors								
Cast in Place Concrete	50%	Now	$32,600	LIFE	* *	5	$8,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Apparatus Floor								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : At Recent Patch Through The Apparatus Floor								
Ceramic Tile	10%			2042	* *	5	$800	
Vinyl Tile	40%			2033	$84,700	3	$1,500	

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

FIRE DEPARTMENT - 057
LADDER CO. 3
Asset # : 13215

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%			2042	* *	5	$500	
Gypsum Board	5%			LIFE	* *	5	$300	
Masonry: Brick	20%			LIFE	* *			
Plaster	35%	Now	$9,000	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Adjacent To Roof Hatch And Truck Office								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Adjacent To Roof Hatch And Captain Office								
SGFT/Glazed Masonry	25%			LIFE	* *			
Wood	10%			LIFE	* *	5	$4,200	
Ceilings								
AcousTileSusp.Lay-In	5%			2038	* *	5	$400	
Exposed Struc: Steel	40%			LIFE	* *			
Gypsum Board	5%			LIFE	* *	5	$500	
Plaster	50%	Now	$5,800	LIFE	* *	5	$2,400	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Captain Office								
Site Enclosure								
Fence/Gates								
Iron Picket	100%			2053	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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 : Main Service Switch Rated At 200 Amperes								
Raceway								
Conduit	100%			2033	$36,800	1		
Panelboards								
Molded Case Bkrs	100%			2041	* *	5	$100	
Wiring								
Thermoplastic	100%			2033	$33,300	1		
Ground								

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

FIRE DEPARTMENT - 057
LADDER CO. 3
Asset # : 13215

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	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	$1,600	
Generators								
Diesel	100%			2036	$101,800	1	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Generator Rated At 40 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	
Fuel Storage								
Day Tank	10%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement At Generator								
Explanation : 50 Gallons Capacity								
Day Tank	10%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Adjacent To Generator								
Explanation : 75 Gallons Capacity								
Main Tank	80%			2036	$61,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 550 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	60%			2028	$26,800	10	$2,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	30%			2028	$13,400	10	$1,400	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Offices								
LED	10%			2038	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Throughout The Building								
Explanation : LED Lighting								
Egress Lighting								
Emergency, Battery	50%			2033	$4,300	10	$600	
No Component	50%							
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								

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

FIRE DEPARTMENT - 057
LADDER CO. 3
Asset # : 13215

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								
Generic	100%			2041	* *	1	$1,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Exterior Only								
Explanation : Cameras Security 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								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$5,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2043	* *			
Terminal Devices								
Convector/Radiator	100%			2031	$42,100	1	$1,700	
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Window/Wall Unit	50%			2028	$9,800	1		
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$400	
No Component	85%							
Exhaust Fans								
Roof	15%	0-2	$100	2038	* *	2		
Not in Service, Extent : Moderate, Area Affected : 75%								
Location : 2 Motors, Roof								
Wall Unit	20%			2028	$400	2		
No Component	65%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2031	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units, 75 Gallons Each								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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. 3
Asset # : 13215

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	$19,500	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Basement								
Explanation : Water Backs Up From The Sewage Pipe Underneath Of Basement Front Section Causing Terrible Flooding.								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Covers 20 Square Feet.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **LADDER CO. 47**		
Address	: **1220 CASTLE HILL AVENUE @ ELLIS AVE.**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSLAD.047 / 13232**	**Yr Built/Renovated**	: **1912 /**
Area Sq Ft	: **6,340**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **30-Nov-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **3821** **Lot** : **7**	**BIN**	: **2094870**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$197,800	
Interior Architecture	$153,400	
Mechanical		$50,800
Total	**$351,200**	**$50,800**
Importance Code A	$197,800	
Importance Code B	$153,400	$50,800
Total	**$351,200**	**$50,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$17,300			$700
Interior Architecture	$50,700			$300
Electrical	$28,600		$18,300	
Mechanical	$14,200	$900	$46,800	$900
Total	**$110,800**	**$1,000**	**$65,100**	**$1,900**
Importance Code A	$17,900	$600	$600	$1,300
Importance Code B	$73,900	$300	$64,500	$600
Importance Code C	$19,000			
Total	**$110,800**	**$1,000**	**$65,100**	**$1,900**

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

FIRE DEPARTMENT - 057
LADDER CO. 47
Asset # : 13232

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%	4+	$83,600	LIFE	* *	5	$20,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Masonry: Granite	20%			LIFE	* *	5	$4,400	
Masonry: Limestone	5%	4+	$11,400	LIFE	* *	5	$1,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 5%								
Location : Front Elevation								
Metal Sect. OHD	5%			2047	* *	5	$4,500	
Windows								
Aluminum	100%			2050	* *	5	$1,400	
Parapets								
Masonry: Brick	80%			LIFE	* *	5	$1,900	
Pre-cast Concrete	20%			LIFE	* *	5	$3,000	
Roof								
Modified Bitumen	95%	Now	$114,200	2044	* *			1
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : 2nd Through 3rd Floor								
Roll Roofing	5%	Now	$3,600	2036	$3,600	5	$500	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Worn/Erode, Extent : Severe, Area Affected : 100%								
Location : Lower Roof								
Interior								
Floors								
Cast in Place Concrete	38%	Now	$153,400	LIFE	* *	5	$7,900	
Cracking/Crumbling, Extent : Severe, Area Affected : 70%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Basement								
Explanation : Temporary Steel Columns Shoring Up Apparatus Floor								
Ceramic Tile	5%	4+	$1,300	2037	* *	5	$200	
Horizontal Cracks, Extent : Light, Area Affected : 2%								
Location : Toilet Rooms								
Quarry Tile	2%	4+	$700	2039	* *	5	$100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Sheet Vinyl/Rubber	20%	4+	$12,400	2039	* *	5	$1,400	
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Steel Plate	5%			LIFE	* *	1		
Terrazzo	5%			LIFE	* *	5	$400	
Vinyl Tile	25%			2039	* *	3	$1,200	

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FIRE DEPARTMENT - 057
LADDER CO. 47
Asset # : 13232

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%	4+	$700	2043	* *	5	$300	
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Throughout								
Concrete Masonry Unit	10%	4+	$2,500	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Gypsum Board	30%	Now	$1,100	LIFE	* *	5	$2,300	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	20%	Now	$9,900	LIFE	* *			
Loose/Delam Surface, Extent : Severe, Area Affected : 5%								
Location : Basement								
Plaster	30%	4+	$4,800	LIFE	* *	5	$1,200	
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Steel Plate	5%			LIFE	* *	5	$400	
Ceilings								
AcousTileSusp.Lay-In	10%			2047	* *	5	$900	
Exposed Struc: Concrete	10%	Now	$14,200	LIFE	* *	5	$100	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Basement								
Exposed Reinforcement, Extent : Moderate, Area Affected : 2%								
Location : Basement								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Explanation : Rusting Structural Beams								
Gypsum Board	40%			LIFE	* *	5	$4,700	
Plaster	40%	Now	$2,300	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : 2nd Floor Locker Area								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2054	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2047	* *			

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FIRE DEPARTMENT - 057
LADDER CO. 47
Asset # : 13232

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	30%			2054	* *	1		
Conduit	70%			2034	$25,800	1		
Panelboards								
Molded Case Bkrs	75%			2042	* *	5	$100	
Molded Case Bkrs	25%			2033	$12,400	5		
Wiring								
Braided Cloth	40%	2-4	$13,300	2059	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	20%			2054	* *	1		
Thermoplastic	40%			2034	$13,300	1		
Motor Controllers								
Locally Mounted	50%			2032	$9,100	5		
Locally Mounted	50%			2051	* *	5		
Ground								
Grounding Devices								
Generic	100%	2-4	$10,400	LIFE	* *	5	$100	
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Lighting								
Interior Lighting								
Fluorescent	88%	Now	$4,800	2034	$48,500			
Damaged Fixtures, Extent : Moderate, Area Affected : 10%								
Location : Throughout The Building								
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Incandescent	2%			2029	$1,600	2		
LED	10%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2029	$5,300	10	$800	
Exit, Battery	50%			2029	$4,500	10	$200	
Exterior Lighting								
HID	20%			2029	$5,900	10		
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2054	* *	1		

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FIRE DEPARTMENT - 057
LADDER CO. 47
Asset # : 13232

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%			2047	* *	1	$6,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%			2034	$50,800			
Terminal Devices								
Convector/Radiator	5%	0-2	$1,000	2039	* *	1	$100	
Not in Service, Extent : Moderate, Area Affected : 50%								
Location : 1st Floor Television Room								
Convector/Radiator	75%			2032	$38,900	1	$1,500	
Fan Coil Unit/Heat	20%			2034	$31,400	1	$400	
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Split Unit	5%	0-2	$7,500	2044	* *			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Lunch Room. Leaking Condensate								
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : 2 Units, Lunch Room								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : 2 Old Condemn Units, Lunch Room								
Window/Wall Unit	40%			2029	$9,600	1		
No Component	55%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$400	
No Component	90%							
Exhaust Fans								
Roof	10%	0-2	$100	2034	$1,200	2		
Not in Service, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Bathroom								
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$1,600	2044	* *	1		
Pump(s) Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Booster Pump And Tank, Basement								
Water Heater With Tanks								
Gas Fired	100%			2029	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								

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FIRE DEPARTMENT - 057
LADDER CO. 47
Asset # : 13232

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%	0-2	$1,600	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	0-2	$1,100	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Sump Pump(s)								
Submersible	100%	0-2	$200	2029	$200	4	$100	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Basement								
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Backflow Preventer								
Generic	100%			2034	$2,800	1	$400	
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 10%								
Location : Bathroom On 1st Floor								
Fire Suppression								
Chemical System								
No Component	97%							
Generic	3%			2029	$1,700	1-10	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set 8x5 Which is 40 Square Foot Fire Suppression System Over Kitchen Hood, Model Rg-4gs								

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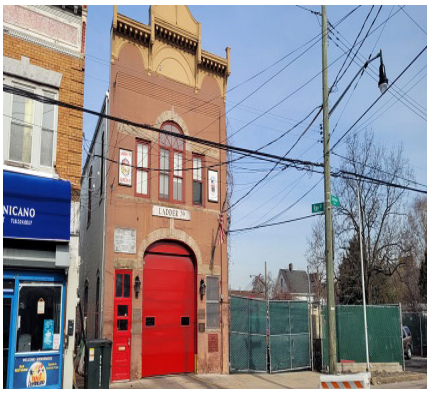
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **LADDER CO. 79**		
Address	: **1189 CASTLETON AVENUE @ ROE ST.**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSLAD.079 / 13222**	**Yr Built/Renovated**	: **1903 / 2010**
Area Sq Ft	: **5,828**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **23-Jun-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **198** **Lot** : **136**	**BIN**	: **5005308**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical		$65,000
Mechanical		$50,800
Total		**$115,800**
Importance Code A		$115,800
Total		**$115,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$600	$2,400	$5,900	
Interior Architecture	$1,000		$300	$500
Electrical	$3,000	$400	$18,700	$25,300
Mechanical	$44,300	$1,100	$2,400	$1,100
Site Pavements				
Total	**$48,900**	**$3,800**	**$27,400**	**$26,800**
Importance Code A	$1,200	$3,000	$6,500	$600
Importance Code B	$47,300	$900	$20,900	$26,000
Importance Code C	$400			$200
Total	**$48,900**	**$3,800**	**$27,400**	**$26,800**



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FIRE DEPARTMENT - 057
LADDER CO. 79
Asset # : 13222

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	28%			2041	* *	10	$1,300	
Masonry: Brick	60%			LIFE	* *	5	$9,200	
Painted Surfaces, Extent : Light, Area Affected : 100%								
Location : Throughout								
Masonry: Granite	2%			LIFE	* *	5	$200	
Metal Sect. OHD	10%			2048	* *	5	$4,800	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Main Apparatus Entrance Door								
Windows								
Aluminum	25%			2047	* *	5	$400	
Wood	75%			2039	* *	5	$11,900	
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	$300	
Masonry: Brick	30%			LIFE	* *	5	$200	
Metal Panel	5%			2041	* *	5	$100	
Wood Cornice	30%			2041	* *	5-10	$2,600	
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : South Facade								
No Component	30%							
Roof								
Asphalt Shingle	10%	Now	$200	2034	$3,500			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Dining Room, Weight Room, And Barbecue Area								
Roll Roofing	5%			2032	$2,100	5	$500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Over Shed Roof								
Not Accessible	85%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Main Roof								
Explanation : Modified Bitumen								
Interior								
Floors								
Cast in Place Concrete	35%			LIFE	* *	5	$5,100	
Ceramic Tile	5%	4+	$400	2034	$18,800	5	$200	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Bathroom On 1st Floor								
Terrazzo	10%			LIFE	* *	5	$500	
Vinyl Tile	30%			2039	* *	3	$1,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Second Floor								
Wood	20%			2066	* *	5	$2,500	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Chief's Office On Second Floor								

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FIRE DEPARTMENT - 057
LADDER CO. 79
Asset # : 13222

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%			2040	* *	5	$500	
Gypsum Board	15%	Now	$400	LIFE	* *	5	$800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor Areas Located Below Asphalt Shingle Roof								
Masonry: Brick	10%			LIFE	* *			
Plaster	25%			LIFE	* *	5	$700	
Wood	45%			LIFE	* *	5	$16,500	
Deteriorated Finish, Extent : Light, Area Affected : 10%								
Location : Throughout Apparatus Area								
Ceilings								
AcousTileSusp.Lay-In	10%			2044	* *	5	$700	
Embossed Metal	30%			LIFE	* *	5	$900	
Deformed/Dented, Extent : Light, Area Affected : 20%								
Location : Apparatus Area								
Exposed Struc: Steel	25%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$1,200	
Plaster	20%			LIFE	* *	5	$800	
Site Enclosure								
Fence/Gates								
Chain Link	98%			2041	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : Throughout								
Explanation : Vegetation Growth								
Iron Picket	2%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2036	$18,500			
Parking/Driveway								
Cast in Place Concrete	25%			2044	* *			
No Component	75%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : East Parking Area								
Explanation : This Is Actually A Gravel And Macadam Surfaced Parking 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								
Molded Case Bkrs	100%			2031	$65,000	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : First Floor								
Explanation : 200 Ampere Main Circuit Breaker								

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FIRE DEPARTMENT - 057
LADDER CO. 79
Asset # : 13222

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%			2041	* *	1		
Panelboards								
Fused Disc Sw	10%			2030	$5,000	5		
Molded Case Bkrs	50%			2039	* *	5	$100	
Molded Case Bkrs	40%			2030	$19,900	5	$100	
Wiring								
Thermoplastic	70%			2031	$23,300	1		
Thermoplastic	30%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2029	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Ground Observed								
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$1,800	
Generators								
Diesel	100%			2040	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 40 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	
Fuel Storage								
Day Tank	50%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 50 Gallons								
Main Tank	50%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 216 Gallons								
Lighting								
Interior Lighting								
Fluorescent	90%			2031	$45,600	10	$4,800	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Incandescent	10%			2031	$7,200	2		
Egress Lighting								
Emergency, Service	70%			2031	$2,500	1		
Exit, LED	30%			2046	* *	1		

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FIRE DEPARTMENT - 057
LADDER CO. 79
Asset # : 13222

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%			2031	$13,600	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								
Natural Gas	100%			2051	* *	1		
Corroded, Extent : Light, Area Affected : 100%								
Location : Cellar								
Conversion Equipment								
Steam Boiler	100%			2036	$50,800	1	$5,800	
Distribution								
Steam Piping/Pump	100%			2041	* *			
Terminal Devices								
Convector/Radiator	100%			2036	$47,700	1	$1,900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Split Unit	10%			2031	$13,800			
Window/Wall Unit	50%			2027	$11,000	1		
No Component	40%							
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2	$3,800	
No Component	50%							
Terminal Devices								
Air Handler/Dir Expansion	50%			2031	$33,500	1		
No Component	50%							
Heat Rejection								
Air Cooled Condenser Unit	50%			2031	$5,100	2	$2,000	
No Component	50%							
Ventilation								
Exhaust Fans								
Interior	80%	Now	$1,000	2031	$20,700	2	$100	
Broken, Extent : Severe, Area Affected : 10%								
Location : 1st Floor Bathroom								
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : 1st Floor Bathroom								
Wall Unit	20%	Now	$200	2031	$500	2		
Broken, Extent : Severe, Area Affected : 30%								
Location : Kitchen Hood								

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FIRE DEPARTMENT - 057
LADDER CO. 79
Asset # : 13222

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%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2027	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 75 Gallons								
Sanitary Piping								
Cast Iron	100%	Now	$7,300	LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 30%								
Location : Backs Up In Basement								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2036	$2,600	1	$400	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
No Component	90%							
Generic	10%			2027	$5,800	1-10	$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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **LADDER CO. 8**		
Address	: **14 NORTH MOORE STREET @ VARICK ST.**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSLAD.008 / 13216**	**Yr Built/Renovated**	: **1904 / 2002**
Area Sq Ft	: **6,258**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **12-Oct-2021**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **189** **Lot** : **35**	**BIN**	: **1002150**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical		$59,400
Total		**$59,400**
Importance Code B		$59,400
Total		**$59,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture				$7,800
Interior Architecture	$31,700	$4,700		$100
Electrical	$200	$200	$200	$300
Mechanical	$3,100	$3,000	$3,500	$3,100
Site Enclosure	$10,000			
Total	**$45,100**	**$8,000**	**$3,800**	**$11,300**
Importance Code A	$300	$300	$300	$8,100
Importance Code B	$3,000	$7,700	$3,500	$3,200
Importance Code C	$41,700			
Total	**$45,100**	**$8,000**	**$3,800**	**$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
LADDER CO. 8
Asset # : 13216

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%			LIFE	* *	5	$12,000	
Masonry: Brick	30%			LIFE	* *	5	$9,000	
Masonry: Granite	5%			LIFE	* *	5	$1,100	
Masonry: Limestone	10%			LIFE	* *	5	$2,300	
Recent Repair Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Metal Sect. OHD	15%			2050	* *	5	$14,100	
Windows								
Aluminum	100%			2055	* *	5	$1,500	
Parapets								
Masonry: Brick	90%			LIFE	* *	5	$2,400	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Throughout								
Masonry: Limestone	10%			LIFE	* *	5	$300	
Roof								
Modified Bitumen	100%			2041	* *	10	$5,900	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$4,100	
Cast in Place Concrete	20%			LIFE	* *	5	$4,100	
Sheet Vinyl/Rubber	5%			2043	* *	5	$700	
Traffic Topping	5%			2041	* *	5	$600	
Wood	50%			2068	* *	5	$8,800	
Interior Walls								
Ceramic Tile	5%			2046	* *	5	$600	
Concrete Masonry Unit	2%			LIFE	* *	5	$100	
Fiberglass Panel	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mezzanine								
Explanation : Foam Insulation Covering								
Gypsum Board	33%			LIFE	* *	5	$2,600	
Masonry: Brick	20%			LIFE	* *			
Painted Surfaces, Extent : Severe, Area Affected : 100%								
Location : Basement								
Plaster	10%			LIFE	* *	5	$400	
SGFT/Glazed Masonry	25%	Now	$31,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Room								
Ceilings								
AcousTileSusp.Lay-In	3%			2050	* *	5	$300	
Embossed Metal	40%			LIFE	* *	5	$1,700	
Exposed Struc: Concrete	2%			LIFE	* *	5		
Exposed Struc: Steel	20%			LIFE	* *			
Gypsum Board	30%			LIFE	* *	5	$3,500	
Wood	5%			LIFE	* *	5	$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
LADDER CO. 8
Asset # : 13216

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								
Iron Picket	100%			2068	* *			
Free Standing Walls								
Masonry: Brick	100%	Now	$10,000	2043	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Side Yard								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2046	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Service Equipment Consists Of One 200 Ampere Main Disconnect Switch.								
Raceway								
Conduit	100%			2059	* *	1		
Panelboards								
Molded Case Bkrs	100%			2055	* *	5	$200	
Wiring								
Thermoplastic	100%			2059	* *	1		
Motor Controllers								
Locally Mounted	100%			2050	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								
Interior Lighting								
Fluorescent	5%			2041	* *	10	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Bathrooms And Closets								
Explanation : Fluorescent Fixtures Are T8 Lamp Type. They Are New Fixtures.								
LED	95%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Building								
Explanation : New LED Fixtures Are Installed Throughout The Building.								

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. 8
Asset # : 13216

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	25%			2041	* *	1		
Emergency, Battery	25%			2041	* *	10	$400	
Exit, LED	50%			2068	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2041	* *	1	$2,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior								
Explanation : Surveillance Cameras 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								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2046	* *	1	$3,100	
Distribution								
Hot Wtr Piping/Pump	100%			2049	* *	4	$300	
Terminal Devices								
Convector/Radiator	90%			2046	* *	1	$1,800	
Unit Heater - Steam	10%			2038	* *	4	$100	
Air Conditioning								
Energy Source								
Electricity	100%			2049	* *	1		
Conversion Equipment								
Split Unit	70%			2038	* *			
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	70%			LIFE	* *	2-5	$2,400	
No Component	30%							
Exhaust Fans								
Wall Unit	30%			2043	* *	2	$100	
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	95%			2063	* *	1		
Galvanized Steel	5%			2053	* *	1		

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

FIRE DEPARTMENT - 057
LADDER CO. 8
Asset # : 13216

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 With Tanks								
Gas Fired	100%			2033	$37,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2043	* *	4	$200	
Backflow Preventer								
Generic	100%			2043	* *	1	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Installed On Steam Boiler Connection								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	100%			2033	$59,400	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Explanation : Ansul System, Kitchen Hood Covers 35 Square Feet (5x7).								

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

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **20-May-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **254** **Lot** : **1**	**BIN**	: **4003451**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$314,400	$5,464,600
Interior Architecture	$1,847,100	$386,700
Electrical		$967,000
Mechanical	$1,822,500	$4,339,500
Site Pavements	$60,400	
Total	**$4,044,400**	**$11,157,800**
Importance Code A	$314,400	$5,719,700
Importance Code B	$2,891,400	$5,438,100
Importance Code C	$838,600	
Total	**$4,044,400**	**$11,157,800**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$141,500		$1,500	$3,300
Interior Architecture	$117,900		$1,300	$38,400
Electrical	$44,900	$34,300	$34,600	$37,200
Mechanical	$96,900	$125,600	$54,000	$30,700
Site Pavements	$11,300			
Total	**$412,500**	**$159,900**	**$91,400**	**$109,600**
Importance Code A	$156,200	$15,800	$16,300	$18,600
Importance Code B	$196,400	$144,200	$75,200	$91,000
Importance Code C	$59,900			
Total	**$412,500**	**$159,900**	**$91,400**	**$109,600**

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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
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	69%			LIFE	* *	5	$402,600	
Cast in Place Concrete	6%	Now	$44,000	LIFE	* *	5	$35,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Over Bay Doors East And West Sides								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Over Bay Doors								
Metal Panel	15%			2059	* *	5-10	$120,400	
Metal Sect. OHD	3%	Now	$12,700	2046	* *	5	$5,500	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : East Facade Entrance								
Explanation : Bent Warped								
Metal Coiling Doors	5%	Now	$31,200	2046	* *	5	$9,100	
Bent/Warped Elements, Extent : Moderate, Area Affected : 10%								
Location : East Side Of Building								
Wood Overhead Doors	2%	Now	$40,200	2038	* *	5	$5,800	
Deteriorated Finish, Extent : Light, Area Affected : 100%								
Location : At Loading Docks								
Dry Rot/Decay, Extent : Moderate, Area Affected : 10%								
Location : At Loading Docks								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : At Loading Docks								
Windows								
Aluminum	95%			2055	* *	5	$6,600	
Metal Louvers	5%	Now	$9,600	2042	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 25%								
Location : Throughout								
Parapets								
Cast in Place Concrete	95%			LIFE	* *	5	$155,600	
Metal Panel	5%			2059	* *	5	$3,100	
Roof								
Modified Bitumen	85%			2033	$4,463,100	10	$408,300	
Modified Bitumen	10%	2-4	$91,900	2041	* *			
Blisters, Extent : Light, Area Affected : 5%								
Location : Flat Roofs Adjacent Solar Panels								
Ponding, Extent : Moderate, Area Affected : 10%								
Location : Flat Roofs								
Skylight, Metal/Glass	5%	Now	$135,000	2053	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Main Maintenence Bay								
Soffits								
Cast in Place Concrete	100%	Now	$3,900	LIFE	* *	5	$3,300	
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Main Entrance								
Interior								

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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								
Floors								
Carpet	1%			2032	$45,300	3	$3,800	
Cast in Place Concrete	69%	4+	$751,800	LIFE	* *	5	$386,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2042	* *	5	$12,800	
Terrazzo	5%	0-2	$24,000	LIFE	* *	5	$10,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 1st Floor Lobby								
Vinyl Tile	20%	Now	$141,500	2038	* *	3	$19,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 1st And 2nd Floor								
Interior Walls								
Cast in Place Concrete	35%	Now	$738,800	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Window								
Concrete Masonry Unit	10%			LIFE	* *	5	$11,100	
Gypsum Board	25%	Now	$48,600	LIFE	* *	5	$41,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : 1st Floor								
Masonry: Brick	5%			LIFE	* *			
Plaster	5%			LIFE	* *	5	$4,200	
SGFT/Glazed Masonry	20%	0-2	$99,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Plant Ops Bathrooms								
Ceilings								
AcousTileSusp.Lay-In	25%			2050	* *	5	$64,000	
Exposed Struc: Concrete	48%			LIFE	* *	5	$19,200	
Exposed Struc: Concrete	12%	Now	$115,200	LIFE	* *	5	$4,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Concrete Beam At Storage Area								
Exposed Struc: Steel	5%			LIFE	* *			
Plaster	10%	Now	$39,000	LIFE	* *	5	$16,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Basement Storage								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	* *			
Retaining Walls								
Concrete Masonry Unit	100%			2053	* *			
Site Pavements								

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

FIRE DEPARTMENT - 057
MAINTENANCE GARAGE LIC
Asset # : 2010

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%	Now	$60,400	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Around Grating								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Around Grating								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$11,300	2046	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Steps To Entrance, West Side								
Parking/Driveway								
Cast in Place Concrete	100%			2046	* *			

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	98%			2053	* *	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Basement								
Explanation : Two 3,000 Ampere Main Disconnect Switches								
Fused Disc Sw	2%			2059	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room At Offices Area								
Explanation : One 350 Ampere Main Disconnect Switch For Solar System								
Transformers								
Dry Type	100%			2046	* *	5	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One 225 Kilovolt Amperes 480/277 - 208/120 Volt, 112.5 Kilovolt Amperes, 480/277 - 208/120 Voltage And One 112.5 Kilovolt Amperes, 208/120 -480/277 Voltage For Solar System								
Switchgear / Switchboard								
Air Circuit Breaker	50%			2053	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Low Voltage Power Circuit Breaker								
Fused Disc Sw	50%			2053	* *	5	$400	
Raceway								
Conduit	50%			2053	* *	1		
Conduit	50%			2033	$18,400	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
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
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2049	* *	5	$200	
Fused Disc Sw	5%			2032	$2,500	5	$200	
Molded Case Bkrs	50%			2032	$24,800	5	$2,700	
Molded Case Bkrs	40%			2049	* *	5	$2,200	
Wiring								
Thermoplastic	50%			2053	* *	1		
Thermoplastic	50%			2033	$16,600	1		
Motor Controllers								
Locally Mounted	70%			2046	* *	5	$1,000	
Locally Mounted	30%			2031	$5,500	5	$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,000	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$63,100	
Generators								
Diesel	100%			2042	* *	1	$79,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : Two 750 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$7,600	
Fuel Storage								
Day Tank	50%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room Basement								
Explanation : One 620 Gallons								
Main Tank	50%			2061	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground								
Explanation : One 2,500 Gallons								
Lighting								
Interior Lighting								
Fluorescent	3%			2033	$53,400	10	$5,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Offices, Storage And Basement								
LED	97%			2041	* *			
Egress Lighting								
Emergency, Service	60%			2041	* *	1		
Emergency, Battery	10%			2033	$34,400	10	$4,900	
Exit, Service	30%			2038	* *	1		
Exterior Lighting								
LED	20%			2041	* *			
No Component	80%							
Lightning Protection								

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

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
Lightning Protection								
Arresters/Cabling								
Generic	100%			2061	* *	5	$5,000	
Alarm								
Security System								
Generic	50%			2033	$192,400	1	$38,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera								
Generic	50%			2033	$192,400	1	$38,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Intrusion System And Manual Door Alarm System								
Fire/Smoke Detection								
Generic, Digital	100%			2033	$528,800	1-3	$130,200	

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	50%			2053	* *	1		
Interruptible Gas/Dual Fuel	50%			2053	* *	1		
Conversion Equipment								
Furnace	40%			2033	$255,100	1	$40,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 6 Units								
Furnace	5%			2041	* *	1	$5,100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit								
Heat Pump Air Sourced	5%			2034		2	$3,200	
Steam Boiler	50%			2038	* *	1	$101,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 3 Units								
Distribution								
Steam Piping/Pump	50%	0-2	$41,000	2033	$820,800			
Leak Evident, Extent : Moderate, Area Affected : 2%								
Location : Various Locations								
Steam Traps Faulty, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
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
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								
Terminal Devices								
Convector/Radiator	40%			2038	* *	1	$26,500	
Fan Coil Unit/Heat	10%			2028	$508,300	1	$6,600	
No Component	50%							
Controls								
Electrical	100%			2028	$1,139,700			
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	5%			2041	* *	2	$600	
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Split Unit	10%			2038	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Refrigerant R-410 A								
Window/Wall Unit	15%			2028	$116,500	1		
No Component	70%							
Terminal Devices								
Fan Coil - 2 Pipe	10%			2038	* *	1	$6,600	
No Component	90%							
Heat Rejection								
Dry Cooler	10%			2033	$28,200	2	$14,300	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$114,300	
Exhaust Fans								
Interior	5%			2033	$45,500	2	$300	
Roof	95%	0-2	$18,900	2033	$377,900	2	$4,800	
Not in Service, Extent : Moderate, Area Affected : 15%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2028	$17,100	2		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2028	$41,000	4	$6,500	
Backflow Preventer								
Generic	100%			2038	* *	1	$12,600	

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
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								
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2043	* *	1-5	$103,400	
Sprinkler								
Generic	100%			2033	$2,834,900	1-2	$57,400	
Chemical System								
Dry	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Fuel Station								
Explanation : Covers 40 Square Feet Fuel Station								

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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **MARINE 6/ MARINE DIVISION/ SAFTEY BATTALION - BLDG. 292**		
Address	: **HAMMERHEAD AVE.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRMAR6.000 / 14078**	**Yr Built/Renovated**	: **1893 / 2008**
Area Sq Ft	: **17,024**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **04-Jun-2021**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **2023** **Lot** : **1**	**BIN**	: **3335122**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture	$87,200	$342,000
Electrical		$65,000
Mechanical	$107,700	$192,200
Total	**$194,900**	**$599,200**
Importance Code B	$194,900	$529,600
Importance Code C		$69,600
Total	**$194,900**	**$599,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$55,900			$1,500
Interior Architecture	$56,600			$2,400
Electrical	$4,200	$1,300	$1,300	$1,500
Mechanical	$67,600	$3,800	$3,500	$50,800
Total	**$184,400**	**$5,200**	**$4,800**	**$56,200**
Importance Code A	$56,800	$900	$800	$2,300
Importance Code B	$104,300	$4,300	$3,900	$53,900
Importance Code C	$23,300			
Total	**$184,400**	**$5,200**	**$4,800**	**$56,200**

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.
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FIRE DEPARTMENT - 057

MARINE 6/ MARINE DIVISION/ SAFTEY BATTALION - BLDG. 292

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%	Now	$42,100	LIFE	* *	5	$10,200	
Rusting Masonry Supt, Extent : Moderate, Area Affected : 10%								
Location : Above Overhead Doors And Various 2nd Floor Windows								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st And 2nd Floors								
Explanation : Facility Occupies Only A Portion Of Building Entire								
Metal Coiling Doors	8%			2045	* *	5	$3,000	
Pre-cast Concrete	7%	Now	$1,200	LIFE	* *	5	$2,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor South Facing Windows								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 15%								
Location : Window Sills								
Windows								
Aluminum	25%			2048	* *	5	$100	
Steel	75%	Now	$12,700	2057	* *	5	$1,800	
Corrosion/Rusting, Extent : Moderate, Area Affected : 35%								
Location : Exterior And Interior Mullions Throughout								
Glazing Broken/Cracked, Extent : Severe, Area Affected : 5%								
Location : Shops Area. 1st Floor								
Caulking Deteriorated, Extent : Severe, Area Affected : 50%								
Location : 1st And 2nd Story Windows								
Interior								
Floors								
Cast in Place Concrete	45%	Now	$16,700	LIFE	* *	5	$21,500	
Horizontal Cracks, Extent : Light, Area Affected : 5%								
Location : First Floor Shop								
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
Location : Shops, Apparatus Area								
Worn/Erode, Extent : Light, Area Affected : 15%								
Location : Shops, Apparatus Area								
Ceramic Tile	5%	Now	$3,100	2035	$61,500	5	$500	
Deteriorated Finish, Extent : Moderate, Area Affected : 20%								
Location : Water Area At Showers And Sinks								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 20%								
Location : Water Area At Showers And Sinks								
Ceramic Tile	2%			2041	* *	5	$400	
Quarry Tile	8%			2045	* *	5	$2,600	
Vinyl Tile	35%	0-2	$10,500	2032	$210,900	3	$2,900	
Worn/Erode, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor. Throughout Offices And Bunk Rooms								
Vinyl Tile 9" X 9"	5%			2027	$87,200	3	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Areas And Safety Locker Room								
Explanation : 9x9s Installed								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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FIRE DEPARTMENT - 057

MARINE 6/ MARINE DIVISION/ SAFTEY BATTALION - BLDG. 292

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
Interior								
Interior Walls								
Ceramic Tile	5%	Now	$1,400	2035	$69,600	5	$600	
Diagonal Cracks, Extent : Moderate, Area Affected : 5%								
Location : Toilet and shower Rooms								
Ceramic Tile	5%			2041	* *	5	$1,300	
Concrete Masonry Unit	40%	Now	$19,000	LIFE	* *	5	$4,100	
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout Corridors								
Glass: Single Pane	5%			LIFE	* *	5	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Corridor On 2nd Floor								
Explanation : Interior Window Wall								
Gypsum Board	40%	Now	$2,800	LIFE	* *	5	$6,100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Baseboard Missing. 2nd Floor Corridors								
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Various Locations Throughout								
Wood	5%			LIFE	* *	5	$5,100	
Ceilings								
AcousTileConcealSpLn	5%	0-2	$400	2045	* *	5	$700	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Sout Facing Office. 2nd Floor								
AcousTileSusp.Lay-In	35%	Now	$2,500	2045	* *	5	$3,800	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Various Locations Throughout								
Embossed Metal	5%			LIFE	* *	5	$500	
Exposed Struc: Concrete	55%			LIFE	* *	5	$1,900	
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	100%			2037	* *			
Parking/Driveway								
Asphalt	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%			2032	$15,100	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor								
Explanation : Main Service Disconnect Switch Rated At 1200 Amperes.								

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FIRE DEPARTMENT - 057

MARINE 6/ MARINE DIVISION/ SAFTEY BATTALION - BLDG. 292

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
Under 600 Volts								
Transformers								
Dry Type	100%			2037	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 45 Kilovolt Amperes, 480 Volts Primary, 208/120 Volts Secondary								
Switchgear / Switchboard								
Fused Disc Sw	100%			2032	$65,000	5	$100	
Raceway								
Conduit	100%			2042	* *	1		
Panelboards								
Fused Disc Sw	10%			2040	* *	5		
Molded Case Bkrs	90%			2040	* *	5	$400	
Wiring								
Thermoplastic	100%			2042	* *	1		
Motor Controllers								
Locally Mounted	100%			2037	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2045	* *	1	$5,200	
Generators								
Diesel	100%			2041	* *	1	$6,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Two Emergency Generators Rated At 500 Kilovolt Amperes And 125 Kilovolt Amperes.								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$600	
Fuel Storage								
Main Tank	100%			2060	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : Two Main Tanks With 875 Gallons Rated Capacity And 240 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2040	* *			
Egress Lighting								
Emergency, Service	50%			2037	* *	1		
Exit, Service	50%			2032	$3,700	1		
Exterior Lighting								
HID	30%			2032	$23,800	10		
No Component	70%							
Alarm								

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FIRE DEPARTMENT - 057

MARINE 6/ MARINE DIVISION/ SAFTEY BATTALION - BLDG. 292

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
Alarm								
Security System								
No Component	80%							
Generic	20%			2037	* *	1	$1,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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%			2042	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2037	* *	1	$8,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Boiler Room								
Explanation : Six Tendon Of Caravan Boilers								
Distribution								
Hot Wtr Piping/Pump	100%			2031	$37,200	4	$1,300	
Terminal Devices								
Air Handler	60%			2032	$192,200	1	$6,300	
Convector/Radiator	25%			2037	* *	1	$1,400	
Unit Heater - Hot Water	15%			2032	$15,100			
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	40%	Now	$32,300	2030	$107,700	2	$300	
Malfunctioning, Extent : Light, Area Affected : 10%								
Location : 2nd Floor								
R-22 Refrigerant, Extent : Light, Area Affected : 40%								
Location : 2nd Floor								
Split Unit	20%			2037	* *			
Other Observation, Extent : Light, Area Affected : 30%								
Location : 1st Floor Machine Shop								
Explanation : 3 Units. R-410a								
Window/Wall Unit	20%			2027	$12,900	1		
No Component	20%							
Terminal Devices								
Fan Coil - 2 Pipe	20%			2037	* *	1	$1,100	
No Component	80%							
Heat Rejection								
Evaporative Condenser	20%			2040	* *	2	$2,400	
No Component	80%							

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FIRE DEPARTMENT - 057

MARINE 6/ MARINE DIVISION/ SAFTEY BATTALION - BLDG. 292

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
Ventilation								
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2-5	$5,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Garage								
Explanation : Serves Garage Only								
No Component	40%							
Exhaust Fans								
Interior	50%			2032	$37,800	2	$300	
Wall Unit	30%			2032	$2,200	2	$200	
No Component	20%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	$10,900	2042	* *	1		
Leak Evident, Extent : Moderate, Area Affected : 10%								
Location : Battalion Marine Room								
Water Heater With Tanks								
Electric	100%			2030	$47,300	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Kitchen And Bathrooms								
Fire Suppression								
Standpipe								
Generic	100%			2052	* *	1-5	$8,600	
Sprinkler								
Generic	100%			2042	* *	1-2	$4,800	
Fire Pump								
Not Accessible	100%							
Chemical System								
No Component	90%							
Generic	10%			2027	$5,800	1-10	$2,900	
Dry System, Extent : Light, Area Affected : 10%								
Location : Kitchen Ansul System								

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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **MARINE 9 RESPONSE UNIT**
Address : **FRONT AND WAVE STREETS @ WATERFRONT**
Borough : **STATEN ISLAND**
Program / Asset # : **FIRMAR9.000 / 14079**
Area Sq Ft : **8,000**
Date of Survey : **19-Dec-2024**
Areas Surveyed : **Roof, Floors 1,2**
Block : **487** **Lot** : **100**

Agency's Number : **N/A**
Yr Built/Renovated : **2011 /**
Project Type : **FIRE DEPARTMENT**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Electrical		$54,600
Mechanical		$94,600
Total		**$149,200**
Importance Code B		$149,200
Total		**$149,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$67,200		$1,700	
Interior Architecture	$26,600			$3,100
Electrical	$2,600	$1,300	$1,400	$1,500
Mechanical	$28,500	$800	$3,800	$800
Total	**$124,800**	**$2,100**	**$6,800**	**$5,400**
Importance Code A	$67,200		$1,700	
Importance Code B	$47,400	$2,100	$5,100	$3,700
Importance Code C	$10,200			$1,700
Total	**$124,800**	**$2,100**	**$6,800**	**$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
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	$10,800	
Concrete Masonry Unit	30%			LIFE	* *	5	$8,100	
Metal Panel	30%	Now	$21,500	2056	* *	5	$12,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : 2nd Floor Balcony								
Caulking Deteriorated, Extent : Light, Area Affected : 10%								
Location : Front Facade Near Entry Area								
Metal Sect. OHD	5%			2049	* *	5	$3,400	
Window Wall	30%	Now	$19,700	2056	* *	5	$12,200	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Front Lobby								
Windows								
Aluminum	100%			2052	* *	5	$2,400	
Parapets								
Metal Rail	90%	0-2	$15,000	2049	* *	5	$7,900	
Corrosion/Rusting, Extent : Light, Area Affected : 30%								
Location : Roof Metal Fence								
Metal: Cage/Fence	10%	0-2	$300	2049	* *	5	$400	
Corrosion/Rusting, Extent : Light, Area Affected : 20%								
Location : Fence Post								
Roof								
Green, Roof Inaccessible	100%	Now		LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Bunk Room, Gymnasium, Front Lobby								
Explanation : Water Penetration								
Soffits								
Metal Panel	100%			2056	* *	5-10	$5,100	
Interior								
Floors								
Cast in Place Concrete	15%	Now	$2,400	LIFE	* *	5	$3,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Garage								
Ceramic Tile	25%			2045	* *	5	$2,400	
Panel/Paver: Cer/Brk	30%			2052	* *	5	$6,400	
Sheet Vinyl/Rubber	5%			2041	* *	5	$700	
Vinyl Tile	25%	Now	$1,300	2041	* *	3	$900	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Male Locker								
Interior Walls								
Ceramic Tile	25%			2045	* *	5	$3,300	
Gypsum Board	60%	Now	$2,200	LIFE	* *	5	$4,800	
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Entry Lobby And Company Lobby								
Wood	15%			LIFE	* *	5	$16,000	

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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FIRE DEPARTMENT - 057
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
Interior								
Ceilings								
AcousTileSusp.Lay-In	85%	0-2	$6,600	2049	* *	5	$4,000	
Staining/Discoloring, Extent : Light, Area Affected : 20%								
Location : Throughout First And Second Floor								
Exposed Struc: Steel	15%			LIFE	* *	10	$2,800	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2056	* *			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	50%			2049	* *			
Steel Grating	50%			2056	* *	1		
Parking/Driveway								
Cast in Place Concrete	100%			2049	* *			

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%			2056	* *	3		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : 600 Amperes,								
Transformers								
Dry Type	100%			2049	* *	3		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 750 Kilovolt Ampere, 4,160/480/277 Volts, One 750 Kilovolt Ampere, 13.2 Kilovolt /480/277 Volts								
Feeders								
Cable	100%			2052	* *	1		
Raceway								
Conduit	100%			2056	* *	1		
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2056	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 800 Amperes.								
Transformers								
Dry Type	100%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room And Outside								
Explanation : Three 112.5 Kilovolt Ampere, 480/208/120 Volts And 30 Kilovolt Ampere, 45 Kilovolt Ampere 480/208/120 Volts								

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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
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2056	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Vertical Section								
Raceway								
Conduit	100%			2056	* *	1		
Panelboards								
Fused Disc Sw	15%			2052	* *	5		
Molded Case Bkrs	85%			2052	* *	5	$200	
Wiring								
Thermoplastic	100%			2056	* *	1		
Motor Controllers								
Locally Mounted	100%			2049	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Water Main Room								
Explanation : Connected To Metal Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2049	* *	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : Rated At 1,200 Amperes, Eaton 300 Automatic Transfer Switch Controller								
Generators								
Diesel	100%			2045	* *	1	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : Emergency Generator Rated At 562.5 Kilovolt Ampere Or 450 Kilovolt Ampere								
Batteries								
Nickel Cadmium	100%			2031	$2,500	5	$1,800	
Fuel Storage								
Main Tank	100%			2064	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : 800 Gallons Rated Capacity								
Lighting								

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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
Lighting								
Interior Lighting								
Fluorescent	90%			2036	$49,100	10	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps, Equipped With Occupancy Sensors								
Fluorescent	10%			2036	$5,500	10	$600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Hallways								
Egress Lighting								
Emergency, Service	50%			2036	$1,900	1		
Exit, Service	50%			2036	$1,400	1		
Exterior Lighting								
LED	20%			2044	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2036	$15,000	1	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : 9 CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2036	$20,600	1-3	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detectors, Heat Detector, Manual Pull Station, Alarm Bells 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								
Electricity	50%			2056	* *	1		
Solar Panels	50%			2056	* *	2	$200	
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$2,800	
No Component	50%							
Terminal Devices								
Air Handler	50%			2041	* *	1	$1,900	
Fan Coil Unit/Heat	30%			2041	* *	1	$600	
Other Observation, Extent : Light, Area Affected : 20%								
Location : 1st Floor Garage								
Explanation : Electric Fan Coil Unit Heater.								
No Component	20%							

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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
Heating								
Controls								
Electrical	100%	2-4	$4,400	2034	$44,500			
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Various Locations. Thermostat Is Not Adequate. Design Related Problem								
Air Conditioning								
Energy Source								
Electricity	100%			2061	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2041	* *	2	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 3 Rooftop Package Units With Refrigerant R- 410a								
Distribution								
Ductwork/Diffusers	70%	Now	$19,300	LIFE	* *	2	$5,700	
Controller Not Working, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
No Component	30%							
Terminal Devices								
Air Handler/Dir Expansion	100%			2041	* *	1		
Heat Rejection								
Evaporative Condenser	100%			2041	* *	2	$4,400	
Dehumidifier								
Generic	100%			2037	* *			
Other Observation, Extent : N/A, Area Affected : 20%								
Location : 2nd Floor								
Explanation : 2 Units								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,600	
Exhaust Fans								
Roof	15%			2041	* *	2		
No Component	85%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Roof								
Explanation : HVAC System								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2056	* *	1		
Water Heater With Tanks								
Electric	100%			2034	$94,600	4		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : First Floor Mechanical Room								
Explanation : 2 Units. 100 Gallons Each. Hot Water Solar Panels Are Used To Heat The Water								

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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
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2041	* *	1	$400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2056	* *	1-2	$1,800	
Chemical System								
No Component	90%							
Generic	10%			2034	$5,800	1-10	$2,900	

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	:	**RESCUE 1**			
Address	:	**530 WEST 43rd STREET BTWN 10TH AVE. - 11TH AVE.**			
Borough	:	**MANHATTAN**	**Agency's Number**	:	**N/A**
Program / Asset #	:	**FIRSRES.001 / 13227**	**Yr Built/Renovated**	:	**1988 /**
Area Sq Ft	:	**6,700**	**Project Type**	:	**FIRE DEPARTMENT**
Date of Survey	:	**28-Jan-2025**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Basement, Roof, Floors 1,2,3**			
Block	:	**1071** **Lot** : **49**	**BIN**	:	**1070109**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Mechanical	$129,500	$309,500
Total	**$129,500**	**$309,500**
Importance Code A		$71,200
Importance Code B	$129,500	$238,300
Total	**$129,500**	**$309,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$95,900			
Interior Architecture	$31,300		$4,100	
Electrical	$900	$700	$3,300	$700
Mechanical	$30,700	$3,800	$3,700	$3,800
Elevators/Escalators	$7,200	$7,200	$7,200	$7,200
Total	**$166,000**	**$11,700**	**$18,300**	**$11,700**
Importance Code A	$96,200	$300	$300	$300
Importance Code B	$58,900	$11,300	$17,000	$11,300
Importance Code C	$10,900		$1,000	
Total	**$166,000**	**$11,700**	**$18,300**	**$11,700**

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

FIRE DEPARTMENT - 057

RESCUE 1

Asset # : 13227

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%			LIFE	* *	5	$13,600	
Masonry: Granite	70%	2-4	$29,900	LIFE	* *	5	$14,200	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Wheel Guard, Front Facade								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Front Facade								
Explanation : Impact Damage At Wheel Guard								
Wood Overhead Doors	5%	2-4	$3,900	2049	* *	5	$3,400	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Overhead Doors								
Explanation : Air Infiltration								
Windows								
Aluminum	100%	Now	$2,900	2052	* *	5	$300	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 5%								
Location : Various Locations, Bunk Rooms								
Parapets								
Masonry: Brick	80%			LIFE	* *	5-10	$11,000	
Masonry: Granite	15%			LIFE	* *	5-10	$4,200	
Metal Cornice	5%			2064	* *	10	$300	
Roof								
IRMA/Protected Membrane	95%	Now	$31,500	2041	* *			
Insul Miss/Displaced, Extent : Severe, Area Affected : 10%								
Location : Various Locations. Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Locker Rooms								
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Explanation : Filter Sheet Below Balast Ripped And Damaged								
Skylight, Plastic	5%	Now	$7,700	2049	* *	1		
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Over Kitchen								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Skylight								
Explanation : Caulking Deteriorated								
Soffits								
Granite Panels	100%			LIFE	* *	5		
Interior								

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FIRE DEPARTMENT - 057

RESCUE 1

Asset # : 13227

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	$15,400	
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Basement								
Ceramic Tile	15%			2049	* *	5	$1,500	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Bathrooms								
Quarry Tile	10%			2049	* *	5	$1,500	
Sheet Vinyl/Rubber	10%			2041	* *	5	$1,500	
Vinyl Tile	30%			2041	* *	3	$1,100	
Interior Walls								
Ceramic Tile	15%			2049	* *	5	$2,000	
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : Bathrooms								
Concrete Masonry Unit	50%			LIFE	* *	5	$5,300	
SGFT/Glazed Masonry	35%	2-4	$8,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	25%			2049	* *	5	$2,500	
Gypsum Board	5%			LIFE	* *	5-10	$1,700	
Metal Panel	70%	Now	$11,600	LIFE	* *	5	$8,800	
Other Observation, Extent : Severe, Area Affected : 80%								
Location : Bunk Rooms								
Explanation : Paint Peeling								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			

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	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2046	* *	5	$200	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Fused Disc Sw	5%			2044	* *	5		
Molded Case Bkrs	95%			2044	* *	5	$200	

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FIRE DEPARTMENT - 057

RESCUE 1

Asset # : 13227

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%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$2,100	
Generators								
Diesel	100%			2039	* *	1	$2,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Rate At 80 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$200	
Fuel Storage								
Day Tank	10%			2044	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 60 Gallons Rated Capacity								
Main Tank	90%			2051	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : 550 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2041	* *			
Egress Lighting								
Emergency, Service	100%			2041	* *	1		
Exterior Lighting								
LED	5%			2041	* *			
No Component	95%							
Alarm								
Security System								
Generic	100%			2044	* *	1	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside								
Explanation : CCTV Surveillance Cameras								

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								

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FIRE DEPARTMENT - 057

RESCUE 1

Asset # : 13227

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								
Interruptible Gas/Dual Fuel	100%			2036	$15,400	1		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : One Unit, 500 Gallons								
Conversion Equipment								
Hot Water Boiler	100%			2034	$71,200	1	$3,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : Modular Boiler. Bank Of Three								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$700	2044	* *	4	$300	
Leak Evident, Extent : Light, Area Affected : 10%								
Location : Basement - Boiler Room								
Terminal Devices								
Air Handler	15%	Now	$3,800	2031	$18,900	1	$600	
Broken, Extent : Light, Area Affected : 100%								
Location : 1st Floor - Sitting Room, Toilet Room								
Convector/Radiator	60%			2041	* *	1	$1,300	
Unit Heater - Hot Water	25%	Now	$3,000	2031	$9,900			
Unit Inoperable, Extent : Light, Area Affected : 100%								
Location : Garage								
Controls								
Pneumatic	100%			2030	$129,500			
Air Conditioning								
Energy Source								
Electricity	100%			2058	* *	1		
Conversion Equipment								
Split Unit	70%	Now	$11,100	2036	$111,400			
Broken, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Kitchen, 2nd Floor, 3rd Floor								
Window/Wall Unit	15%			2031	$3,800	1		
No Component	15%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Garage								
Explanation : Location Noted								
Heat Rejection								
Air Cooled Condenser Unit	50%			2036	$8,200	2	$2,300	
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$5,900	

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FIRE DEPARTMENT - 057

RESCUE 1

Asset # : 13227

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	33%			2031	$9,800	2	$100	
Roof	34%	Now	$1,800	2036	$4,400	2	$100	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Roof								
Wall Unit	33%			2036	$1,000	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	80%			2036	$68,800	1		
Galvanized Steel	20%			2034	$17,100	1		
Water Heater With Tanks								
Gas Fired	100%			2034	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement - Boiler Room								
Explanation : One Unit, 75mbh 74 Gallons								
Sanitary Piping								
Cast Iron	100%	Now	$4,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 5%								
Location : Basement - Water Meter Room								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$300	2027	$500	4	$100	
Controller Not Working, Extent : Light, Area Affected : 100%								
Location : Basement - Boiler Room								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement To First Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2046	* *	1-2	$1,900	
Chemical System								
Generic	100%			2035	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : One 40 Square Feet Hood								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **02-Jan-2020**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2905** **Lot** : **30**	**BIN**	: **2817127**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture		$161,400
Interior Architecture		$54,200
Electrical		$169,300
Mechanical	$54,300	$163,700
Total	**$54,300**	**$548,700**
Importance Code A		$161,400
Importance Code B	$54,300	$387,300
Total	**$54,300**	**$548,700**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$3,400		$16,100	$9,600
Interior Architecture	$50,900		$1,400	$1,800
Electrical	$4,900	$1,700	$1,700	$1,800
Mechanical	$5,100	$4,600	$27,100	$4,200
Total	**$64,300**	**$6,300**	**$46,300**	**$17,400**
Importance Code A	$4,400	$1,000	$17,000	$10,600
Importance Code B	$59,900	$5,300	$29,200	$5,400
Importance Code C				$1,300
Total	**$64,300**	**$6,300**	**$46,300**	**$17,400**

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

RESCUE 3

Asset # : 14463

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%			LIFE	* *	5	$3,400	
Fiberglass Panel	15%			2040	* *	5	$19,300	
Masonry: Brick	30%			LIFE	* *	5	$10,300	
Metal/Glass Curt Wall	3%			LIFE	* *	5	$1,900	
Metal Panel	40%			2051	* *	5-10	$94,200	
Metal Coiling Doors	10%			2044	* *	5	$10,700	
Windows								
Aluminum	100%			2047	* *	5	$1,200	
Parapets								
Cast in Place Concrete	10%			LIFE	* *	5	$2,500	
Metal Panel	5%			2051	* *	5	$500	
Metal Rail	10%			2044	* *	5-10	$4,400	
No Component	75%							
Roof								
IRMA/Protected Membrane	15%			2036	$92,900	10	$3,900	
Metal, Corrugated	60%	Now	$2,800	2044	* *	1		
Water Penetration, Extent : Severe, Area Affected : 5%								
Location : Perimeter Near Skylights Into Office, Bunker Roof, Open Stairwell								
Modified Bitumen	10%			2036	$28,600	10	$2,600	
Plaza Roof: Stone Panels	10%			2051	* *			
Skylight, Metal/Glass	5%			2051	* *	10	$4,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Kitchen Skylight								
Soffits								
Stucco Cement	100%			2044	* *	5	$18,000	
Interior								
Floors								
Cast in Place Concrete	85%	4+	$42,200	LIFE	* *	5	$54,200	
Worn/Erode, Extent : Light, Area Affected : 20%								
Location : Apparatus Area								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Apparatus Area								
Explanation : Epoxy Coating Peeling Away								
Ceramic Tile	3%			2040	* *	5	$900	
Sheet Vinyl/Rubber	2%			2036	$38,200	5	$900	
Wood	10%	4+	$8,700	2059	* *	5	$2,700	
Worn/Erode, Extent : Light, Area Affected : 35%								
Location : Corridors Throughout, Steps, Main Office 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.*

FIRE DEPARTMENT - 057

RESCUE 3

Asset # : 14463

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								
Cast in Place Concrete	10%			LIFE	* *			
Ceramic Tile	5%			2040	* *	5	$2,700	
Concrete Masonry Unit	15%			LIFE	* *	5	$3,200	
Fiberglass Panel	30%			LIFE	* *			
Glass: Single Pane	5%			LIFE	* *	5	$2,000	
Gypsum Board	20%			LIFE	* *	5	$6,400	
Masonry: Brick	5%			LIFE	* *			
Steel Plate	5%			LIFE	* *	5	$1,600	
Wood	5%			LIFE	* *	5	$10,700	
Ceilings								
AcousTileSusp.Lay-In	10%			2044	* *	5	$2,800	
Exposed Struc: Steel	70%			LIFE	* *			
Other Observation, Extent : N/A, Area Affected : 65%								
Location : Throughout								
Explanation : This Material Is Actually Metal Decking.								
Gypsum Board	5%			LIFE	* *	5	$1,800	
Metal Panel	15%			LIFE	* *	5	$5,300	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2051	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2044	* *			
Parking/Driveway								
Asphalt	100%			2040	* *			

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%			2051	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2051	* *	5	$500	
Raceway								
Conduit	100%			2051	* *	1		
Panelboards								
Fused Disc Sw	5%			2047	* *	5		
Molded Case Bkrs	95%			2047	* *	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

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								
Wiring								
Thermoplastic	100%			2051	* *	1		
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	* *	1	$6,000	
Generators								
Diesel	100%			2040	* *	1	$7,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 250 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$700	
Fuel Storage								
Day Tank	50%			2047	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 100 Gallons								
Main Tank	50%			2059	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 3,000 Gallons								
Lighting								
Interior Lighting								
Fluorescent	95%			2036	$160,800	10	$17,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	5%			2036	$8,500	10	$900	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Second Floor								
Egress Lighting								
Emergency, Service	50%			2036	$6,000	1		
Exit, LED	50%			2059	* *	1		
Exterior Lighting								
Fluorescent	20%			2036	$15,500	10	$400	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Outside								
No Component	80%							
Alarm								

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

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
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2036	$15,100	1-3	$3,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Hallways And Offices								
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								
Natural Gas	100%			2051	* *	1		
Conversion Equipment								
Furnace	35%			2036	$21,200	1	$3,400	
Other Observation, Extent : Light, Area Affected : 35%								
Location : Roof								
Explanation : 2 Rooftop Package Units. Temperature Control Problem. Unit Blowing Cold Air In Winter.								
Hot Water Boiler	65%			2044	* *	1	$6,300	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Building Management System								
Other Observation, Extent : Light, Area Affected : 65%								
Location : Basement								
Explanation : 1 Boiler								
Distribution								
Hot Wtr Piping/Pump	65%			2047	* *	4	$900	
No Component	35%							
Terminal Devices								
Convector/Radiator	30%			2048	* *	1	$1,900	
Unit Heater - Steam	40%			2039	* *	4	$1,100	
No Component	30%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2036	$163,700	2	$600	
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Roof								
Explanation : 2 Package Units. Refrigerant R-410a								
No Component	50%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$10,900	

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

FIRE DEPARTMENT - 057

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
Ventilation								
Exhaust Fans								
Interior	50%			2039	* *	2	$300	
Roof	50%			2039	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2057	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2029	$17,100	2		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units About 125 Gallons Each								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Kitchen								
Explanation : Kitchen Sink Occasional Backup								
Sewage Ejector(s)								
Electric	100%			2036	$10,200	4	$1,200	
Backflow Preventer								
Generic	100%			2036	$8,700	1	$1,200	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
No Component	20%							
Generic	80%			2051	* *	1-2	$4,400	
Chemical System								
Wet	100%			2029	$54,300	1-10	$29,000	

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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **SPECIAL OPERATIONS COMMAND**		
Address	: **750 MAIN ST., ROOSEVELT ISLAND**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSSPE.000 / 13229**	**Yr Built/Renovated**	: **1976 /**
Area Sq Ft	: **6,656**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **20-Oct-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Floors 1,2**		
Block	: **1373** **Lot** : **1**	**BIN**	: **1083213**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$71,400	
Interior Architecture		$82,600
Electrical	$101,800	$65,000
Mechanical	$94,600	$165,000
Site Pavements	$1,139,900	
Total	**$1,407,800**	**$312,600**
Importance Code A	$71,400	
Importance Code B	$367,400	$312,600
Importance Code C	$969,000	
Total	**$1,407,800**	**$312,600**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$2,400		$7,800	
Interior Architecture	$65,600			$400
Electrical	$3,100	$600	$2,700	$500
Mechanical	$14,700	$500	$400	$200
Site Enclosure	$8,200			
Total	**$93,900**	**$1,000**	**$10,900**	**$1,100**
Importance Code A	$2,400		$7,800	
Importance Code B	$58,300	$1,000	$3,100	$1,100
Importance Code C	$33,300			
Total	**$93,900**	**$1,000**	**$10,900**	**$1,100**

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

FIRE DEPARTMENT - 057
SPECIAL OPERATIONS COMMAND
Asset # : 13229

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	70%	Now	$71,400	LIFE	* *	5	$4,200	1
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Metal Panel	20%			2054	* *	5-10	$13,100	
Wood Overhead Doors	10%			2047	* *	5	$4,800	
Windows								
Aluminum	100%			2056	* *	5	$2,200	
Parapets								
Metal Panel	100%			2054	* *	5	$8,400	
Roof								
Modified Bitumen	100%			2042	* *	10	$18,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Roof								
Explanation : Surveyor Unable To Access Roof.								
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5	$2,200	
Interior								
Floors								
Cast in Place Concrete	60%	Now	$10,200	LIFE	* *	5	$13,100	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout Basement, Ground Water Penetration								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement								
Explanation : Flooding 2 Feet High Of Water, Measured From Basement Floor								
Ceramic Tile	5%	Now	$1,400	2043	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Toilets								
Quarry Tile	5%	Now	$1,800	2047	* *	5	$400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Vinyl Tile	30%	Now	$16,500	2034	$82,600	3	$1,100	
Adhesion Failure, Extent : Severe, Area Affected : 50%								
Location : Basement								
Water Penetration, Extent : Severe, Area Affected : 80%								
Location : Basement								
Worn/Erode, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 20%								
Location : 2nd Floor								
Explanation : Mezzanine								

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

FIRE DEPARTMENT - 057
SPECIAL OPERATIONS COMMAND
Asset # : 13229

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								
Cast in Place Concrete	10%	Now	$32,900	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Throughout Basement, Ground Water Penetration								
Ceramic Tile	5%			2037	* *	5	$700	
Concrete Masonry Unit	50%			LIFE	* *	5	$2,900	
Plywood/Hardboard	5%			LIFE	* *			
SGFT/Glazed Masonry	30%			LIFE	* *			
Ceilings								
AcousTileConcealSpLn	30%	Now	$2,400	2039	* *	5	$1,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Concrete	20%			LIFE	* *	5	$300	
Gypsum Board	10%			LIFE	* *	5	$1,200	
Metal Panel	40%			LIFE	* *	5	$5,000	
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%	0-2	$8,200	2069	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Concrete Curb								
Site Pavements								
Public Sidewalk								
Pavers/Stone	100%	Now	$171,000	2047	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 40%								
Location : Front And Sides Of Building								
On-Site Walkways								
Pavers/Stone	100%	Now	$65,100	2047	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Right Side Area								
Parking/Driveway								
Pavers/Stone	100%	Now	$903,900	2037	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Main Driveway For Apparatus								

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	$15,100	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Electrical Room								
Explanation : One 400 Ampere Service Switch								

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

FIRE DEPARTMENT - 057
SPECIAL OPERATIONS COMMAND
Asset # : 13229

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								
Transformers								
Dry Type	100%			2032	$26,700	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement Electrical Room								
Explanation : One 225 Kilovolt-ampere Unit								
Switchgear / Switchboard								
Fused Disc Sw	100%			2034	$65,000	5		
Raceway								
Conduit	100%			2034	$36,800	1		
Panelboards								
Molded Case Bkrs	100%			2033	$49,600	5	$200	
Wiring								
Thermoplastic	100%			2034	$33,300	1		
Motor Controllers								
Locally Mounted	100%			2032	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2032	$13,200	1	$2,100	
Generators								
Diesel	100%			2030	$101,800	1	$2,600	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement, Generator Room								
Explanation : 225 Kilovolt-ampere Unit.								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$200	
Fuel Storage								
Day Tank	10%			2033	$2,600	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Generator Room								
Explanation : 20 Gallon Tank								
No Component	90%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location :								
Explanation : Primary Function Of Tanks Is Fuel For Fire Trucks.								
Lighting								
Interior Lighting								
LED	100%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$800	
Exit, Service	50%			2029	$1,400	1		
Exterior Lighting								
LED	20%			2039	* *			
No Component	80%							

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

FIRE DEPARTMENT - 057
SPECIAL OPERATIONS COMMAND
Asset # : 13229

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								
Fan Coil Unit/Heat	100%			2034	$165,000	1	$2,200	
Other Observation, Extent : Light, Area Affected : 75%								
Location : 1st And 2nd Floor								
Explanation : 10 Hung Units								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	10%			2034	$11,200	2		
Split Unit	20%			2034	$31,600			
Window/Wall Unit	40%			2027	$10,100	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mezzanine Floors								
Explanation : 2 Window Units								
No Component	30%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%	0-2	$4,400	LIFE	* *	2-5	$1,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Room								
Explanation : Trane Ceiling Cabinet Fan								
No Component	70%							
Exhaust Fans								
Roof	100%			2039	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Electric	100%			2029	$94,600	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 100 Gallons Each								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Blockage /Clogged, Extent : Severe, Area Affected : 20%								
Location : Basement. Water Backing Up From The Drains Every Time When Raining								
Sump Pump(s)								
Submersible	100%			2028	$200	4	$200	
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **SQUAD 1**		
Address	: **788 UNION STREET BTWN 6TH AVE - 7TH AVE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSSQU.001 / 13230**	**Yr Built/Renovated**	: **1907 /**
Area Sq Ft	: **5,708**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **14-Sep-2022**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **957** **Lot** : **23**	**BIN**	: **3020193**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$73,500	
Interior Architecture	$53,000	
Electrical		$65,000
Mechanical		$54,200
Total	**$126,600**	**$119,200**
Importance Code A	$73,500	$65,000
Importance Code B		$54,200
Importance Code C	$53,000	
Total	**$126,600**	**$119,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$18,100		$5,700	
Interior Architecture	$71,400			$200
Electrical	$300	$200	$4,500	$200
Mechanical	$2,800	$3,200	$11,900	$3,200
Total	**$92,600**	**$3,500**	**$22,200**	**$3,700**
Importance Code A	$18,600	$600	$6,400	$600
Importance Code B	$47,500	$2,900	$15,800	$3,100
Importance Code C	$26,500			
Total	**$92,600**	**$3,500**	**$22,200**	**$3,700**

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

FIRE DEPARTMENT - 057

SQUAD 1

Asset # : 13230

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%	4+	$73,500	LIFE	* *	5	$17,900	
Paint Peeling, Extent : Light, Area Affected : 50%								
Location : East And West Facades								
Masonry: Granite	2%			LIFE	* *	5	$300	
Masonry: Limestone	10%			LIFE	* *	5	$1,700	
Metal Panel	2%			2054	* *	5-10	$3,100	
Wood Overhead Doors	8%			2047	* *	5	$9,200	
Windows								
Aluminum	90%	Now	$2,500	2050	* *	5	$300	
Ctrwt/Balnc Not Funct, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Wood	10%	Now	$2,300	2059	* *	5	$300	
Dry Rot/Decay, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$2,700	
Masonry: Brick	80%	Now	$8,800	LIFE	* *	5	$1,400	
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout Upper Roof								
Roof								
Built-Up (BUR)	90%			2039	* *	10	$4,900	
Skylight, Metal/Glass	10%			2054	* *	10	$1,800	
Interior								
Floors								
Cast in Place Concrete	45%	Now	$5,700	LIFE	* *	5	$7,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor At Trench Drain								
Quarry Tile	11%	Now	$3,000	2047	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Kitchen								
Vinyl Tile	22%	Now	$900	2039	* *	3	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Door Thresholds								
Wood	22%	Now	$9,800	2062	* *	5	$1,500	
Worn/Erode, Extent : Moderate, Area Affected : 50%								
Location : 3rd Floor 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

SQUAD 1

Asset # : 13230

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	38%	Now	$26,500	2043	* *	5	$2,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Apparatus Room And Staircase Throughout								
Masonry: Brick	22%	Now	$53,000	LIFE	* *			
Paint Peeling, Extent : Light, Area Affected : 20%								
Location : Throughout Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Plaster	40%			LIFE	* *	5	$1,500	
Ceilings								
AcousTileSusp.Lay-In	20%			2047	* *	5	$1,600	
Embossed Metal	20%			LIFE	* *	5	$700	
Exposed Struc: Steel	25%	Now	$24,700	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Basement Below Sidewalk								
Metal Panel	5%			LIFE	* *	5	$500	
Plaster	30%			LIFE	* *	5	$1,500	
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Rear Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			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								
Molded Case Bkrs	100%			2034	$65,000	5	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Raceway								
Conduit	95%			2034	$35,000	1		
Conduit	5%			2054	* *	1		
Panelboards								
Molded Case Bkrs	100%			2042	* *	5	$200	
Wiring								
Thermoplastic	100%			2044	* *	1		
Motor Controllers								
Locally Mounted	100%			2032	$18,200	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Lighting								

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

FIRE DEPARTMENT - 057

SQUAD 1

Asset # : 13230

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	10%			2034	$5,000	10	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
LED	90%			2042	* *			
Egress Lighting								
Emergency, Battery	50%			2042	* *	10	$700	
Exit, Battery	50%			2029	$4,000	10	$200	
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							
Alarm								
Security System								
Generic	100%			2042	* *	1	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outdoor								
Explanation : Cameras Security 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								
Natural Gas	100%			2054	* *	1		
Conversion Equipment								
Steam Boiler	100%			2039	* *	1	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%			2044	* *			
Terminal Devices								
Convector/Radiator	100%			2032	$46,700	1	$1,800	
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Split Unit	40%			2034	$54,200			
Window/Wall Unit	40%			2029	$8,600	1		
No Component	20%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$300	
No Component	90%							

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

FIRE DEPARTMENT - 057

SQUAD 1

Asset # : 13230

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%			2039	* *	2		
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 80 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Dry	50%	Now	$600	2034	$29,100	1	$11,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : Model Rg-2.5g								
Generic	50%			2032	$29,100	1-10	$14,500	
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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **SQUAD 18**		
Address	: **132 WEST 10TH STREET**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSSQU.018 / 14075**	**Yr Built/Renovated**	: **1892 / 2001**
Area Sq Ft	: **7,107**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **03-Feb-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **610** **Lot** : **51**	**BIN**	: **1010686**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Interior Architecture		$88,200
Electrical	$58,600	
Total	**$58,600**	**$88,200**
Importance Code B	$58,600	$88,200
Total	**$58,600**	**$88,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$2,500		$5,700	$8,200
Interior Architecture	$35,300	$3,000	$900	
Electrical	$500	$600	$9,300	$500
Mechanical	$5,900	$1,000	$2,200	$1,000
Site Enclosure	$800			
Total	**$45,000**	**$4,600**	**$18,100**	**$9,600**
Importance Code A	$3,200	$700	$6,400	$8,900
Importance Code B	$12,100	$2,100	$11,700	$800
Importance Code C	$29,600	$1,800		
Total	**$45,000**	**$4,600**	**$18,100**	**$9,600**

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

SQUAD 18

Asset # : 14075

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 Iron	5%			LIFE	* *			
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$38,000	
Masonry: Brick	70%			LIFE	* *	5	$22,700	
Masonry: Granite	5%			LIFE	* *	5	$1,200	
Metal Sect. OHD	5%			2047	* *	5	$5,100	
Windows								
Wood	100%			2050	* *	5	$16,300	
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5	$2,200	
Masonry: Brick	80%			LIFE	* *	5	$1,100	
Roof								
Asphalt Shingle	10%			2043	* *	10	$100	
Modified Bitumen	90%			2039	* *	10	$5,700	
Interior								
Floors								
Cast in Place Concrete	23%			LIFE	* *	5	$5,400	
Ceramic Tile	15%			2043	* *	5	$1,600	
Quarry Tile	5%			2039	* *	5	$800	
Terrazzo	2%			LIFE	* *	5	$200	
Vinyl Tile	30%			2034	$88,200	3	$1,200	
Wood	25%			2062	* *	5	$5,000	
Interior Walls								
Ceramic Tile	25%			2043	* *	5	$3,700	
Gypsum Board	25%	4+	$1,000	LIFE	* *	5	$2,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Office								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor								
Masonry: Brick	48%	Now	$26,700	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Basement By Sidewalk Hatch Area								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 2%								
Location : Basement By Sidewalk Hatch Area								
Marble Panels	2%	4+	$1,000	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : 2nd Floor Bathroom Panel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 18

Asset # : 14075

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	$1,100	
Embossed Metal	25%	4+	$4,000	LIFE	* *	5	$1,200	
Deformed/Dented, Extent : Severe, Area Affected : 20%								
Location : Throughout Apparatus Room								
Paint Peeling, Extent : Severe, Area Affected : 20%								
Location : Throughout Apparatus Room								
Exposed Struc: Steel	25%			LIFE	* *			
Exposed Struc: Wood	30%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$1,300	
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%	4+	$800	2044	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Cement Stucco Finish Located At Rear Yard Area								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2047	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2039	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2047	* *			

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%			2060	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Rear.								
Explanation : The Service Equipment Consists Of One 200 Ampere Switch.								
Raceway								
Conduit	30%			2034	$11,000	1		
Conduit	70%			2054	* *	1		
Panelboards								
Molded Case Bkrs	100%			2033	$49,600	5	$200	
Wiring								
Thermoplastic	30%			2044	* *	1		
Thermoplastic	70%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2039	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
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

SQUAD 18

Asset # : 14075

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%			2047	* *	1	$2,200	
Generators								
Diesel	100%			2047	* *	1	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Generator Set Is Rated 62.5 Kilovolt Ampere. It Is In Good Condition.								
Batteries								
Lead/Acid	100%			2029	$2,500	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : The Batteries Are In Good Condition.								
Fuel Storage								
Day Tank	100%			2050	* *	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : 25 Gallons Capacity								
Lighting								
Interior Lighting								
Fluorescent	95%			2029	$58,600	10	$6,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : 1st, 2nd, 3rd Floors And Basement								
LED	5%			2042	* *			
Exterior Lighting								
LED	20%			2042	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2054	* *	1		
Conversion Equipment								
Steam Boiler	100%			2047	* *	1	$7,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Mechanical Equipment Room								
Explanation : 1 Boiler								
Distribution								
Steam Piping/Pump	100%			2044	* *			
Terminal Devices								
Convector/Radiator	95%			2039	* *	1	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Through 3rd Floors								
Explanation : One Pipe Steam System								
Unit Heater - Steam	5%			2039	* *	4		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 18

Asset # : 14075

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%			2050	* *	1		
No Component	50%							
Conversion Equipment								
Window/Wall Unit	55%	0-2	$3,000	2033	$14,800	1		
Other Observation, Extent : Light, Area Affected : 30%								
Location : 1st, 2nd And 3rd Floors								
Explanation : 30 Percent Failure Of Units								
No Component	45%							
Ventilation								
Exhaust Fans								
Roof	100%			2039	* *	2	$200	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2032	$17,100	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Tank								
Sanitary Piping								
Cast Iron	100%	4+	$1,800	LIFE	* *	1		
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Explanation : Recent Repair Made In Response To Leaking Was Not A Full Replacement And Future Leakage Is Anticipated								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%	4+	$100	2034	$1,400	4	$200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Basement								
Explanation : Operable But In Need Of Replacement Soon								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Wet	2%			2029	$1,100	1-10	$600	
Other Observation, Extent : Light, Area Affected : 2%								
Location : 1st Floor								
Explanation : Over Range								
No Component	98%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **SQUAD 252**
Address : **617 CENTRAL AVENUE @ DECATUR ST**
Borough : **BROOKLYN**
Program / Asset # : **FIRSECO.252 / 13142**
Area Sq Ft : **4,488**
Date of Survey : **05-Nov-2021**
Areas Surveyed : **Basement, Roof, Floors 1,2,3**
Block : **3429** **Lot** : **3**
Agency's Number : **N/A**
Yr Built/Renovated : **1899 / 2012**
Project Type : **FIRE DEPARTMENT**
Landmark Status : **EXTERIOR LANDMARK**
BIN : **3079480**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$53,600	
Electrical		$82,100
Mechanical		$63,700
Site Enclosure		$52,100
Total	**$53,600**	**$197,900**
Importance Code A	$53,600	
Importance Code B		$145,700
Importance Code C		$52,100
Total	**$53,600**	**$197,900**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$33,700	$3,900	$100	
Interior Architecture	$67,900			$600
Electrical	$3,100	$4,100	$400	$300
Mechanical	$3,300	$14,300	$3,200	$3,100
Site Enclosure	$5,200			
Site Pavements	$43,600			
Total	**$156,800**	**$22,300**	**$3,600**	**$4,000**
Importance Code A	$34,200	$4,400	$500	$400
Importance Code B	$68,100	$17,900	$3,100	$3,500
Importance Code C	$54,600			
Total	**$156,800**	**$22,300**	**$3,600**	**$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

SQUAD 252

Asset # : 13142

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%			2053	* *	10		
Masonry: Brick	73%	Now	$53,600	LIFE	* *	5	$3,000	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 50%								
Location : Front Facade								
Masonry: Brownstone	10%	Now	$6,700	LIFE	* *	5	$300	1
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Front Facade								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 20%								
Location : Main Facade								
Masonry: Sandstone	10%	0-2	$24,800	LIFE	* *	5	$300	
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 50%								
Location : Main Facade								
Wood Overhead Doors	5%			2046	* *	5	$1,000	
Windows								
Aluminum	60%			2049	* *	5	$100	
Wood	40%	4+	$1,600	2049	* *	5	$400	
Air Infiltration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	5%	Now	$500	LIFE	* *	5	$800	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 2%								
Location : Main Roof								
Cast Stone/Terra Cotta	15%			LIFE	* *	5	$2,500	
Masonry: Brick	80%			LIFE	* *	5	$1,700	
Roof								
Asphalt Shingle	5%	Now	$100	2042	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Roof Area								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Toilet Room								
Metal Panel	10%			2046	* *	10	$800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Metal Is Formed And Colored To Replicate Clay Tiles								
Modified Bitumen	85%			2038	* *	10	$3,900	
Interior								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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FIRE DEPARTMENT - 057

SQUAD 252

Asset # : 13142

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	5%	Now	$1,200	2032	$6,100	3	$500	
Worn/Erode, Extent : Light, Area Affected : 25%								
Location : 3rd Floor								
Cast in Place Concrete	30%	0-2	$8,900	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Ceramic Tile	5%			2042	* *	5	$300	
Quarry Tile	5%			2046	* *	5	$500	
Vinyl Tile	50%	Now	$4,800	2038	* *	3	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 2nd Floor								
Wood	5%	0-2	$10,400	2061	* *	5	$300	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Locker Rooms								
Interior Walls								
Ceramic Tile	10%			2042	* *	5	$300	
Gypsum Board	5%			LIFE	* *	5	$100	
Masonry: Brick	30%			LIFE	* *			
Plaster	20%	0-2	$1,500	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
SGFT/Glazed Masonry	30%	0-2	$4,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Wood	5%			LIFE	* *	5	$600	
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$600	2046	* *	5	$200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Toilets								
AcousTileSusp.Lay-In	10%			2046	* *	5	$600	
Embossed Metal	45%	Now	$33,000	LIFE	* *	5	$1,300	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor								
Exposed Struc: Steel	25%			LIFE	* *			
Plaster	15%	Now	$3,200	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Site Enclosure								
Fence/Gates								
Chain Link	50%			2053	* *			
Wood	50%	0-2	$5,200	2034	$52,100			
Broken/Missing Elements, Extent : Light, 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

SQUAD 252

Asset # : 13142

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								
Cast in Place Concrete	100%			2068	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2038	* *			
Parking/Driveway								
Asphalt	80%	Now	$43,600	2042	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout Parking Area								
Cast in Place Concrete	20%			2046	* *			

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	$16,500	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	$71,200	5	$100	
Raceway								
Conduit	20%			2053	* *	1		
Conduit	80%			2033	$32,300	1		
Panelboards								
Fused Disc Sw	5%			2032	$2,700	5		
Molded Case Bkrs	20%			2032	$10,900	5		
Molded Case Bkrs	75%			2049	* *	5	$100	
Wiring								
Thermoplastic	25%			2033	$9,100	1		
Thermoplastic	75%			2053	* *	1		
Motor Controllers								
Locally Mounted	100%			2031	$20,000	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2046	* *	1	$1,400	
Generators								
Diesel	100%			2046	* *	1	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : One 60 Kilowatts								

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

SQUAD 252

Asset # : 13142

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%			2027	$2,700	5	$200	
Fuel Storage								
Day Tank	100%			2049	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside Generator Area								
Explanation : One 125 Gallons								
Lighting								
Interior Lighting								
Fluorescent	85%			2038	* *	10	$3,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
Fluorescent	5%			2038	* *	10	$200	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : First Floor Waiting Area								
LED	10%			2041	* *			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Second Floor Locker Room								
Explanation : LED Lighting								
Egress Lighting								
Emergency, Service	60%			2038	* *	1		
Exit, Service	40%			2038	* *	1		
Exterior Lighting								
LED	20%			2038	* *			
No Component	80%							

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2053	* *	1		
Conversion Equipment								
Steam Boiler	100%			2046	* *	1	$4,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Steam Piping/Pump	100%			2053	* *			
Terminal Devices								
Convector/Radiator	100%			2038	* *	1	$1,500	
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.
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FIRE DEPARTMENT - 057

SQUAD 252

Asset # : 13142

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	25%			2041	* *			
Window/Wall Unit	60%			2028	$11,200	1		
Window/Wall Unit	10%			2031	$1,900	1		
No Component	5%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$500	
No Component	80%							
Exhaust Fans								
Roof	20%			2038	* *	2		
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		
No Water Meter, Extent : Light, Area Affected : 100%								
Location : Basement								
Water Heater With Tanks								
Gas Fired	100%			2031	$37,400	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 74 Gallon Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2027	$200	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Sets								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2031	$63,700	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 2%								
Location : 1st Floor Kitchen								
Explanation : Over Stove								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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 / 2016**
Area Sq Ft	: **16,052**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **16-Apr-2025**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3**		
Block	: **9375** **Lot** : **7**	**BIN**	: **4196913**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$111,100	
Interior Architecture	$394,600	
Electrical		$350,400
Mechanical	$58,100	$238,800
Total	**$563,800**	**$589,200**
Importance Code A	$111,100	$150,300
Importance Code B	$452,700	$438,900
Total	**$563,800**	**$589,200**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$66,700		$3,300	
Interior Architecture	$95,500		$900	$3,900
Electrical	$6,900	$1,700	$1,800	$1,900
Mechanical	$40,500	$4,300	$5,500	$4,300
Total	**$209,600**	**$6,000**	**$11,600**	**$10,100**
Importance Code A	$67,900	$1,200	$4,500	$1,200
Importance Code B	$103,000	$4,800	$7,100	$8,500
Importance Code C	$38,800			$400
Total	**$209,600**	**$6,000**	**$11,600**	**$10,100**

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

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	82%	Now	$111,100	LIFE	* *	5	$13,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : North And South And East Facades, Throughout								
Spalling, Extent : Severe, Area Affected : 10%								
Location : Stucco Finish On South Facade								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : North And South And East Facades								
Masonry: Granite	5%	Now	$13,000	LIFE	* *	5	$600	
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : West Facade								
Masonry: Limestone	5%	Now	$6,500	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : West Facade								
Wood Overhead Doors	8%			2049	* *	5	$6,600	
Windows								
Aluminum	100%	Now	$30,100	2052	* *	5	$1,600	
Air Infiltration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Second Floor Bunk Room Perimeter Of Windows								
Parapets								
Masonry: Brick	18%	Now	$17,100	LIFE	* *	5	$300	
Water Penetration, Extent : Severe, Area Affected : 100%								
Location : Set Back Roof At Back Of Building								
Metal Panel	7%			2046	* *	5	$400	
Not Accessible	75%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Third Floor Roof								
Explanation : No Access To Third Floor Roof.								
Roof								
Modified Bitumen	20%			2041	* *	10	$2,800	
Not Accessible	80%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Third Floor Roof, Main Roof								
Explanation : No Access To Third Floor Roof.								
Interior								

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*** 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
Interior								
Floors								
Cast in Place Concrete	35%	Now	$214,600	LIFE	* *	5	$18,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%								
Location : Apparatus Floor								
Deflection Evident, Extent : Moderate, Area Affected : 25%								
Location : Apparatus Floor								
Other Observation, Extent : N/A, Area Affected : 50%								
Location : Basement								
Explanation : Structural Support Steel Tubing Used To Support Apparatus Floor								
Ceramic Tile	22%			2045	* *	5	$5,300	
Quarry Tile	5%			2049	* *	5	$1,800	
Terrazzo	8%			LIFE	* *	5	$3,000	
Vinyl Tile	30%	Now	$19,900	2041	* *	3	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : First And Third Floor, District Office 13.								
Interior Walls								
Ceramic Tile	5%			2045	* *	5	$800	
Concrete Masonry Unit	10%	Now	$3,000	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Basment								
Gypsum Board	40%			LIFE	* *	5-10	$10,900	
Masonry: Brick	15%	Now	$22,900	LIFE	* *			
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 50%								
Location : Basment								
Plaster	30%	Now	$5,800	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : First And Third Floor, District Office 13, 1st Floor Squad 270								

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*** 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
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%	4+	$2,400	2053	* *	5	$3,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 1%								
Location : 1st Floor Toilet Room								
Staining/Discoloring, Extent : Light, Area Affected : 5%								
Location : Divison 13. Second And Third Floor								
Exposed Struc: Concrete	25%	Now	$180,000	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Basement								
Exposed Reinforcement, Extent : Severe, Area Affected : 25%								
Location : Basement								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Basement Ceiling Below Apparatus Floor								
Explanation : Temporary Support Present								
Plaster	45%	Now	$32,900	LIFE	* *	5	$6,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Third Floor, District Office 13								
Paint Peeling, Extent : Moderate, Area Affected : 20%								
Location : Third Floor, District Office 13 And Stairs								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Third Floor, District Office 13								
Site Pavements								
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								
Molded Case Bkrs	100%			2036	$65,000	5	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 500 Amperes.								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	$65,000	5	$100	
Raceway								
Conduit	70%			2036	$25,800	1		
Conduit	30%			2046	* *	1		
Panelboards								
Fused Disc Sw	20%			2035	$9,900	5	$100	
Molded Case Bkrs	50%			2035	$24,800	5	$200	
Molded Case Bkrs	30%			2044	* *	5	$100	
Wiring								
Thermoplastic	70%			2036	$23,300	1		
Thermoplastic	30%			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

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								
Motor Controllers								
Locally Mounted	100%			2034	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Stand-by Power								
Transfer Switches								
Automatic	100%			2034	$13,200	1	$4,900	
Generators								
Diesel	100%			2032	$101,800	1	$6,200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Backyard								
Explanation : Emergency Generator Rated At 60 Kilowatts								
Batteries								
Lead/Acid	100%			2027	$2,500	5	$600	
Fuel Storage								
Main Tank	100%			2039	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Backyard								
Explanation : 50 Gallons Rated Capacity								
Lighting								
Interior Lighting								
Fluorescent	70%			2036	$97,600	10	$10,300	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st, 2nd, 3rd Floor Division Office								
Explanation : T-8 Lamps								
Fluorescent	10%			2031	$13,900	10	$1,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 3rd Floor District Office								
Explanation : T-8 Lamps								
Fluorescent	5%			2031	$7,000	10	$700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor Kitchen, Lounge								
Explanation : Compact Fluorescent Lights								
LED	15%			2036	$29,700			
Egress Lighting								
Emergency, Battery	50%			2036	$13,500	10	$1,900	
Exit, Service	50%			2036	$3,500	1		
Exterior Lighting								
HID	5%			2031	$3,700	10		
LED	5%			2036	$4,300			
No Component	90%							
Alarm								

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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
Alarm								
Security System								
Generic	100%			2031	$30,100	1	$6,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front Of The Building								
Explanation : CCTV Surveillance Cameras								

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%			2034	$85,300	1	$4,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Steam Boiler	50%			2049	* *	1	$8,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	50%			2035	$17,600	4	$600	
Steam Piping/Pump	50%			2036	$64,300			
Terminal Devices								
Convector/Radiator	70%			2049	* *	1	$3,600	
No Component	30%							
Controls								
Electrical	100%			2031	$89,200			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2036	$35,200	2	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Second Floor Roof								
Explanation : 1 Unit. R-134. Serves Half Of The Second Floor.								
Split Unit	30%			2041	* *			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units, Various Locations								
Window/Wall Unit	10%			2031	$6,100	1		
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	30%			2041	* *	1	$1,600	
No Component	70%							

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

FIRE DEPARTMENT - 057

SQUAD 270

Asset # : 14076

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Heat Rejection								
Air Cooled Condenser Unit	30%			2041	* *	2	$3,400	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	* *	2-5	$4,300	
Ductwork/Diffusers	20%			LIFE	* *	2-5	$2,800	
No Component	50%							
Exhaust Fans								
Interior	20%			2041	* *	2	$100	
Roof	25%			2041	* *	2	$100	
Wall Unit	20%			2036	$1,400	2	$100	
Other Observation, Extent : N/A, Area Affected : 100% *Location : Apparatus Floor* *Explanation : 1 Unit*								
No Component	35%							
Plumbing								
H/C Water Piping								
Brass/Copper	75%			2046	* *	1		
Brass/Copper	25%			2056	* *	1		
Water Heater With Tanks								
Electric	50%			2031	$47,300	4		
Other Observation, Extent : N/A, Area Affected : 100% *Location : Basement* *Explanation : One 100 Gallon Unit*								
Gas Fired	50%			2034	$34,200	2		
Other Observation, Extent : N/A, Area Affected : 100% *Location : Basement* *Explanation : Two 75 Gallon Units*								
Sanitary Piping								
Cast Iron	70%	0-2	$28,300	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10% *Location : Front Of The Basement* *Corroded, Extent : Severe, Area Affected : 30%* *Location : Front Of The Basement* *Leak Evident, Extent : Severe, Area Affected : 2%* *Location : Front Of The Basement*								
Cast Iron	30%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%	Now	$500	2031	$500	4	$300	
Obsolete Equipment, Extent : Severe, Area Affected : 100% *Location : Basement* *On Extended Life, Extent : Severe, Area Affected : 100%* *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

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								
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2029	$58,100	1-10	$29,000	
	Other Observation, Extent : N/A, Area Affected : 100%							
	Location : First Floor Kitchen							
	Explanation : 1 Set Covers 30 Square Feet							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **SQUAD 288 HAZARDOUS MATERIAL UNIT**		
Address	: **56-29 68th STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.288 / 13174**	**Yr Built/Renovated**	: **1913 /**
Area Sq Ft	: **8,800**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **26-Oct-2023**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **2395** **Lot** : **4**	**BIN**	: **4055348**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$679,600	
Interior Architecture	$557,800	
Mechanical	$58,100	$72,000
Total	**$1,295,500**	**$72,000**
Importance Code A	$679,600	
Importance Code B	$616,000	$72,000
Total	**$1,295,500**	**$72,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$77,300			$2,500
Interior Architecture	$85,700	$400		$500
Electrical	$6,700			$600
Mechanical	$22,300	$18,100	$4,100	$53,000
Site Enclosure	$10,200			
Site Pavements	$1,800			
Total	**$204,000**	**$18,600**	**$4,200**	**$56,600**
Importance Code A	$85,000	$900	$900	$3,500
Importance Code B	$64,700	$17,700	$3,300	$53,200
Importance Code C	$54,300			
Total	**$204,000**	**$18,600**	**$4,200**	**$56,600**

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

SQUAD 288 HAZARDOUS MATERIAL UNIT

Asset # : 13174

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								
Copper/Terne	2%	Now	$42,400	2085	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 80%								
Location : Cornice At Front								
Deformed/Dented, Extent : Severe, Area Affected : 50%								
Location : Cornice At Front Facade								
Seams Open/Split, Extent : Severe, Area Affected : 40%								
Location : Cornice At Front Facade								
Masonry: Brick	80%	Now	$520,000	LIFE	* *	5	$15,800	1
Cracking/Crumbling, Extent : Severe, Area Affected : 75%								
Location : North, South And East Facades								
Diagonal Cracks, Extent : Moderate, Area Affected : 20%								
Location : North, South And East Facades								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 30%								
Location : All Facades								
Painted Surfaces, Extent : Moderate, Area Affected : 90%								
Location : All Facades Except Front Facade								
Vertical Cracks, Extent : Severe, Area Affected : 15%								
Location : North, South And East Facades								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout Second Floor And Basement								
Masonry: Granite	3%			LIFE	* *	5	$400	
Worn/Erode, Extent : Moderate, Area Affected : 10%								
Location : Base Of Building Front Facade								
Masonry: Limestone	5%	Now	$15,500	LIFE	* *	5	$700	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Band Coursing At Second Floor Front Facade Above Windows								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 30%								
Location : Front Facade At Second Floor Level								
Pre-cast Concrete	5%	Now	$14,300	LIFE	* *	5	$3,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Window Sills At 2nd Floor								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : South Facade, Window Sills At 2nd Floor								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : South Facade And Thu Window Sills								
Wood Overhead Doors	5%			2040	* *	5	$4,900	
Windows								
Aluminum	100%	Now	$105,900	2060	* *	5	$1,100	
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 50%								
Location : Second Floor Windows At Openings								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 288 HAZARDOUS MATERIAL UNIT

Asset # : 13174

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								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$4,500	LIFE	* *	5	$1,900	
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Masonry: Brick	85%	Now	$53,700	LIFE	* *	5	$2,100	1
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 35%								
Location : Throughout								
Vertical Cracks, Extent : Severe, Area Affected : 15%								
Location : All Parapets								
Pre-cast Concrete	5%	Now	$500	LIFE	* *	5	$800	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Coping At Main Roof								
Roof								
Modified Bitumen	100%			2043	* *	10	$11,100	
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	50%	Now	$504,500	LIFE	* *	5	$13,000	
Cracking/Crumbling, Extent : Severe, Area Affected : 60%								
Location : Apparatus Floor								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Steel Columns Shoring Up Apparatus Room Floor From Basement								
Ceramic Tile	10%	Now	$1,300	2044	* *	5	$600	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Kitchen								
Quarry Tile	5%			2048	* *	5	$900	
Terrazzo	3%	0-2	$1,700	LIFE	* *	5	$300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Stairwell								
Vinyl Tile	32%	Now	$21,000	2040	* *	3	$1,400	
Worn/Erode, Extent : Severe, Area Affected : 50%								
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

SQUAD 288 HAZARDOUS MATERIAL UNIT

Asset # : 13174

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								
Cast in Place Concrete	5%	Now	$6,200	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Front Wall Near Electrical Panels								
Ceramic Tile	25%	Now	$22,400	2038	* *	5	$2,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Throughout Apparatus Room								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 30%								
Location : Apparatus Floor								
Worn/Erode, Extent : Moderate, Area Affected : 60%								
Location : Apparatus Floor								
Gypsum Board	15%	Now	$700	LIFE	* *	5	$1,500	
Loose/Delam Surface, Extent : Severe, Area Affected : 15%								
Location : Second Floor Windows								
Masonry: Brick	30%	Now	$18,600	LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Basement								
Plaster	25%	Now	$5,000	LIFE	* *	5	$1,200	
Deteriorated Finish, Extent : Severe, Area Affected : 70%								
Location : Second Floor Stair								
Paint Peeling, Extent : Severe, Area Affected : 60%								
Location : Second Floor Stair								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : At Windows Throughout								
Ceilings								
AcousTileSusp.Lay-In	35%	0-2	$3,500	2040	* *	5	$2,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Second Floor								
Exposed Struc: Concrete	30%	Now	$53,300	LIFE	* *	5	$600	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Basement Ceiling								
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Below Watch Area								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Below Watch Area And Basement								
Explanation : Large Chunks Of Concrete Have Fallen, Exposing Reinforcing								
Plaster	15%	Now	$5,400	LIFE	* *	5	$1,100	
Paint Peeling, Extent : Severe, Area Affected : 60%								
Location : Second Floor Stair								
Worn/Erode, Extent : Severe, Area Affected : 30%								
Location : Second Floor Stair, Scuttle To Roof								
Under Construction	20%							
Site Enclosure								

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

FIRE DEPARTMENT - 057

SQUAD 288 HAZARDOUS MATERIAL UNIT

Asset # : 13174

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								
Retaining Walls								
Cast in Place Concrete	40%	Now	$1,500	2070	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Steel Post Struts To Brace Retaining Wall Are Rusted And Failing								
Masonry: Brick	60%	Now	$8,700	2045	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : North Wall								
Joint Mortar Miss/Erode, Extent : Severe, Area Affected : 20%								
Location : North Wall								
Site Pavements								
Public Sidewalk								
Asphalt	10%	Now	$400	2044	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Apron								
Cast in Place Concrete	90%			2048	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2048	* *			
Parking/Driveway								
Cast in Place Concrete	100%	0-2	$1,400	2048	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Apron To Apparatus 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								
Molded Case Bkrs	100%			2055	* *	5	$200	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$200	
Raceway								
Conduit	70%			2035	$25,800	1		
Conduit	30%			2055	* *	1		
Panelboards								
Fused Disc Sw	10%			2034	$5,000	5		
Molded Case Bkrs	60%			2051	* *	5	$100	
Molded Case Bkrs	30%			2034	$14,900	5	$100	
Wiring								
Braided Cloth	20%	2-4	$6,700	2060	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Basement And First Floor								
Thermoplastic	60%			2055	* *	1		
Thermoplastic	20%			2035	$6,700	1		

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

FIRE DEPARTMENT - 057

SQUAD 288 HAZARDOUS MATERIAL UNIT

Asset # : 13174

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%			2033	$18,200	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Metal Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	5%			2040	* *	10	$400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : T-8 Lamps								
LED	95%			2040	* *			
Egress Lighting								
Exit, Service	100%			2035	$3,800	1		
Exterior Lighting								
LED	30%			2040	* *			
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%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%	0-2	$7,700	2040	* *	1	$7,800	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Boiler								
Explanation : The Back Portion Is Rusted Out Due To Leak Above. Chimney Hatch Has Also Rusted Off Hinges.								
Distribution								
Steam Piping/Pump	100%	Now	$3,500	2045	* *			
Leak Evident, Extent : Moderate, Area Affected : 20%								
Location : Steam Pipe Rusted And Leaks Above Boiler								
Terminal Devices								
Convector/Radiator	100%			2033	$72,000	1	$2,800	
Controls								
Electrical	100%			2030	$48,900			
Air Conditioning								
Energy Source								
Electricity	100%			2043	* *	1		

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. 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 288 HAZARDOUS MATERIAL UNIT

Asset # : 13174

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	30%	0-2	$3,100	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : 2nd Floor Office, Conference Room And Kitchen								
Explanation : R-410a. 6 Units On Lower Roof. 3 Are Inefficient Units.								
Window/Wall Unit	30%	0-2	$500	2028	$10,000	1		
Not in Service, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor								
No Component	40%							
Terminal Devices								
Fan Coil - 2 Pipe	30%			2040	* *	1	$900	
No Component	70%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2040	* *	2	$1,800	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	$2,500	
No Component	50%							
Exhaust Fans								
Roof	30%	0-2	$300	2035	$5,100	2	$100	
Not in Service, Extent : Moderate, Area Affected : 70%								
Location : 2 Out Of 3 Units, Roof								
Wall Unit	30%	0-2	$1,100	2045	* *	2	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Apparatus Floor								
Explanation : Absolete Units								
No Component	40%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Exhaust Fan For Bathrooms								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2033	$34,200	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Two 75 Gallon Units								
Sanitary Piping								
Cast Iron	100%	0-2	$2,200	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 20%								
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

SQUAD 288 HAZARDOUS MATERIAL UNIT

Asset # : 13174

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%	0-2	$600	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Roof								
Sump Pump(s)								
Submersible	100%			2027	$300	4	$300	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2028	$58,100	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Kitchen Hood 5 Feet X 10 Feet Which Equals 50 Square Feet								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name	: **SQUAD 41**		
Address	: **330 EAST 150th STREET**		
Borough	: **BRONX**	**Agency's Number**	: **N/A**
Program / Asset #	: **FIRSECO.041 / 13029**	**Yr Built/Renovated**	: **1903 / 2003**
Area Sq Ft	: **7,125**	**Project Type**	: **FIRE DEPARTMENT**
Date of Survey	: **23-May-2024**	**Landmark Status**	: **HISTORICAL LANDMARK DISTRICT**
Areas Surveyed	: **Basement, Roof, Floors 1,2,3,4**		
Block	: **2331** **Lot** : **33**	**BIN**	: **2000930**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$229,400	$79,800
Mechanical		$133,500
Total	**$229,400**	**$213,300**
Importance Code A	$229,400	$79,800
Importance Code B		$133,500
Total	**$229,400**	**$213,300**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$71,000	$2,500		
Interior Architecture	$51,800	$1,600	$300	$100
Electrical	$800	$800	$3,600	$900
Mechanical	$24,600	$15,500	$3,700	$65,500
Site Enclosure	$4,100			
Site Pavements	$14,700			
Total	**$167,000**	**$20,400**	**$7,600**	**$66,500**
Importance Code A	$71,700	$3,200	$700	$700
Importance Code B	$45,200	$17,000	$6,900	$65,800
Importance Code C	$50,000	$200		
Total	**$167,000**	**$20,400**	**$7,600**	**$66,500**

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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

SQUAD 41

Asset # : 13029

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	$229,400	LIFE	* *	5	$25,400	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 3%								
Location : South Facade								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Painted Surfaces, Extent : Severe, Area Affected : 75%								
Location : Side And Rear Walls								
Spalling, Extent : Light, Area Affected : 1%								
Location : South Facade								
Masonry: Granite	3%			LIFE	* *	5	$700	
Masonry: Limestone	12%			LIFE	* *	5	$2,900	
Metal Sect. OHD	5%			2048	* *	5	$5,000	
Windows								
Aluminum	100%	0-2	$1,100	2051	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Interior Wood Trim Various Locations								
Explanation : Dry Rot								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$1,900	
Masonry: Brick	85%	0-2	$5,600	LIFE	* *	5	$2,000	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Parapet Walls								
Painted Surfaces, Extent : Severe, Area Affected : 100%								
Location : Parapet								
Metal Cornice	5%			2063	* *	10	$400	
Roof								
Modified Bitumen	95%	Now	$31,900	2035	$79,800			
Blisters, Extent : Light, Area Affected : 30%								
Location : Main Roof And Upper Roof								
Ponding, Extent : Light, Area Affected : 30%								
Location : Main Roof And Upper Roof								
Worn/Erode, Extent : Moderate, Area Affected : 60%								
Location : Lower And Main Roof								
Skylight, Metal/Glass	5%	Now	$32,400	2055	* *			1
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : On Main Roof								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	$11,700	
Ceramic Tile	5%			2044	* *	5	$500	
Quarry Tile	5%			2048	* *	5	$800	
Vinyl Tile	35%			2040	* *	3	$1,400	
Wood	5%			2063	* *	5	$1,000	

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FIRE DEPARTMENT - 057

SQUAD 41

Asset # : 13029

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	$400	
Gypsum Board	5%			LIFE	* *	5	$600	
Masonry: Brick	15%	Now	$12,200	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Basement At Front								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement, Kitchen Area								
Plaster	53%	0-2	$13,700	LIFE	* *	5	$3,100	
Paint Peeling, Extent : Light, Area Affected : 4%								
Location : 3rd Floor Bedroom								
SGFT/Glazed Masonry	25%	0-2	$9,600	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Apparatus Floor								
Ceilings								
AcousTileSusp.Lay-In	2%			2040	* *	5	$200	
AcousTileSusp.Lay-In	3%			2052	* *	5	$300	
Recent Installation, Extent : N/A, Area Affected : 3%								
Location : 2nd Floors								
Embossed Metal	70%	4+	$4,900	LIFE	* *	5	$3,400	
Paint Peeling, Extent : Moderate, Area Affected : 2%								
Location : 1st Floor								
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 2%								
Location : 4th Floor Ceiling								
Exposed Struc: Concrete	23%			LIFE	* *	5	$400	
Exposed Struc: Steel	2%	2-4	$11,200	LIFE	* *			
Corrosion/Rusting, Extent : Severe, Area Affected : 15%								
Location : Front Of Basement Under Overhead Door								
Site Enclosure								
Fence/Gates								
Chain Link	100%	0-2	$4,100	2045	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Parking Lot Entrance Gates								
Free Standing Walls								
Masonry: Brick	100%			2045	* *			
Retaining Walls								
Cast in Place Concrete	100%			2055	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	4+	$4,200	2048	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Front Of Building On 150th Street								

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FIRE DEPARTMENT - 057

SQUAD 41

Asset # : 13029

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%	2-4	$10,500	2038	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Parking Area								
Other Observation, Extent : N/A, Area Affected : 15%								
Location : Rear Of Parking Area								
Explanation : Tent Structure								
Cast in Place Concrete	20%			2040	* *			

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%			2055	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2055	* *	5	$200	
Raceway								
Conduit	70%			2035	$28,200	1		
Conduit	30%			2055	* *	1		
Panelboards								
Molded Case Bkrs	70%			2043	* *	5	$100	
Molded Case Bkrs	30%			2051	* *	5	$100	
Wiring								
Thermoplastic	30%			2055	* *	1		
Thermoplastic	70%			2045	* *	1		
Motor Controllers								
Locally Mounted	100%			2040	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2048	* *	1	$2,200	
Generators								
Diesel	100%			2044	* *	1	$2,800	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : Emergency Generator Rated At 60 Kilowatts								
Batteries								
Lead/Acid	100%			2029	$2,700	5	$300	

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FIRE DEPARTMENT - 057

SQUAD 41

Asset # : 13029

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								
Main Tank	100%			2063	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : 120 Gallons Rated Capacity								
Lighting								
Interior Lighting								
LED	100%			2043	* *			
Egress Lighting								
Emergency, Service	50%			2043	* *	1		
Exit, LED	50%			2070	* *	1		
Exterior Lighting								
LED	10%			2040	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2040	* *	1	$2,700	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Front And Side Yard								
Explanation : CCTV Surveillance Cameras								

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%			2045	* *	1		
Conversion Equipment								
Steam Boiler	100%			2040	* *	1	$7,100	
Distribution								
Central Plant Steam Piping/Pmp	100%			2045	* *	4	$400	
Terminal Devices								
Convector/Radiator	100%			2040	* *	1	$2,300	
Controls								
Electrical	100%			2030	$43,400			
Air Conditioning								
Energy Source								
Electricity	100%			2051	* *	1		

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FIRE DEPARTMENT - 057

SQUAD 41

Asset # : 13029

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								
Interior Pkg Unit - Cooling	10%			2036	$12,300	2		
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 10%								
Location : 3rd Floor								
Explanation : Unit Serves 3rd Floor Only								
Split Unit	40%	Now	$14,800	2035	$74,100			
Malfunctioning, Extent : Severe, Area Affected : 100%								
Location : Split Unit At The Kitchen Is Malfunctioning								
Window/Wall Unit	40%			2028	$11,800	1		
No Component	10%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$800	
No Component	80%							
Exhaust Fans								
Interior	25%			2035	$8,700	2	$100	
Wall Unit	25%			2035	$800	2	$100	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2030	$18,700	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 75 Gallon Unit								
Sanitary Piping								
Cast Iron	70%			LIFE	* *	1		
Cast Iron	30%	2-4	$2,900	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Storm Drain Piping								
Cast Iron	80%			LIFE	* *	1		
Cast Iron	20%	2-4	$3,300	LIFE	* *	1		
Corroded, Extent : Moderate, Area Affected : 30%								
Location : Basement								
Leak Evident, Extent : Moderate, Area Affected : 50%								
Location : Basement: Water Infiltration Causes Corrosion On Piping At Basement								
Sump Pump(s)								
Submersible	100%	Now	$100	2028	$200	4	$200	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Basement. Sump Pump Is Not Operational								

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FIRE DEPARTMENT - 057

SQUAD 41

Asset # : 13029

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%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : Serves Boiler Only								
Fixtures								
Generic	100%							
Other Observation, Extent : Light, Area Affected : 50%								
Location : Bathrooms								
Explanation : New Toilets Installed In The Last Two Years								
Fire Suppression								
Chemical System								
Wet	100%			2033	$59,400	1-10	$29,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Explanation : 1 Set Fire Suppression On Kitchen Hood 5 Feet X 8 Feet Which Equals 40 Square Feet								

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Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **SQUAD 61**
Address : **1518 WILLIAMSBRIDGE ROAD BTWN EASTCHESTER RD - POPLAR ST**
Borough : **BRONX**
Agency's Number : **N/A**
Program / Asset # : **FIRSECO.061 / 13049**
Yr Built/Renovated : **1929 /**
Area Sq Ft : **6,440**
Project Type : **FIRE DEPARTMENT**
Date of Survey : **02-Jan-2025**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **4082** **Lot** : **11** **BIN** : **2044205**

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Exterior Architecture	$139,000	
Mechanical		$276,400
Total	**$139,000**	**$276,400**
Importance Code A	$139,000	$56,100
Importance Code B		$220,300
Total	**$139,000**	**$276,400**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Exterior Architecture	$52,200		$3,300	
Interior Architecture	$32,000		$3,500	$1,100
Electrical	$1,500	$700	$3,200	$700
Mechanical	$10,200	$3,400	$13,300	$3,400
Site Enclosure	$1,200			
Site Pavements	$1,800			
Total	**$98,900**	**$4,100**	**$23,400**	**$5,100**
Importance Code A	$52,900	$600	$3,900	$600
Importance Code B	$27,500	$3,400	$19,400	$3,900
Importance Code C	$18,600			$600
Total	**$98,900**	**$4,100**	**$23,400**	**$5,100**

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FIRE DEPARTMENT - 057

SQUAD 61

Asset # : 13049

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	5%			2056	* *	10	$300	
Masonry: Brick	75%	2-4	$65,000	LIFE	* *	5	$15,800	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 20%								
Location : Side Facades								
Painted Surfaces, Extent : Moderate, Area Affected : 20%								
Location : Side And Rear Facade								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Rear Yard Facade								
Masonry: Granite	2%	0-2	$700	LIFE	* *	5	$300	
Loose Units, Extent : Moderate, Area Affected : 2%								
Location : Granite Base								
Masonry: Limestone	8%	0-2	$19,900	LIFE	* *	5	$1,300	
Joint Mortar Miss/Erode, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Sect. OHD	10%			2049	* *	5	$6,600	
Windows								
Aluminum	100%	Now	$19,300	2052	* *	5	$1,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 5%								
Location : Hose Tower								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : 2nd Floor Window Heads								
Parapets								
Cast Stone/Terra Cotta	20%			LIFE	* *	5-10	$14,800	
Masonry: Brick	75%	0-2	$74,000	LIFE	* *	5	$1,900	1
Loose/Delam Surface, Extent : Severe, Area Affected : 10%								
Location : Throughout Parapet								
Misaligned/Bulging, Extent : Severe, Area Affected : 40%								
Location : Rear Facade								
Painted Surfaces, Extent : Severe, Area Affected : 90%								
Location : Throughout								
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Masonry: Limestone	5%	Now	$1,600	LIFE	* *	5	$200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Parapet Coping Stones								
Joint Mortar Miss/Erode, Extent : Moderate, Area Affected : 10%								
Location : Parapet Coping Stones								
Roof								
Modified Bitumen	95%			2041	* *	10	$7,800	
Skylight, Metal/Glass	5%			2056	* *	10	$1,400	
Interior								

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FIRE DEPARTMENT - 057

SQUAD 61

Asset # : 13049

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	$7,500	LIFE	* *	5	$9,600	
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : Trench Drain On Apparatus Floor								
Ceramic Tile	10%			2045	* *	5	$900	
Quarry Tile	10%			2049	* *	5	$1,300	
Vinyl Tile	25%			2041	* *	3	$800	
Wood	5%			2064	* *	5	$800	
Interior Walls								
Cast in Place Concrete	30%			LIFE	* *	10	$9,200	
Ceramic Tile	10%			2045	* *	5	$1,200	
Gypsum Board	5%			LIFE	* *	5-10	$1,000	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : 2nd Floor								
Plaster	25%	Now	$3,800	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Hose Tower, Throughout								
SGFT/Glazed Masonry	30%			LIFE	* *	10	$1,900	
Ceilings								
AcousTileSusp.Lay-In	50%			2049	* *	5	$4,400	
Exposed Struc: Concrete	10%	Now	$2,600	LIFE	* *	5	$100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Basement								
Exposed Struc: Steel	25%			LIFE	* *	10	$4,400	
Plaster	15%	Now	$2,000	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : 2nd Floor								
Site Enclosure								
Fence/Gates								
Chain Link	100%	Now	$1,200	2056	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Front Gate								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2049	* *			

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FIRE DEPARTMENT - 057

SQUAD 61

Asset # : 13049

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								
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$1,800	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Parking/Driveway								
Cast in Place Concrete	100%			2049	* *			

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 : N/A, Area Affected : 100%								
Location : Basement								
Explanation : Main Service Disconnect Switch Rated At 200 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2046	* *	5	$200	
Raceway								
Conduit	100%			2046	* *	1		
Panelboards								
Molded Case Bkrs	100%			2044	* *	5	$200	
Wiring								
Thermoplastic	100%			2046	* *	1		
Motor Controllers								
Locally Mounted	100%			2041	* *	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	$2,000	
Generators								
Diesel	100%			2039	* *	1	$2,500	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : Emergency Generator Rated At 61 Kilovolt Amperes.								
Batteries								
Nickel Cadmium	100%			2029	$2,500	5	$1,400	
Fuel Storage								
Main Tank	100%			2051	* *	5		
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Side Yard								
Explanation : 75 Gallons Rated Capacity								
Lighting								

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FIRE DEPARTMENT - 057

SQUAD 61

Asset # : 13049

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%			2036	$22,400	10	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : 1st Floor , Basement								
Explanation : T-8 Lamps								
LED	60%			2044	* *			
Egress Lighting								
Emergency, Service	50%			2044	* *	1		
Exit, LED	50%			2071	* *	1		
Exterior Lighting								
LED	10%			2044	* *			
No Component	90%							
Alarm								
Security System								
Generic	100%			2044	* *	1	$2,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Outside Perimeter								
Explanation : CCTV Surveillance Cameras								

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%			2034	$56,100	1	$6,400	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Basement. Boiler Room								
Explanation : One Unit								
Distribution								
Steam Piping/Pump	100%			2036	$51,600			
Terminal Devices								
Convector/Radiator	100%			2034	$52,700	1	$2,100	
On Extended Life, Extent : Light, Area Affected : 100%								
Location : Throughout								
Controls								
Electrical	100%			2031	$35,800			
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		

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

FIRE DEPARTMENT - 057

SQUAD 61

Asset # : 13049

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	20%			2036	$30,600			
R-410a Refrigerant, Extent : Light, Area Affected : 100%								
Location : Kitchen								
Window/Wall Unit	40%			2029	$9,800	1		
No Component	40%							
Other Observation, Extent : N/A, Area Affected : 0%								
Location : Garage								
Explanation : Location Noted								
Ventilation								
Exhaust Fans								
Interior	30%			2036	$8,600	2	$100	
Roof	70%			2036	$8,700	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2036	$57,900	1		
Galvanized Steel	30%			2041	* *	1		
Water Heater With Tanks								
Gas Fired	100%			2035	$17,100	2		
Recent Installation, Extent : N/A, Area Affected : 100%								
Location : Basement. Boiler Room								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement. Boiler Room								
Explanation : One Unit, 75 Mbh 74 Gallons								
Sanitary Piping								
Cast Iron	100%	Now	$1,600	LIFE	* *	1		
Leak Evident, Extent : Light, Area Affected : 5%								
Location : Basement								
Storm Drain Piping								
Cast Iron	100%	0-2	$1,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 5%								
Location : Basement. Boiler Room								
Sump Pump(s)								
Submersible	100%			2029	$200	4	$200	
Fixtures								
Generic	100%							
Fire Suppression								
Chemical System								
Generic	100%			2031	$58,100	1-10	$29,000	
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Kitchen								
Explanation : One 15 Square Foot 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.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **23,870**		**Project Type**	: **FIRE DEPARTMENT**	
Date of Survey	: **14-Sep-2023**		**Landmark Status**	: **NONE**	
Areas Surveyed	:				
Block	: **1819**	**Lot** : **40**	**BIN**	:	

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Piers	$155,700	$201,500
Total	**$155,700**	**$201,500**
Importance Code A	$82,300	
Importance Code B	$73,400	$201,500
Total	**$155,700**	**$201,500**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Piers	$201,100	$2,700	$27,400	$400
Total	**$201,100**	**$2,700**	**$27,400**	**$400**
Importance Code A	$81,800			
Importance Code B	$99,100	$2,700	$19,200	$400
Importance Code C	$20,100		$8,200	
Total	**$201,100**	**$2,700**	**$27,400**	**$400**

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.
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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
Structural								
Deck								
Concrete	53%			LIFE	* *	5	$23,600	
Concrete	2%	4+	$21,000	LIFE	* *	5	$900	
Surface Wearing/Scaling, Extent : Light, Area Affected : 10%								
Location : Delaminations At Isolated Locations Throughout Deck Soffit								
Not Accessible	45%							
Deck Surface								
Asphalt	62%			2044	* *	5	$16,300	
Surface Wearing/Scaling, Extent : Light, Area Affected : 5%								
Location : Pier Deck Surface								
Asphalt	3%	4+	$20,100	2050	* *	5	$400	
Settlement, Extent : Light, Area Affected : 50%								
Location : 44 Feet From Edge Of Pier, 133 Feet From North End, Partially Beneath Containers								
No Component	5%							
Not Accessible	30%							
Pile Caps								
Concrete	94%			LIFE	* *	5	$1,500	
Concrete	2%			LIFE	* *	5		
Cracking, Extent : Light, Area Affected : 2%								
Location : Hairline Cracking With Efflorescence At Isolated Locations Throughout								
Concrete	4%	4+	$19,600	LIFE	* *	5	$100	
Spalling, Extent : Moderate, Area Affected : 4%								
Location : Isolated Spalls And Delaminations Throughout								
Piles and Bracing								
Concrete Encased Steel	20%	4+	$82,300	LIFE	* *			
Broken, Extent : Moderate, Area Affected : 5%								
Location : Exposed Reinforcement Cage At Top Of Encasement, 2nd Bent From North, Off Shore Row								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : 2nd Pile From North, Inshore Bent								
Explanation : Encasement Undermined Exposing Pile								
Concrete Encased Steel	5%			LIFE	* *			
Steel	10%	4+	$41,100	LIFE	* *	5	$36,700	
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Minor To Moderate Corrosion On Inshore Steel Piles, Advanced Corrosion On 3rd Pile From North								
Not Accessible	65%							
Fender								
Buffer								
Rubber	100%			2044	* *	4-5	$14,200	
Facing								
Composite	100%			2033	$152,600			
Surface Wearing/Scaling, Extent : Light, Area Affected : 20%								
Location : Throughout								

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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
Fender								
Piles								
Steel	15%			2044	* *	3-5	$30,100	
Steel	10%	4+	$46,800	2044	* *	3-5	$10,600	
Corrosion, Extent : Moderate, Area Affected : 30%								
Location : Tidal Zone And Splash Zone On All Steel Icebreakers								
Timber	5%	2-4	$48,600	2050	* *	4	$600	
Rotting/Splitting, Extent : Moderate, Area Affected : 50%								
Location : Advanced Rot In Tidal Zone And Split At Top								
Not Accessible	70%							
Pile Cluster								
Timber	40%			2036	$49,000	4-10	$14,700	
Timber	60%	0-2	$73,400	2040	* *	4	$2,700	
Rotting/Splitting, Extent : Severe, Area Affected : 50%								
Location : Deterioration In The Tidal Zone On Pile Cluster South Of Pier								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Top Of Northeast Cluster								
Explanation : Fire Damage								
Deck Elements								
Railing								
Fencing	90%			2036	$33,800	3	$200	
Fencing	10%	4+	$3,800	2040	* *	3		
Impact Damage, Extent : Moderate, Area Affected : 50%								
Location : At 50 And 265 Feet From The North West Corner, Other Locations Throughout								
Electrical								
Lighting Fixture								
LED	100%			2033	$22,300			
Other Observation, Extent : N/A, Area Affected : 100%								
Location : Five LED Light Fixtures								
Explanation : Light Count								

Note : 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.*

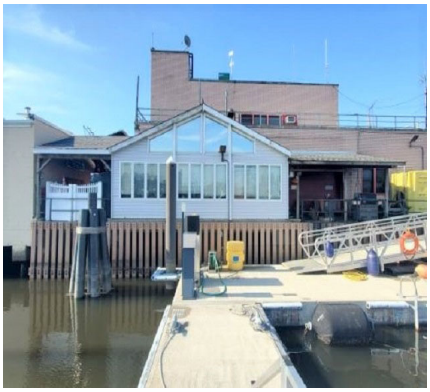
Print Date : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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	: **08-Feb-2022**			**Landmark Status**	: **NONE**
Areas Surveyed	:				
Block	: **14163**	**Lot**	: **101**	**BIN**	:

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Piers	$114,200	
Total	**$114,200**	
Importance Code A	$114,200	
Total	**$114,200**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Piers	$18,300	$37,500		
Total	**$18,300**	**$37,500**		
Importance Code A	$17,000			
Importance Code B	$1,300	$37,500		
Total	**$18,300**	**$37,500**		



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

FIRE DEPARTMENT - 057

WHARF UNDER EC 331/LC 173 BY HARBOR ADAM

Asset # : 13649

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	50%			LIFE	* *	5	$5,100	
Cracking, Extent : Light, Area Affected : 5%								
Location : Isolated Locations Of The Deck Soffit								
Spalling, Extent : Light, Area Affected : 5%								
Location : At Pile Cap Interface, South Underside Of Pier								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Isolated Locations Of The Deck Soffits								
Explanation : Honeycombing								
Not Accessible	50%							
Pile Caps								
Concrete	15%	4+	$17,000	LIFE	* *	5	$100	
Cracking, Extent : Light, Area Affected : 10%								
Location : Typical At Most Pile Caps								
Spalling, Extent : Moderate, Area Affected : 100%								
Location : Along Pile Bents 2.5, 5, 6 And 7 When Counting Bents From North To South.								
Concrete	85%			LIFE	* *	5	$300	
Piles and Bracing								
Concrete Encased Steel	80%			LIFE	* *			
Concrete Encased Steel	20%	4+	$114,200	LIFE	* *			
Spalling, Extent : Severe, Area Affected : 50%								
Location : Top 2 To 3 Feet Of Concrete Encasements At Isolated Pile Locations Throughout The Pier.								
Fender								
Facing								
Composite	50%			2031	$33,900			
No Component	50%							
Deck Elements								
Railing								
Steel	25%			2028	$31,300			
Corrosion, Extent : Light, Area Affected : 25%								
Location : Throughout Railing								
Steel	5%	4+	$1,300	2028	$6,300			
Broken, Extent : Moderate, Area Affected : 100%								
Location : Bottom Rail At Southern End Of Asset								
No Component	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a 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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

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 : **14-Sep-2023**
Landmark Status : **NONE**
Areas Surveyed :
Block : **1819** **Lot** : **40** **BIN** :

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Bulkheads	$251,600	
Total	**$251,600**	
Importance Code C	$251,600	
Total	**$251,600**	

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Bulkheads	$56,700	$100	$1,100	$100
Total	**$56,700**	**$100**	**$1,100**	**$100**
Importance Code B Importance Code C	$56,700	$100	$1,100	$100
Total	**$56,700**	**$100**	**$1,100**	**$100**

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

FIRE DEPARTMENT - 057
EAST SHORE RIP-RAP SHORELINE
Asset # : 13858

Bulkheads	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Revetment								
Stone	65%			LIFE	* *	5	$2,800	
Settlement, Extent : Light, Area Affected : 100%								
Location : Steep Slope For Full Length Of Asset South Of FDNY Pier								
Other Observation, Extent : N/A, Area Affected : 5%								
Location : From 15 Feet To 55 Feet South Of North End Of Pier								
Explanation : Gabion Stone Mats								
Stone	20%	4+	$111,800	LIFE	* *	5	$900	
Settlement, Extent : Moderate, Area Affected : 75%								
Location : At 585 To 720 Feet From North End Of FDNY Pier								
Stone	15%	2-4	$139,800	LIFE	* *	5	$600	
Settlement, Extent : Severe, Area Affected : 100%								
Location : At 480 To 585 Feet From North Of FDNY Pier								
Backfill								
Fill								
Stone	10%	Now	$24,600	LIFE	* *	5	$100	
Erosion, Extent : Severe, Area Affected : 50%								
Location : 40 Feet Under North End Of FDNY Pier								
Loss of Backfill, Extent : Severe, Area Affected : 25%								
Location : At 480 To 585 Feet From The North								
Not Accessible	90%							
Surface								
Concrete	20%			2044	* *	5	$1,600	
Gravel	5%	0-2	$12,200	2050	* *	2-5	$100	
Erosion, Extent : Severe, Area Affected : 50%								
Location : At 480 To 585 Feet From North Of FDNY Pier								
Gravel	35%			2044	* *	2-5	$800	
Not Accessible	40%							
Deck Elements								
Railing								
Fencing	25%			2036	$14,200	3	$100	
Fencing	30%	2-4	$17,100	2040	* *	3	$100	
Not Plumb, Extent : Moderate, Area Affected : 100%								
Location : Fence Foundation Undermined And Fence Leaning At 350 - 420 Feet And 480 - 629 Feet From North End Of FDNY Pier								
Fencing	5%	Now	$2,800	2040	* *	3		
Broken, Extent : Severe, Area Affected : 100%								
Location : Broken Fence Support 650 Feet From North End Of FDNY								
Dents, Holes, Extent : Severe, Area Affected : 25%								
Location : Holes Cut In Fence At 385 And 715 Feet From North Of FDNY Pier								
No Component	40%							

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 : 06-Oct-2025

FIRE DEPARTMENT - FY 2026

Asset Name : **NAVY HOMEPORT MARINE 9 RESPONSE UNIT MARINA**
Address : **AT FRONT AND WAVE STREETS**
Borough : **STATEN ISLAND**
Program / Asset # : **FIRMAR9.010 / 14767**
Area Sq Ft : **1,380**
Date of Survey : **23-Mar-2023**
Areas Surveyed :
Block : **487** **Lot** : **100**

Agency's Number : **N/A**
Yr Built/Renovated : **2011 /**
Project Type : **FIRE DEPARTMENT**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Marinas/Docks	$73,000	$73,000
Total	**$73,000**	**$73,000**
Importance Code A	$73,000	$73,000
Total	**$73,000**	**$73,000**

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Marinas/Docks	$38,000	$45,200	$300	$4,100
Total	**$38,000**	**$45,200**	**$300**	**$4,100**
Importance Code A	$35,300	$44,800		$1,300
Importance Code B	$2,500	$100	$100	$2,500
Importance Code C	$200	$300	$200	$300
Total	**$38,000**	**$45,200**	**$300**	**$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.
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FIRE DEPARTMENT - 057

NAVY HOMEPORT MARINE 9 RESPONSE UNIT MARINA

Asset # : 14767

Marinas/Docks	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Gangways								
Aluminum	100%			2054	* *	1-3	$10,600	
Floating Docks								
Anchor Piles								
Steel	30%	4+	$8,400	2060	* *	3-5	$3,900	
Corrosion, Extent : Moderate, Area Affected : 10%								
Location : Six Piles At Floating Dock								
Missing Coating, Extent : Moderate, Area Affected : 20%								
Location : Throughout The Tidal Zone								
Not Accessible	70%							
Deck								
Concrete	100%			2043	* *	5	$89,500	
Cracking, Extent : Light, Area Affected : 50%								
Location : Throughout Top Of Both Float Sections								
Fenders								
Rubber	100%			2032	$22,000	1-2	$2,500	
Worn, Extent : Light, Area Affected : 25%								
Location : Along Berthing Edge Of Both Float Sections								
Protective Structure								
Wave Attenuator								
Steel/Timber	10%	2-4	$26,900	2044	* *	5	$18,300	
Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Two Sections East Of Floating Dock Adjacent To Pier And One Section At Southern Attenuator								
Steel/Timber	40%			2054	* *	5	$146,000	
Not Accessible	50%							
Electrical/Mech.								
Power Supply/Bollards								
Plastic	100%			2032	$5,000			
Recent Replace Evident, Extent : N/A, Area Affected : 100%								
Location : One Bollard On Each Float Section								
Fender								
Piles								
Steel	30%			2035	$16,400			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Tidal Zone Of Monopile Fenders								
Explanation : Corrosion								
Not Accessible	70%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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FIRE DEPARTMENT - 057

Project : FIRE DEPARTMENT

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Miscellaneous Buildings	3,312,700	1,707,100

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Miscellaneous Buildings	91,100	40,100	49,000	42,400

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
13736	FORT TOTTEN - BLDG. # 100 GUARD GATE	63	0	4,300
13742	FORT TOTTEN - BLDG. # 131 FORMER RESIDENCE	3,274	320,300	13,900
13743	FORT TOTTEN - BLDG. # 132 FORMER RESIDENCE	4,286	419,300	18,200
13744	FORT TOTTEN - BLDG. # 135 FORMER RESIDENCE	4,339	424,500	18,500
13745	FORT TOTTEN - BLDG. # 136 FORMER RESIDENCE	4,287	419,400	18,200
13751	FORT TOTTEN - BLDG. # 305 FORMER RESIDENCE	1,555	152,100	6,600
13752	FORT TOTTEN - BLDG.# 306 A AND B FORMER RESIDENCE	4,194	410,300	17,800
13753	FORT TOTTEN - BLDG.# 307 A AND B FORMER RESIDENCE	4,194	410,300	17,800
13754	FORT TOTTEN - BLDG.# 308 A AND B FORMER RESIDENCE	4,208	411,700	17,900
13756	FORT TOTTEN - BLDG.# 310 A AND B FORMER RESIDENCE	4,208	411,700	17,900
13757	FORT TOTTEN - BLDG.# 312 A AND B FORMER RESIDENCE	4,282	418,900	18,200
13758	FORT TOTTEN - BLDG.# 314 A AND B QUARTERMASTER STORAGE	3,274	320,300	13,900
13760	FORT TOTTEN - BLDG. # 317 FORMER RESIDENCE	6,056	592,500	25,800
13765	FORT TOTTEN - BLDG. # 331 STORAGE	2,550	249,500	10,800
14029	FORT TOTTEN - BLDG. # 334 QUARTERMASTER STORAGE	600	58,700	2,600

Project : FIRE DEPARTMENT

CAPITAL	FY 2027 - 2030	FY 2031 - 2036
Special Systems	1,210,000	0

EXPENSE	FY 2027	FY 2028	FY 2029	FY 2030
Special Systems	1,290,000	1,320,000	1,360,000	1,380,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
4541	FIREBOAT - FIRE FIGHTER II		380,000	2,255,000
4542	FIREBOAT - THREE FORTY-THREE		380,000	2,255,000
4543	FIREBOAT - BRAVEST		225,000	420,000
4544	FIREBOAT - FEEHAN		225,000	420,000

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