

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : BATTALION 45 OLD EMS STATION 46
Address : 58-65 52ND ROAD
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0016.000 / 4438 **Yr Built/Renovated** : 1956 / 1998
Area Sq Ft : 27,000 **Project Type** : FIRE DEPARTMENT
Date of Survey : 05-Jun-2014 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 2351 **Lot** : 23 **BIN** : 4054172

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$444,800	\$378,800
Interior Architecture	\$182,200	\$28,200
Mechanical		\$39,800
Total	\$627,000	\$446,700
Priority A	\$444,800	\$378,800
Priority B	\$41,300	\$39,800
Priority C	\$140,900	\$28,200
Total	\$627,000	\$446,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$19,400		\$8,100	
Interior Architecture	\$52,900		\$6,900	\$5,000
Electrical	\$3,300	\$1,700	\$1,700	\$2,500
Mechanical	\$17,500	\$2,300	\$3,300	\$2,300
Total	\$93,100	\$3,900	\$20,000	\$9,800
Priority A	\$19,400		\$8,100	
Priority B	\$20,800	\$3,900	\$8,900	\$4,800
Priority C	\$52,900		\$3,000	\$5,000
Total	\$93,100	\$3,900	\$20,000	\$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
BATTALION 45 OLD EMS STATION 46
Asset # : 4438

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	10%	Now	\$40,200	LIFE	**	5	\$3,200	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East And West Facades</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade, West Facade</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade</i>								
Masonry: Brick	10%			LIFE	**	5	\$10,300	A
Metal Panel	5%			2045	**	5-10	\$17,700	A
Metal Coiling Doors	10%			2038	**	5	\$16,100	A
Stucco Cement	65%	Now	\$276,000	2030	**	5	\$41,900	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Northeast Corner</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Corners, North And West Facades</i>								
Windows								
Aluminum	75%			2041	**	5	\$4,500	A
Steel	25%	Now	\$74,700	2050	**	5	\$9,400	A
<i>Air Infiltration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Garage</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Garage</i>								
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Garage</i>								
Parapets								
Cast Stone/Terra Cotta	5%	Now	\$3,800	LIFE	**	5	\$2,400	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coipng</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coping</i>								
Concrete Masonry Unit	30%			LIFE	**	5-10	\$10,400	A
Metal Panel	5%			2045	**	5	\$1,200	A
Stucco Cement	60%			2030	**	5	\$9,700	A
Roof								
Modified Bitumen	60%	Now	\$40,400	2025				A
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
<i>Ponding, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Flat Roof</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Flat Roof Over Office</i>								
Modified Bitumen	40%	Now	\$13,500	2025			\$134,800	A
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Emergency Response Area</i>								
Interior								

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

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

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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	45%	Now	\$140,900	LIFE	**	5	\$31,300	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Emergency Response Area</i>								
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Emergency Response Area</i>								
<i>Uneven Surface, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Emergency Response Area</i>								
Ceramic Tile	3%			2034	**	5	\$1,000	C
Panel/Paver: Cer/Brk	5%			2033	**	5	\$3,600	C
Raised Access Floor	5%			2034	**	5	\$6,000	C
Steel Plate	1%	Now	\$27,500	LIFE	**	1		C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Emergency Response Area</i>								
<i>Deformed/Dented, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Emergency Response Area</i>								
<i>Uneven Surface, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Emergency Response Area</i>								
Vinyl Tile	11%			2025	\$28,200	3	\$1,700	C
Vinyl Tile	30%			2030	**	3	\$3,600	C
Interior Walls								
Ceramic Tile	5%			2034	**	5	\$2,200	C
Concrete Masonry Unit	70%			LIFE	**	5	\$25,200	C
Gypsum Board	25%			LIFE	**	5-10	\$19,100	C
Ceilings								
AcousTileConcealSpLn	20%			2038	**	5	\$7,900	B
AcousTileSusp.Lay-In	15%			2030	**	5	\$4,800	B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Office</i>								
Exposed Struc: Steel	65%			LIFE	**	10	\$41,300	B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Emergency Response Area</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	\$1,600	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : No Available Nameplate Ratings</i>								
Switchgear / Switchboard								
Fused Disc Sw	80%			2025	\$16,100	5	\$100	B
Fused Disc Sw	20%			2045	**	5		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
BATTALION 45 OLD EMS STATION 46
Asset # : 4438

System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts							
Raceway							
Conduit	80%		2025	\$17,600	1		B
Conduit	20%		2045	* *	1		B
Panelboards							
Fused Disc Sw	10%		2033	* *	5	\$100	B
Molded Case Bkrs	60%		2024	\$10,300	5	\$400	B
Molded Case Bkrs	20%		2041	* *	5	\$100	B
Molded Case Bkrs	10%		2033	* *	5	\$100	B
Wiring							
Thermoplastic	80%		2025	\$12,300	1		B
Thermoplastic	20%		2045	* *	1		B
Ground							
Grounding Devices							
Not Accessible	100%						D
Stand-by Power							
Transfer Switches							
Automatic	100%		2038	* *	1	\$8,300	B
Generators							
Diesel	50%		2034	* *	1	\$5,200	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
			<i>Location : Outside</i>				
			<i>Explanation : Generator Rated @ 81 Kva</i>				
Not Accessible	50%						D
Batteries							
Lead/Acid	100%		2019	\$600	5	\$1,000	B
Fuel Storage							
Day Tank	50%		2041	* *	5	\$2,000	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
			<i>Location : Outside</i>				
			<i>Explanation : No Available Nameplate Rating Capacity</i>				
Not Accessible	50%						D
Lighting							
Interior Lighting							
Fluorescent	20%		2025	\$7,800	10	\$3,900	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
			<i>Location : Throughout The Building</i>				
			<i>Explanation : T-12 Lamps</i>				
Fluorescent	60%		2030	* *	10	\$11,700	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>				
			<i>Location : Throughout The Building</i>				
			<i>Explanation : T-8 Lamps</i>				
HID	20%		2025	\$2,200	10	\$100	B
Egress Lighting							
Emergency, Service	50%		2030	* *	1		B
Exit, Service	50%		2030	* *	1		B
Exterior Lighting							
HID	100%		2020	\$1,400	10	\$100	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
BATTALION 45 OLD EMS STATION 46

Asset # : 4438

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

Alarm

Security System

No Component

70%

D

Generic

30%

2025

\$23,200

1

\$3,000

B

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

Location : Outside And Inside

Explanation : C C T V Surveillance Cameras

Fire/Smoke Detection

No Component

90%

D

Generic, Analog

10%

2025

\$26,500

B

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

Location : Hallways

Explanation : Smoke Detectors

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

Heating

Energy Source

Electricity

5%

2035

**

1

B

Natural Gas

95%

2035

**

1

B

Conversion Equipment

Furnace

10%

Now

\$2,500

2035

**

1

\$900

B

Other Observation, Extent : Light, Area Affected : 95%

Location : 1 Obsolete Package Unit On The Roof

Explanation : Total - 7 Units

Furnace

60%

2025

\$14,700

1

\$6,300

B

Other Observation, Extent : Light, Area Affected : 60%

Location : Roof

Explanation : 3 Package Units

Furnace

25%

2033

**

1

\$2,600

B

Other Observation, Extent : Light, Area Affected : 25%

Location : Roof

Explanation : 1 Package Unit

Radiant Heater

5%

2025

\$4,400

2

\$500

B

Air Conditioning

Energy Source

Electricity

100%

2033

**

1

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
BATTALION 45 OLD EMS STATION 46
Asset # : 4438

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%			2025	\$39,800	2	\$400	B
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Roof</i>							
	<i>Other Observation, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 3 Units</i>							
Ext Pkg Unit - Heating/Cooling	20%			2033	**	2	\$300	B
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 1 Unit Using Refrigerant R-410a</i>							
Ext Pkg Unit - Heating/Cooling	5%	Now	\$6,600	2035	**	2	\$100	B
	<i>Obsolete Equipment, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Roof</i>							
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Roof</i>							
Window/Wall Unit	5%			2020	\$2,100	1		B
No Component	40%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$18,700	B
Exhaust Fans								
Roof	90%			2025	\$14,400	2	\$600	B
Wall Unit	10%			2020	\$3,000	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	**	1		B
Water Heater								
Gas Fired	100%			2020	\$4,700	2	\$300	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2020	\$2,000	1	\$1,300	B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
Generic	100%			2035	**	1-2	\$5,900	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.

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : COMMUNICATIONS CENTER-BRONX
Address : 1129 EAST 180TH STREET @ BRONX PARK
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIR0007.010 / 1996 **Yr Built/Renovated** : 1915 / 2007
Area Sq Ft : 10,860 **Project Type** : FIRE DEPARTMENT
Date of Survey : 07-Feb-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,atc
Block : 4333 **Lot** : 1 **BIN** : 2101003

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$47,500	
Interior Architecture		\$621,100
Total	\$47,500	\$621,100
Priority A	\$47,500	
Priority C		\$621,100
Total	\$47,500	\$621,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture			\$2,800	\$1,400
Interior Architecture	\$5,700		\$2,500	\$2,100
Electrical	\$2,200	\$2,600	\$11,800	\$2,600
Mechanical	\$3,400	\$2,600	\$5,900	\$2,600
Total	\$11,300	\$5,300	\$23,100	\$8,700
Priority A			\$2,800	\$1,400
Priority B	\$5,600	\$5,300	\$17,800	\$5,200
Priority C	\$5,700		\$2,500	\$2,100
Total	\$11,300	\$5,300	\$23,100	\$8,700



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

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

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

FIRE DEPARTMENT - 057
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 Code
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$9,900	A
Masonry: Brick	87%			LIFE	**	5	\$22,000	A
Masonry: Brick	3%			LIFE	**	5	\$800	A
Masonry: Limestone	2%			LIFE	**	5	\$400	A
Window Wall	3%			2049	**	5	\$2,800	A
Windows								
Aluminum	100%			2045	**	5	\$3,400	A
Roof								
Clay Tile	93%	Now	\$47,500	2043	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Ice Breakers Missing</i>								
Copper/Terne	7%			2058	**	10	\$2,800	A
Interior								
Floors								
Carpet	27%			2024	\$55,400	3	\$6,900	C
Cast in Place Concrete	25%			LIFE	**	5	\$9,300	C
Ceramic Tile	3%			2036	**	5	\$500	C
Quarry Tile	2%			2028	**	5	\$500	C
Raised Access Floor	15%			2036	**	5	\$9,500	C
Terrazzo	5%			LIFE	**	5	\$700	C
Vinyl Tile	23%			2028	**	3	\$1,900	C
Interior Walls								
Ceramic Tile	3%			2036	**	5	\$400	C
Concrete Masonry Unit	5%			LIFE	**	5	\$300	C
Fabric on Framing	45%			2024	\$621,100	5	\$3,200	C
Gypsum Board	10%			LIFE	**	5	\$900	C
Gypsum Board	5%			LIFE	**	5	\$400	C
Masonry: Brick	10%			LIFE	**			C
Plaster	20%			LIFE	**	5	\$900	C
Wood	2%			LIFE	**	5	\$1,100	C
Ceilings								
AcousTileSusp.Lay-In	15%			2040	**	5	\$2,500	B
Exposed Concrete	20%			LIFE	**	5	\$500	B
Gypsum Board	15%			LIFE	**	5	\$3,200	B
Plaster	50%			LIFE	**	5	\$5,300	B

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

Under 600 Volts

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

Estimates are rounded to the nearest hundred dollars.

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

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

FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-BRONX

Asset # : 1996

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	**	5		B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Main Service Disconnect Switch Rated @ 2000 Amperes</i>						
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	**	5		B
Raceway								
Conduit	100%			2043	**	1		B
Panelboards								
Molded Case Bkrs	100%			2039	**	5	\$300	B
Wiring								
Thermoplastic	100%			2043	**	1		B
Motor Controllers								
Locally Mounted	100%			2036	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	**	1	\$3,300	B
Generators								
Diesel	50%			2032	**	1	\$2,100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside The Building</i>						
		<i>Explanation : 2 - 125 Kva</i>						
Diesel	50%			2032	**	1	\$2,100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : 2 - 638 Kva, Kohler Power System</i>						
Batteries								
Lead/Acid	100%			2017		5	\$400	B
Fuel Storage								
Day Tank	50%			2039	**	5	\$1,000	B
Underground Storage	50%			LIFE	**	5	\$300	B
Lighting								
Interior Lighting								
Fluorescent	90%			2028	**	10	\$9,000	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	8%			2028	**	10	\$800	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Corridors</i>						
		<i>Explanation : Compact Fluorescent Lamps</i>						
Incandescent	2%			2028	**	2		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
COMMUNICATIONS CENTER-BRONX

Asset # : 1996

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

Lighting

Egress Lighting

Emergency, Service	50%			2028	**	1		B
Emergency, Battery	10%			2028	**	10	\$300	B
Exit, Service	40%			2028	**	1		B

Lighting Protection

Arresters/Cabling

Generic	100%			2051	**	5	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Tower And Roof</i>								
<i>Explanation : Steel Lightning Rods</i>								

Alarm

Security System

Generic	100%			2028	**	1	\$4,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inside And Outside The Building</i>								
<i>Explanation : CCTV Surveillance System And Intrusion Alarm System</i>								

Fire/Smoke Detection

Generic	100%			2028	**	1-3	\$6,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Alarm Bells, Manual Pull Stations And Smoke Detectors</i>								

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

Heating

Energy Source

Fuel Oil No 2	100%			2043	**	5	\$3,400	B
---------------	------	--	--	------	----	---	---------	---

Conversion Equipment

Hot Water Boiler	100%			2040	**	1	\$5,400	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 2 Units</i>								

Distribution

Hot Wtr Piping/Pump	100%			2045	**	4	\$800	B
---------------------	------	--	--	------	----	---	-------	---

Terminal Devices

Air Handler	60%			2031	**	1	\$4,000	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Very Difficult To Operate The B M S According To The Captain</i>								

Convactor/Radiator	40%			2040	**	1	\$1,400	B
--------------------	-----	--	--	------	----	---	---------	---

Air Conditioning

Energy Source

Electricity	100%			2039	**	1		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
COMMUNICATIONS CENTER-BRONX

Asset # : 1996

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2028	* *	1	\$4,000	B
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 80%</i>							
	<i>Location : Outside In The Yard</i>							
No Component	20%							D
Distribution								
Chilled Wtr Pipe/Pump	80%			2043	* *	4	\$400	B
No Component	20%							D
Terminal Devices								
Air Handler/Cool/Ht	80%			2031	* *	1	\$5,400	B
No Component	20%							D
Heat Rejection								
Remote Air Cond	80%			2028	* *	2	\$6,100	B
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,100	B
Exhaust Fans								
Interior	100%			2031	* *	2	\$300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		B
Water Heater								
Gas Fired	100%			2022		2	\$200	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
No Component	30%							D
Generic	70%			2049	* *	1-2	\$2,100	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.

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

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

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture			\$3,000	
Total			\$3,000	
Priority A			\$3,000	
Total			\$3,000	



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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$13,800	A
<i>Repairs in Progress, Extent : Light, Area Affected : 25%</i>								
<i>Location : Cornices</i>								
Masonry: Brick	92%			LIFE	**	5	\$32,500	A
<i>Repairs in Progress, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	3%			LIFE	**	5	\$800	A
<i>Repairs in Progress, Extent : Light, Area Affected : 25%</i>								
<i>Location : Spandrels, Lintels</i>								
Windows								
Aluminum	100%			2048	**	5	\$6,000	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Clay Tile	100%			2043	**	10	\$28,700	A
<i>Repairs in Progress, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Under Construction	100%							D
Interior Walls								
Under Construction	100%							D
Ceilings								
Under Construction	100%							D

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Under Construction	100%							D
Transformers								
Under Construction	100%							D
Switchgear / Switchboard								
Under Construction	100%							D
Raceway								
Under Construction	100%							D
Panelboards								
Under Construction	100%							D
Wiring								
Under Construction	100%							D
Motor Controllers								
Under Construction	100%							D

Ground

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

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

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

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

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

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

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

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

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

FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-BROOKLYN

Asset # : 1994

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Conversion Equipment							
Not Accessible	100%						D
Distribution							
Not Accessible	100%						D
Terminal Devices							
Not Accessible	100%						D
Heat Rejection							
Not Accessible	100%						D
Ventilation							
Distribution							
Not Accessible	100%						D
Exhaust Fans							
Not Accessible	100%						D
Plumbing							
H/C Water Piping							
Not Accessible	100%						D
Water Heater							
Not Accessible	100%						D
HW Heat Exchanger							
Not Accessible	100%						D
Sanitary Piping							
Not Accessible	100%						D
Storm Drain Piping							
Not Accessible	100%						D
Sump Pump(s)							
Not Accessible	100%						D
Sewage Ejector(s)							
Not Accessible	100%						D
Backflow Preventer							
Not Accessible	100%						D
Fixtures							
Not Accessible	100%						D
Fire Suppression							
Standpipe							
Not Accessible	100%						D
Sprinkler							
Not Accessible	100%						D
Fire Pump							
Not Accessible	100%						D

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

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

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

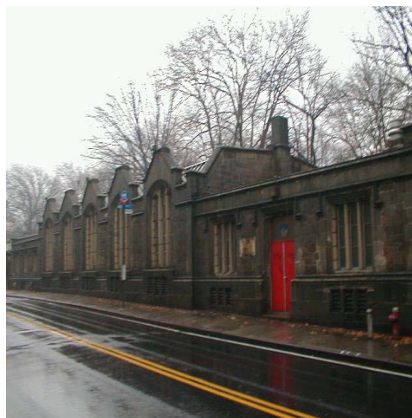
Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

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

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$133,300	\$81,800
Electrical	\$17,300	\$82,100
Total	\$150,600	\$163,900
Priority A	\$133,300	\$81,800
Priority B	\$17,300	\$82,100
Total	\$150,600	\$163,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$2,100			
Electrical	\$1,800	\$1,500	\$11,300	\$1,500
Mechanical	\$1,700	\$2,700	\$7,300	\$3,200
Total	\$5,600	\$4,300	\$18,600	\$4,700
Priority A	\$2,100			
Priority B	\$3,500	\$4,300	\$18,600	\$4,700
Total	\$5,600	\$4,300	\$18,600	\$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
COMMUNICATIONS CENTER-MANHATTAN
Asset # : 1993

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

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2043	**	5	\$400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switches Rated @ 1200 Amperes And 700 Amperes</i>								
Transformers								
Dry Type	100%			2021	\$15,500	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 75 Kva</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	60%			2023	\$39,900	5		B
Molded Case Bkrs	40%			2043	* *	5	\$100	B
Raceway								
Conduit	60%			2023	\$12,800	1		B
Conduit	40%			2043	* *	1		B
Panelboards								
Molded Case Bkrs	60%			2022	\$15,100	5	\$200	B
Molded Case Bkrs	40%			2039	* *	5	\$100	B
Wiring								
Thermoplastic	50%			2023	\$13,500	1		B
Thermoplastic	50%			2043	* *	1		B
Motor Controllers								
Locally Mounted	70%			2021	\$6,300	5	\$100	B
Locally Mounted	30%			2036	* *	5		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Stand-by Power								
Transfer Switches								
Automatic	100%			2040	* *	1	\$4,100	B
Generators								
Diesel	100%			2036	* *	1	\$5,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 2 - 300 Kw Detroit Diesel Generators</i>								
Batteries								
Lead/Acid	100%			2018	\$700	5	\$500	B
Fuel Storage								
Day Tank	50%			2045	* *	5	\$1,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 275 Gallons Capacity</i>								
Underground Storage	50%			LIFE	* *	5	\$400	B
Lighting								
Interior Lighting								
Fluorescent	30%			2018	\$17,300	10	\$3,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	70%			2031	* *	10	\$8,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Egress Lighting								
Emergency, Service	50%			2031	**	1		B
Emergency, Battery	5%			2031	**	10	\$200	B
Exit, LED	45%			2058	**	1		B
Exterior Lighting								
HID	100%			2018	\$5,100	10		B
Lightning Protection								
Arresters/Cabling								
Generic	100%			2026	**	5	\$600	B
Alarm								
Security System								
Generic	100%			2023	\$42,200	1	\$5,000	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout The Building</i>					
			<i>Explanation : CCTV Surveillance System And Intrusion Alarm System</i>					
Fire/Smoke Detection								
Under Construction	100%							D
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	**	5	\$3,900	B
Conversion Equipment								
Steam Boiler	100%			2043	**	1	\$12,400	B
			<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement Boiler Room</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement Boiler Room</i>					
			<i>Explanation : 2 Units</i>					
Distribution								
Hot Wtr Piping/Pump	50%			2022	\$32,800	4	\$300	B
Steam Piping/Pump	50%			2053	**	4	\$500	B
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : Basement Piping Has Been Replaced</i>					
Terminal Devices								
Convactor/Radiator	60%			2043	**	1	\$2,400	B
Under Construction	40%							D
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		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
COMMUNICATIONS CENTER-MANHATTAN

Asset # : 1993

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	40%			2033	* *	1	\$2,300	B
		<i>Other Observation, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Rear Yard</i>						
		<i>Explanation : New Air Conditioning System For New Communication Equipment Room</i>						
No Component	20%							D
Under Construction	40%							D
Distribution								
Chilled Wtr Pipe/Pump	40%			2053	* *	4	\$400	B
		<i>Other Observation, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Rear Yard</i>						
		<i>Explanation : New Air Conditioning System For New Communication Equipment Room</i>						
No Component	20%							D
Under Construction	40%							D
Terminal Devices								
Direct Expansion	40%			2033	* *	1		B
		<i>Other Observation, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : New Air Conditioning System For New Communication Equipment Room</i>						
No Component	20%							D
Under Construction	40%							D
Heat Rejection								
Remote Air Cond	40%			2033	* *	2	\$3,500	B
		<i>Other Observation, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Rear Yard</i>						
		<i>Explanation : New Air Conditioning System For New Communication Equipment Room</i>						
No Component	20%							D
Under Construction	40%							D
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	\$2,800	B
		<i>Other Observation, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Communication Equipment Room, Basement</i>						
		<i>Explanation : New Ductwork</i>						
Under Construction	60%							D
Exhaust Fans								
Roof	30%			2018	\$3,100	2	\$100	B
Under Construction	70%							D
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2033	* *	1		B
Galv Iron/Steel	80%			2021	\$31,200	1		B
Water Heater								
Electric	100%			2021	\$2,000	4	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		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
COMMUNICATIONS CENTER-MANHATTAN
Asset # : 1993

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2023	\$11,500	4	\$1,600	B
Fixtures								
Under Construction	100%							D

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

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

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

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

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

CAPITAL		FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture		\$146,300	
Mechanical			\$129,500
Total		\$146,300	\$129,500
Priority A		\$146,300	
Priority B			\$129,500
Total		\$146,300	\$129,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$13,800		\$5,600	
Interior Architecture	\$8,700	\$900	\$2,100	\$300
Electrical	\$1,800	\$2,400	\$10,300	\$2,300
Mechanical	\$2,500	\$2,900	\$4,600	\$3,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$30,700	\$10,200	\$26,600	\$9,900
Priority A	\$13,800		\$5,600	
Priority B	\$10,000	\$9,300	\$18,900	\$9,600
Priority C	\$6,900	\$900	\$2,100	\$300
Total	\$30,700	\$10,200	\$26,600	\$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
COMMUNICATIONS CENTER-QUEENS
Asset # : 1995

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	**	5	\$20,400	A
Masonry: Granite	3%			LIFE	**	5	\$500	A
Masonry: Limestone	10%	Now	\$13,800	LIFE	**	5	\$1,800	A
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Cornices</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Cornices</i>								
Metal Coiling Doors	2%			2028	**	5	\$1,500	A
Windows								
Aluminum	100%			2045	**	5	\$4,100	A
Roof								
Clay Tile	95%	Now	\$146,300	2043	**			A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Dome</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Dome</i>								
Copper/Terne	5%			2058	**	10	\$4,900	A
Interior								
Floors								
Carpet	30%			2024	\$49,800	3	\$6,200	C
Cast in Place Concrete	20%			LIFE	**	5	\$6,000	C
Ceramic Tile	5%			2036	**	5	\$700	C
Raised Access Floor	20%			2036	**	5	\$10,300	C
Terrazzo	5%			LIFE	**	5	\$500	C
Vinyl Tile	20%			2031	**	3	\$1,400	C
Interior Walls								
Cast in Place Concrete	10%			LIFE	**			C
Ceramic Tile	5%			2036	**	5	\$900	C
Fabric on Framing	20%			2027	**	5	\$1,800	C
Gypsum Board	35%			LIFE	**	5	\$3,700	C
Masonry: Brick	10%			LIFE	**			C
Plaster	5%	Now	\$700	LIFE	**	5	\$300	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Communication Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Communication Room</i>								
Plaster	15%			LIFE	**	5	\$800	C

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

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

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

FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-QUEENS

Asset # : 1995

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	50%			2040	**	5	\$6,900	B
Exposed Concrete	20%			LIFE	**	5	\$400	B
Gypsum Board	10%			LIFE	**	5	\$1,700	B
Plaster	5%	Now	\$1,700	LIFE	**	5	\$400	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Communication Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Communication Room</i>								
Plaster	15%			LIFE	**	5	\$1,300	B
Electrical								
Current Repair		Future Replacement		Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated @ 2000 Amperes</i>								
Transformers								
Dry Type	100%			2036	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 225 Kva, 480/208/120 Volts</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	**	5		B
Raceway								
Conduit	100%			2043	**	1		B
Panelboards								
Molded Case Bkrs	100%			2039	**	5	\$300	B
Wiring								
Thermoplastic	100%			2043	**	1		B
Motor Controllers								
Locally Mounted	100%			2036	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Meter Room</i>								
<i>Explanation : Connected To Main Water Pipe.</i>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	**	1	\$3,000	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
COMMUNICATIONS CENTER-QUEENS
Asset # : 1995

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Generators								
Diesel	50%			2032	**	1	\$1,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 2 - 638 Kva Kohler Power System</i>								
Diesel	50%			2032	**	1	\$1,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside The Building</i>								
<i>Explanation : 2 - 125 Kva</i>								
Batteries								
Lead/Acid	100%			2017		5	\$400	B
Fuel Storage								
Day Tank	50%			2039	**	5	\$900	B
Underground Storage	50%			LIFE	**	5	\$300	B
Lighting								
Interior Lighting								
Fluorescent	70%			2028	**	10	\$5,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	30%			2028	**	10	\$2,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Corridors And Offices</i>								
<i>Explanation : Compact Fluorescent Lamps</i>								
Egress Lighting								
Emergency, Service	50%			2028	**	1		B
Emergency, Battery	10%			2028	**	10	\$200	B
Exit, Service	40%			2028	**	1		B
Exterior Lighting								
HID	100%			2028	**	10		B
Alarm								
Security System								
Generic	100%			2028	**	1	\$3,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inside And Outside The Building</i>								
<i>Explanation : CCTV Surveillance System And Intrusion Alarm System</i>								
Fire/Smoke Detection								
Generic	100%			2028	**	1-3	\$6,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors, Alarm Bells</i>								

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

Heating

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

Estimates are rounded to the nearest hundred dollars.

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

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

FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-QUEENS

Asset # : 1995

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2033	* *	5	\$2,800	B
Conversion Equipment								
Hot Water Boiler	100%			2028	* *	1	\$4,500	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 Units</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2039	* *	4	\$500	B
Terminal Devices								
Air Handler	70%			2023	\$32,800	1	\$4,000	B
Fan Coil Unit/Heat	30%			2023	\$39,000	1	\$900	B
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	80%			2032	* *	1	\$7,900	B
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Chiller Side Yard</i>						
Int Pkg Unit - Cooling	20%			2027	* *	2	\$100	B
Distribution								
Chilled Wtr Pipe/Pump	80%			2043	* *	4	\$400	B
No Component	20%							D
Terminal Devices								
Air Handler/Cool/Ht	25%			2023	\$9,200	1	\$1,400	B
Fan Coil - Cool/Heat	55%			2023	\$90,500	1	\$1,600	B
No Component	20%							D
Heat Rejection								
Remote Air Cond	20%			2031	* *	2	\$1,300	B
No Component	80%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,100	B
Exhaust Fans								
Interior	100%			2028	* *	2	\$300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		B
Water Heater								
Oil Fired	100%			2021	\$2,700	1	\$300	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 2 Units</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		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
COMMUNICATIONS CENTER-QUEENS

Asset # : 1995

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Backflow Preventer								
Generic	100%			2028	* *	1	\$600	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : B-1</i>						
		<i>Explanation : 1 Unit</i>						
Fire Suppression								
Sprinkler								
Generic	100%			2043	* *	1-2	\$2,600	B
Fire Pump								
Generic	100%			2032	* *	1	\$1,700	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.*

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

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

CAPITAL		FY 2016 - 2019	FY 2020 - 2025
Mechanical			\$136,900
Total			\$136,900
Priority	B		\$136,900
Total			\$136,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture			\$5,300	
Electrical	\$29,400	\$1,600	\$2,400	\$1,700
Mechanical	\$7,300	\$2,700	\$3,200	\$5,200
Total	\$36,700	\$4,300	\$10,900	\$6,900
Priority	A		\$5,300	
Priority	B	\$36,700	\$4,300	\$6,900
Total	\$36,700	\$4,300	\$10,900	\$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
COMMUNICATIONS CENTER-STATEN ISL
Asset # : 1997

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	3%			LIFE	**	5	\$1,400	A
Masonry: Brick	80%			LIFE	**	5	\$7,600	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Metal Panel	5%			2043	**	5-10	\$3,300	A
Metal Panel	10%			2043	**	5-10	\$6,600	A
Window Wall	2%			2043	**	5	\$700	A
Windows								
Aluminum	95%			2048	**	5	\$2,600	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Glass Block	5%			LIFE	**	5	\$100	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Facade</i>								
Roof								
Modified Bitumen	90%			2033	**	10	\$9,000	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Modified Bitumen	10%			2028	**	10	\$1,000	A
Interior								
Floors								
Under Construction	100%							D
Interior Walls								
Under Construction	100%							D
Ceilings								
Under Construction	100%							D

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Not Accessible	100%							D
Transformers								
Not Accessible	100%							D
Switchgear / Switchboard								
Not Accessible	100%							D
Raceway								
Conduit	50%			2023	\$9,700	1		B
Conduit	50%			2049	**	1		B
Panelboards								
Molded Case Bkrs	50%			2022	\$11,500	5	\$200	B
Molded Case Bkrs	50%			2045	**	5	\$200	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
COMMUNICATIONS CENTER-STATEN ISL
Asset # : 1997

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Wiring								
Thermoplastic	50%			2033	**	1		B
Thermoplastic	50%			2049	**	1		B
Motor Controllers								
Locally Mounted	100%			2040	**	5	\$100	B
Ground								
Grounding Devices								
Not Accessible	100%							D
Stand-by Power								
Transfer Switches								
Not Accessible	100%							D
Generators								
Diesel	40%	Now	\$27,500	2038	**	1	\$1,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Sub Basement</i>								
<i>Explanation : Not Operational, (2) 200 Kw Cummins Genset</i>								
Diesel	40%			2036	**	1	\$1,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : (2) 638 Kva, Kohler Power System</i>								
Diesel	20%			2036	**	1	\$900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : No Available Ratings</i>								
Batteries								
Lead/Acid	100%			2018		5	\$400	B
Fuel Storage								
Day Tank	50%			2045	**	5	\$1,100	B
Underground Storage	50%			LIFE	**	5	\$400	B
Lighting								
Interior Lighting								
Fluorescent	70%			2031	**	10	\$7,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Under Construction	30%							D
Egress Lighting								
Emergency, Service	50%			2031	**	1		B
Emergency, Battery	30%			2031	**	10	\$800	B
Exit, Service	20%	Now	\$300	2033	**	1		B
<i>Not Functioning, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Exterior Lighting								
HID	100%			2023		10	\$4,000	B
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
COMMUNICATIONS CENTER-STATEN ISL
Asset # : 1997

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

Alarm

Security System

Generic

100%

2031

* *

1

\$4,300

B

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

Fire/Smoke Detection

Generic

100%

2031

* *

1-3

\$7,300

B

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

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

Heating

Energy Source

Fuel Oil No 2

100%

2049

* *

5

\$3,600

B

Conversion Equipment

Hot Water Boiler

100%

2043

* *

1

\$5,700

B

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

Distribution

Hot Wtr Piping/Pump

40%

2048

* *

4

\$300

B

Hot Wtr Piping/Pump

60%

2022

\$33,000

4

\$300

B

Terminal Devices

Convactor/Radiator

60%

Now

\$6,200

2021

\$62,000

1

\$2,000

B

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

Not Accessible

40%

D

Air Conditioning

Energy Source

Electricity

100%

2039

* *

1

B

Conversion Equipment

Reciprocating

80%

2023

\$29,700

1

\$4,300

B

Compr/Chiller

20%

D

No Component

Distribution

Chilled Wtr Pipe/Pump

80%

2033

* *

4

\$700

B

No Component

20%

D

Terminal Devices

No Component

20%

D

Not Accessible

25%

D

Under Construction

55%

D

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

Estimates are rounded to the nearest hundred dollars.

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

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

FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-STATEN ISL
Asset # : 1997

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Heat Rejection								
Remote Air Cond	80%			2023	\$41,900	2	\$6,400	B
No Component	20%							D
Ventilation								
Distribution								
Under Construction	100%							D
Exhaust Fans								
Roof	20%			2018	\$1,700	2	\$100	B
Under Construction	80%							D
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2049	**	1		B
Galv Iron/Steel	40%			2021	\$13,100	1		B
Water Heater								
Electric	100%			2023	\$1,700	4	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2031	**	4	\$1,600	B
Backflow Preventer								
Not Accessible	100%							D
Fixtures								
Under Construction	100%							D
Fire Suppression								
Sprinkler								
Not Accessible	25%							D
Under Construction	75%							D

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

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

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

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

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

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$55,100	
Total	\$55,100	
Priority A	\$55,100	
Total	\$55,100	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$700	\$2,700		\$22,600
Interior Architecture	\$25,000	\$800	\$1,500	
Electrical	\$1,100	\$2,300	\$1,100	\$1,500
Mechanical	\$1,300	\$1,200	\$5,300	\$1,200
Total	\$28,100	\$6,900	\$7,900	\$25,200
Priority A	\$700	\$2,700		\$22,600
Priority B	\$10,300	\$3,500	\$6,400	\$2,600
Priority C	\$17,000	\$800	\$1,500	
Total	\$28,100	\$6,900	\$7,900	\$25,200



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

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

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$17,200	A
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Building 50 - Integrated Facility</i>								
<i>Explanation : Ems Station Is Part Of A Larger Building Within Seaview Hospital Campus - Asset #13433 Also Housing An Ocme Facility</i>								
Masonry: Brick	50%			LIFE	**	5	\$17,200	A
Metal Panel	20%			2044	**	5-10	\$47,300	A
<i>Corrosion/Rusting, Extent : Light, Area Affected : 5%</i>								
<i>Location : Bulkhead</i>								
Metal Sect. OHD	5%			2037	**	5	\$5,400	A
Window Wall	15%			2044	**	5	\$19,300	A
Windows								
Aluminum	100%			2040	**	5	\$1,300	A
Parapets								
Metal Panel	25%	4+	\$700	2044	**	5	\$300	A
<i>Deteriorated Finish, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout All Vertical Corrugated Surfaces</i>								
Metal Rail	5%	4+		2037	**	5	\$200	A
<i>Deteriorated Finish, Extent : Light, Area Affected : 5%</i>								
<i>Location : Trhoughout.</i>								
Pre-Cast Concrete	70%			LIFE	**	5	\$3,000	A
Roof								
Single Ply Membrane	100%	0-2	\$55,100	2029	**			A
<i>Blisters, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Drains Clogged, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	50%	Now	\$17,000	LIFE	**	5	\$17,200	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Garage Area</i>								
Ceramic Tile	10%			2033	**	5	\$1,600	C
Vinyl Tile	40%			2029	**	3	\$2,400	C
Interior Walls								
Ceramic Tile	10%			2033	**	5	\$1,400	C
Concrete Masonry Unit	30%			LIFE	**	5	\$1,700	C
Gypsum Board	60%			LIFE	**	5	\$5,200	C
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								

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

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

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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	60%	Now	\$7,900	2037	**	5	\$4,700	B
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Gypsum Board	40%			LIFE	**	5	\$7,900	B
Site Pavements								
Parking/Driveway								
Asphalt	100%	Now		2033	**			C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Rear Ground Level Electrical Room</i>								
<i>Explanation : One 1200 Amp Switch - Siemens Equipment</i>								
Transformers								
Liquid Filled	100%			2037	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside Enclosure</i>								
<i>Explanation : One 13.8 Kva 480hv-208/120lv</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	**	5		B
Raceway								
Conduit	100%			2044	**	1		B
Panelboards								
Fused Disc Sw	5%			2040	**	5		B
Molded Case Bkrs	95%			2040	**	5	\$300	B
Wiring								
Thermoplastic	100%			2044	**	1		B
Motor Controllers								
Locally Mounted	100%			2037	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	**	1	\$3,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : In Garage And Electrical Room</i>								
<i>Explanation : 1- 150 Amp And 1- 260 Amp Switch. Kohler Equipment</i>								

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

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

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

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

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Generators								
Diesel	100%			2027	**	1	\$4,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside Of Building</i>								
<i>Explanation : One 100 Kva Generator</i>								
Batteries								
Lead/Acid	100%			2017	\$700	5	\$400	B
Fuel Storage								
Main Tank	100%			2052	**	5	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 275 Gallons</i>								
Lighting								
Interior Lighting								
Fluorescent	93%			2024	\$29,600	10	\$9,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Fixtures In Garage And Throughout First Floor / T-12 Fixtures In Hallway</i>								
HID	6%			2029	**	10		B
Incandescent	1%			2019	\$300	2		B
Egress Lighting								
Emergency, Service	50%			2029	**	1		B
Exit, Service	50%			2029	**	1		B
Exterior Lighting								
HID	100%			2029	**	10		B
Alarm								
Security System								
No Component	90%							D
Generic	10%			2029	**	1	\$400	B
Fire/Smoke Detection								
No Component	50%							D
Generic	50%			2029	**	1-3	\$3,200	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		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
EMS 22 & MAINTENANCE GARAGE WILLOWBROOK STATION
Asset # : 14007

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Furnace	50%			2029	**	1	\$2,600	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof, E M S And Fire Department Garages</i>								
<i>Explanation : 2 Packaged Rooftop Units With Gas Heat And 5 Gas Fired Space Heaters</i>								
Hot Water Boiler	50%			2037	**	1	\$2,600	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : E M S And Fire Department Boiler Rooms</i>								
<i>Explanation : 4 Gas Fired Hot Water Boilers</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2040	**	4	\$800	B
Terminal Devices								
Convactor/Radiator	100%			2037	**	1	\$3,400	B
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		B
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2029	**	2	\$600	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 2 Package Rooftop Units</i>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$13,700	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$5,900	B
Exhaust Fans								
Roof	100%			2029	**	2	\$300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	**	1		B
Water Heater								
Gas Fired	100%			2022	\$2,500	2	\$200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : 1 - 250 Gallon Unit</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2029	**	1	\$600	B
Fixtures								
Generic	100%							B
Vertical Transport								

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

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

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

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

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

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : EMS BUILDING BATTALION 4
Address : PIERS 35 & 36, EAST RIVER 271 MARGINAL STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DGSP005.000 / 2405 **Yr Built/Renovated** : 1963 / 2000
Area Sq Ft : 12,322 **Project Type** : FIRE DEPARTMENT
Date of Survey : 06-Jun-2014 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2,3
Block : 241 **Lot** : 13 **BIN** : 1079601

CAPITAL		FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture		\$474,300	\$133,700
Interior Architecture			\$30,200
Total		\$474,300	\$163,900
Priority A		\$474,300	\$133,700
Priority C			\$30,200
Total		\$474,300	\$163,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$71,700		\$3,900	
Interior Architecture	\$51,700	\$200		\$900
Electrical	\$1,300	\$900	\$1,200	\$1,700
Mechanical	\$14,100	\$6,400	\$6,600	\$10,700
Total	\$138,800	\$7,500	\$11,600	\$13,300
Priority A	\$71,700		\$3,900	
Priority B	\$31,000	\$7,300	\$7,700	\$12,300
Priority C	\$36,100	\$200		\$900
Total	\$138,800	\$7,500	\$11,600	\$13,300



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 BUILDING BATTALION 4
Asset # : 2405

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$13,300	LIFE	**	5	\$6,200	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Around Ledge Below Parapets</i>								
Masonry: Brick Cavity	70%			LIFE	**	5	\$34,900	A
Metal Panel	5%	Now	\$1,700	2035	**	5	\$2,300	A
<i>Deformed/Dented, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Stairway</i>								
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Stairway</i>								
Metal Coiling Doors	10%			2038	**	5	\$7,800	A
Pre-Cast Concrete	10%			LIFE	**	5	\$16,200	A
Windows								
Aluminum	20%			2041	**	5	\$2,400	A
Steel	80%	Now	\$474,300	2050	**	5	\$59,900	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Pre-Cast Concrete	100%			LIFE	**	5	\$35,400	A
Roof								
Built-Up (BUR)	92%			2033	**	10	\$16,200	A
Modified Bitumen	5%	Now	\$4,900	2035	**			A
<i>Blisters, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over East Stairway</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over East Stairway</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over East Stairway</i>								
Skylight, Metal/Glass	3%	Now	\$7,400	2025	\$73,800			A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Stair</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair</i>								
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	**	5	\$53,300	C
Ceramic Tile	5%			2034	**	5	\$900	C
Vinyl Tile	20%			2025	\$30,200	3	\$1,900	C
Vinyl Tile	10%			2035	**	3	\$700	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Kitchen</i>								

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

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

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

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

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

Interior

Interior Walls

Concrete Masonry Unit	75%			LIFE	**	5	\$10,100	C
Gypsum Board	20%			LIFE	**	5-10	\$5,700	C
Masonry: Brick	5%			LIFE	**	10	\$300	C

Ceilings

AcousTileSusp.Lay-In	25%			2030	**	5	\$4,700	B
Exposed Concrete	70%			LIFE	**	5-10	\$16,400	B
Metal Panel	5%			LIFE	**	5	\$2,300	B

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

Location : East Stairway

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

Under 600 Volts

Service Equipment

Fused Disc Sw	50%			2025	\$1,500	5		B
---------------	-----	--	--	------	---------	---	--	---

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

Location : Electrical Room

Explanation : Main Service Switch Rated @ 3000 Amperes

Fused Disc Sw	50%			2045	**	5		B
---------------	-----	--	--	------	----	---	--	---

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

Location : Electrical Room

Explanation : Main Service Switch Rated @ 3000 Amperes

Transformers

Dry Type	100%			2038	**	5		B
----------	------	--	--	------	----	---	--	---

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

Location : Electrical Room

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

Switchgear / Switchboard

Fused Disc Sw	100%			2045	**	5	\$100	B
---------------	------	--	--	------	----	---	-------	---

Raceway

Conduit	80%			2025	\$17,600	1		B
Conduit	20%			2045	**	1		B

Panelboards

Molded Case Bkrs	80%			2024	\$23,100	5	\$300	B
Molded Case Bkrs	20%			2041	**	5	\$100	B

Wiring

Thermoplastic	80%			2025	\$12,300	1		B
Thermoplastic	20%			2045	**	1		B

Motor Controllers

Locally Mounted	70%			2023	\$2,700	5	\$100	B
Locally Mounted	30%			2038	**	5		B

Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$400	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
EMS BUILDING BATTALION 4
Asset # : 2405

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Transfer Switches								
Automatic	100%			2038	* *	1	\$3,800	B
Generators								
Diesel	100%			2034	* *	1	\$4,800	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside The Building</i>						
		<i>Explanation : Emergency Generator Rated @ 80 Kva</i>						
Batteries								
Lead/Acid	100%			2019	\$600	5	\$500	B
Fuel Storage								
Main Tank	100%			2053	* *	5	\$400	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : 75 Gallons Capacity</i>						
Lighting								
Interior Lighting								
Fluorescent	95%			2030	* *	10	\$10,900	B
		<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
HID	5%			2025	\$100	10		B
Egress Lighting								
Emergency, Battery	50%			2030	* *	10	\$1,500	B
Exit, Service	50%			2030	* *	1		B
Exterior Lighting								
HID	100%			2025	\$200	10		B
Alarm								
Security System								
No Component	90%							D
Generic	10%			2030	* *	1	\$500	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Front And Back Only</i>						
		<i>Explanation : C C T V Surveillance Cameras</i>						
Fire/Smoke Detection								
No Component	70%							D
Generic, Digital	30%			2030	* *			B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hallways</i>						
		<i>Explanation : Alarm Bells, Manual Pull Stations And Strobe Lights</i>						

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2035	* *	1		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
EMS BUILDING BATTALION 4
Asset # : 2405

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Conversion Equipment								
Furnace	10%			2025	\$1,500	1	\$600	B
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 1 Package Unit</i>							
Steam Boiler	90%			2042	**	1	\$11,200	B
	<i>Other Observation, Extent : Light, Area Affected : 90%</i>							
	<i>Location : 1st Floor Boiler Room</i>							
	<i>Explanation : 1 Unit</i>							
Distribution								
Steam Piping/Pump	90%			2035	**	4	\$600	B
No Component	10%							D
Terminal Devices								
Convactor/Radiator	50%			2023	\$18,900	1	\$2,000	B
Unit Heater-Stm/HW	30%			2033	**	4	\$500	B
Unit Heater-Stm/HW	10%			2020	\$900	4	\$200	B
No Component	10%							D
Air Conditioning								
Energy Source								
Electricity	100%			2033	**	1		B
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2025	\$15,700	2	\$200	B
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Roof</i>							
Window/Wall Unit	40%			2020	\$9,800	1		B
No Component	40%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : 2nd Floor Electrical Room</i>							
	<i>Explanation : There Is No Ventilation For Electrical Room</i>							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$11,100	B
Exhaust Fans								
Roof	100%			2025	\$9,400	2	\$400	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	**	1		B
Water Heater								
Gas Fired	100%			2023	\$2,800	2	\$200	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Fixtures								
Generic	100%							B

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 BUILDING BATTALION 4
Asset # : 2405

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fire Suppression Standpipe Generic	100%			2035	* *	1-5	\$6,300	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Outside Wall</i> <i>Explanation : Combination Connection</i>								
Sprinkler Generic	100%			2035	* *	1-2	\$3,500	B
Chemical System Generic	100%			2020	\$24,800	1-3	\$55,000	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.

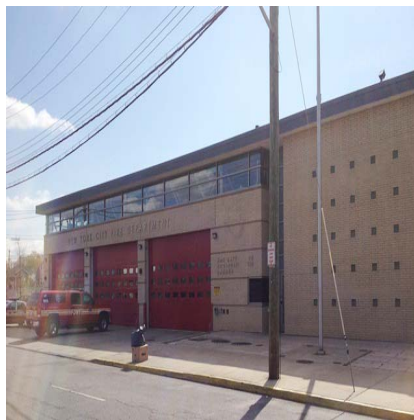
Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

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

CAPITAL		FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture		\$51,200	\$170,600
Interior Architecture		\$35,700	
Total		\$86,900	\$170,600
Priority A		\$51,200	\$170,600
Priority B		\$35,700	
Total		\$86,900	\$170,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$16,100			
Interior Architecture	\$20,900			\$1,100
Electrical	\$3,700	\$3,500	\$21,100	\$5,000
Mechanical	\$37,300	\$6,300	\$10,700	\$13,200
Total	\$78,000	\$9,800	\$31,700	\$19,300
Priority A	\$16,100			
Priority B	\$46,500	\$9,800	\$31,700	\$18,200
Priority C	\$15,400			\$1,100
Total	\$78,000	\$9,800	\$31,700	\$19,300



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

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

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	**	5	\$300	A
Masonry: Brick	83%	2-4	\$12,000	LIFE	**	5	\$21,000	A
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Perimeter</i>								
Metal Coiling Doors	15%	4+	\$4,100	2040	**	5	\$5,900	A
<i>Deformed/Dented, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	100%			2045	**	5	\$600	A
Parapets								
Metal Rail	100%			2040	**	5-10	\$53,500	A
Roof								
Modified Bitumen	100%	2-4	\$51,200	2023			\$170,600	A
<i>Alligatoring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Blisters, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	40%			LIFE	**	5	\$26,300	C
Ceramic Tile	10%	0-2	\$2,800	2036	**	5	\$1,500	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Kitchen</i>								
Sheet Vinyl/Rubber	20%			2031	**	5	\$9,000	C
Vinyl Tile	30%			2031	**	3	\$4,500	C
Interior Walls								
Cast in Place Concrete	15%			LIFE	**			C
Concrete Masonry Unit	70%	2-4	\$7,000	LIFE	**	5	\$6,600	C
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Cellar</i>								
Glass Block	5%			LIFE	**			C
Gypsum Board	10%			LIFE	**	5	\$1,400	C
Ceilings								
Exposed Concrete	30%	2-4	\$5,500	LIFE	**	5	\$1,400	B
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout Cellar Ceiling</i>								
Exposed Struc: Steel	40%			LIFE	**			B
Gypsum Board	5%			LIFE	**	5	\$1,900	B
Metal Panel	25%	0-2	\$35,700	LIFE	**	5	\$9,400	B
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Kitchen, E. M. S. And 2nd Floor Locker Room</i>								

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

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

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

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

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

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

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

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Stand-by Power								
Fuel Storage Day Tank	100%			2039	**	5	\$3,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exterior Rear Yard</i>								
<i>Explanation : Below Generator</i>								
Lighting								
Interior Lighting Fluorescent	100%			2028	**	10	\$18,400	B
<i>T-8 Lamps, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Egress Lighting Exit, LED	100%			2051	**	1		B
Exterior Lighting HID	100%			2028	**	10	\$100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exterior</i>								
<i>Explanation : Wall Packs On Buildings, Light Poles In Parking Area</i>								
Lightning Protection								
Arresters/Cabbling Generic	100%			2051	**	5	\$600	B
Alarm								
Fire/Smoke Detection Generic	100%			2028	**	1-3	\$12,800	B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source Natural Gas	100%			2049	**	1		B
Conversion Equipment Hot Water Boiler	100%			2040	**	1	\$9,900	B
Distribution Hot Wtr Piping/Pump	100%			2045	**	4	\$1,500	B
Terminal Devices								
Air Handler	30%			2031	**	1	\$3,700	B
Convactor/Radiator	30%			2040	**	1	\$2,000	B
Unit Heater-Stm/HW	20%			2028	**	4	\$600	B
Unit Heater-Stm/HW	20%	Now	\$24,600	2033	**	4	\$400	B
<i>Unit Inoperable, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Apparatus Area</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Apparatus Area</i>								
<i>Explanation : Not Functioning</i>								
Air Conditioning								
Energy Source Electricity	100%			2045	**	1		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
ENGINE CO. 168 EMS STATION 23 ROSSVILLE STATION
Asset # : 13581

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	50%			2028	**	2	\$600	B
Split Unit	5%			2023	\$4,400			B
Window/Wall Unit	5%			2021	\$2,000	1		B
No Component	40%							D
Distribution								
Ductwork/Diffusers	60%			LIFE	**	2	\$15,700	B
No Component	40%							D
Heat Rejection								
Air Condenser Unit	5%			2028	**	2	\$700	B
No Component	95%							D
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	**	2-5	\$5,600	B
No Component	50%							D
Exhaust Fans								
Roof	100%			2028	**	2	\$600	B
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2049	**	1		B
Galv Iron/Steel	30%			2040	**	1		B
Water Heater								
Gas Fired	100%			2021	\$4,400	2	\$300	B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Cellar Mechanical Room</i>					
			<i>Explanation : Two 75 Gallon Water Heaters</i>					
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
			<i>Recent Repair Evident, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2031	**	4	\$1,600	B
Backflow Preventer								
Generic	100%			2031	**	1	\$1,200	B
Fixtures								
Generic	100%							B
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Apparatus Area</i>					
			<i>Explanation : Apparatus Area Drinking Fountain Not Operating</i>					
Fire Suppression								

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

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

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fire Suppression									
Sprinkler									
	No Component	60%							D
	Generic	40%			2049	* *	1-2	\$2,300	B
<i>Other Observation, Extent : Light, Area Affected : 40%</i>									
<i>Location : Cellar</i>									
<i>Explanation : Cellar Fully Sprinkled</i>									
Chemical System									
	Wet	100%			2022	\$27,000	1-3	\$63,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Kitchen</i>									
<i>Explanation : Over Range</i>									

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

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

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

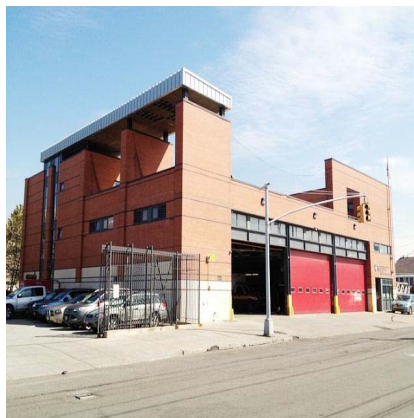
Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

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

CAPITAL		FY 2016 - 2019	FY 2020 - 2025
Interior Architecture			\$44,200
Electrical			\$49,600
Total			\$93,800
Priority B			\$49,600
Priority C			\$44,200
Total			\$93,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture		\$26,300		\$28,400
Interior Architecture		\$4,700	\$1,300	
Electrical	\$1,300	\$2,300	\$1,300	\$1,600
Mechanical	\$1,800	\$2,400	\$2,600	\$2,200
Elevators/Escalators	\$1,600			
Total	\$4,600	\$35,700	\$5,200	\$32,200
Priority A		\$26,300		\$28,400
Priority B	\$3,000	\$8,700	\$3,900	\$3,800
Priority C	\$1,600	\$700	\$1,300	
Total	\$4,600	\$35,700	\$5,200	\$32,200



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

Architecture	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Exterior								
Exterior Walls								
Concrete Masonry Unit	25%			LIFE	**	5	\$6,900	A
Exposed Struc: Steel	5%			LIFE	**	5	\$6,900	A
Masonry: Brick	55%			LIFE	**	5	\$24,300	A
Metal Sect. OHD	10%			2037	**	5	\$13,800	A
Window Wall	5%			2044	**	5	\$8,300	A
Windows								
Aluminum	95%			2040	**	5	\$2,900	A
Metal Louvers	5%			2033	**	10	\$1,000	A
Parapets								
Concrete Masonry Unit	25%			LIFE	**	5	\$1,200	A
Masonry: Brick	60%			LIFE	**	5	\$2,600	A
Metal Panel	5%			2044	**	5	\$900	A
Metal Rail	10%			2037	**	5-10	\$8,000	A
Roof								
Metal Panel	25%			2037	**	10	\$14,600	A
Modified Bitumen	50%			2029	**	10	\$15,900	A
Modified Bitumen	25%			2029	**	10	\$7,900	A
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Over Second Floor</i>								
<i>Explanation : Concrete Pavers</i>								
Interior								
Floors								
Cast in Place Concrete	75%			LIFE	**	5	\$44,200	C
Ceramic Tile	5%			2033	**	5	\$1,300	C
Vinyl Tile	20%			2029	**	3	\$2,000	C
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$1,200	C
Concrete Masonry Unit	40%			LIFE	**	5	\$4,000	C
Gypsum Board	45%			LIFE	**	5	\$6,700	C
Masonry: Brick	5%			LIFE	**			C
Wood	5%			LIFE	**	5	\$5,000	C
Ceilings								
AcousTileSusp.Lay-In	30%			2037	**	5	\$8,100	B
Exposed Struc: Steel	60%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$3,400	B
Site Enclosure								
Fence/Gates								
Chain link	50%			2044	**			C
Iron Picket	50%			2059	**			C
Free Standing Walls								
Concrete Masonry Unit	100%	Now	\$1,600	2044	**			C
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Masonry Free Standing Wall</i>								
<i>Explanation : Decorative Steel Detailing Above Needs Re - Anchoring</i>								
Site Pavements								

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Site Pavements								
Parking/Driveway								
Asphalt	80%			2033	**			C
Cast in Place Concrete	20%			2037	**			C
<hr/>								
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 400 Amperes</i>								
<hr/>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2044	**	5	\$100	B
<hr/>								
Raceway								
Conduit	100%			2044	**	1		B
<hr/>								
Panelboards								
Molded Case Bkrs	100%			2040	**	5	\$500	B
<hr/>								
Wiring								
Thermoplastic	100%			2044	**	1		B
<hr/>								
Motor Controllers								
Locally Mounted	100%			2037	**	5	\$100	B
<hr/>								
Ground								
Grounding Devices								
Not Accessible	100%							D
<hr/>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	**	1	\$5,500	B
<hr/>								
Generators								
Diesel	100%			2027	**	1	\$7,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : Emergency Generator No Available Nameplate Ratings</i>								
<hr/>								
Batteries								
Lead/Acid	100%			2017	\$600	5	\$700	B
<hr/>								
Fuel Storage								
Main Tank	100%			2039	**	5	\$500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : No Nameplate Rating Capacity</i>								
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	100%			2024	\$49,600	10	\$16,500	B
<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

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

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

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

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

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

Lighting

Egress Lighting								
Emergency, Service	50%			2024	\$1,200	1		B
Exit, LED	50%			2039	**	1		B
Exterior Lighting								
HID	100%			2024	\$200	10	\$100	B

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

Heating

Energy Source								
Natural Gas	100%			2044	**	1		B
Conversion Equipment								
Furnace	40%			2029	**	1	\$3,600	B
			<i>Other Observation, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : 6 Roof Top Package Units</i>					
Hot Water Boiler	60%			2037	**	1	\$5,300	B
			<i>Other Observation, Extent : Light, Area Affected : 60%</i>					
			<i>Location : 1st Floor Boiler Room</i>					
			<i>Explanation : 1 Unit</i>					
Distribution								
Hot Wtr Piping/Pump	60%			2040	**	4	\$800	B
No Component	40%							D
Terminal Devices								
Air Handler	20%			2029	**	1	\$2,200	B
Convactor/Radiator	10%			2037	**	1	\$600	B
Unit Heater-Stm/HW	30%			2029	**	4	\$700	B
No Component	40%							D

Air Conditioning

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

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

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

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

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

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

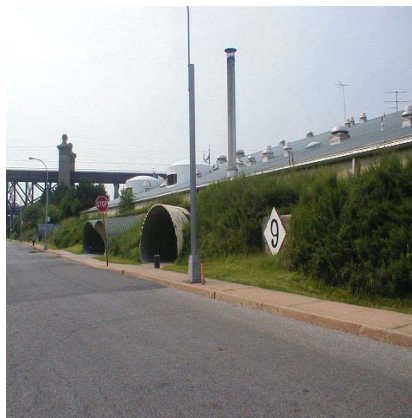
Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : FIRE ACADEMY ADMINISTRATION BLDG #9
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.080 / 131 **Yr Built/Renovated** : 1975 / 2013
Area Sq Ft : 40,432 **Project Type** : FIRE DEPARTMENT
Date of Survey : 18-Jul-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,M
Block : 1819 **Lot** : 40 **BIN** :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$2,275,400	\$278,100
Interior Architecture	\$127,800	
Electrical	\$600,100	\$294,100
Total	\$3,003,300	\$572,200
Priority A	\$2,275,400	\$278,100
Priority B	\$600,100	\$294,100
Priority C	\$127,800	
Total	\$3,003,300	\$572,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture				
Interior Architecture	\$80,800	\$4,600	\$600	\$6,900
Electrical	\$2,100	\$5,700	\$9,200	\$58,700
Mechanical	\$17,200	\$9,400	\$19,400	\$21,000
Total	\$100,200	\$19,600	\$29,200	\$86,600
Priority A				
Priority B	\$26,900	\$15,100	\$28,600	\$79,700
Priority C	\$73,300	\$4,600	\$600	\$6,900
Total	\$100,200	\$19,600	\$29,200	\$86,600



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

FIRE DEPARTMENT - 057
FIRE ACADEMY ADMINISTRATION BLDG #9
Asset # : 131

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	30%	Now	\$158,600	LIFE	**	5	\$148,300	A
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 0%</i>								
<i>Location : At Junction Of Metal Tunnel And Concrete At Auditorium Exit</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Auditorium Exit</i>								
Metal/Glass Curt Wall	20%	Now	\$594,900	LIFE	**	5	\$37,100	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
Metal Panel	50%	Now	\$168,500	2034	**	5	\$92,700	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Along Wall Base</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Along Wall Base</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Corridor Adjacent To Wall</i>								
Windows								
Aluminum	100%	Now	\$666,300	2049	**	5	\$8,400	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Roof								
Metal Panel	100%	Now	\$687,200	2029	**			A
<i>Corrosion/Rusting, Extent : Light, Area Affected : 50%</i>								
<i>Location : At Corridor Adjacent To Wall</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Along First Floor Corridor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Along First Floor Corridor</i>								
Interior								

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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	15%	0-2	\$41,100	2023	\$102,700	3	\$12,700	C
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	13%	Now	\$3,600	LIFE	**	5	\$16,100	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Slab Settlement At Front Entrance</i>								
Ceramic Tile	2%			2033	**	5	\$1,100	C
Vinyl Tile	50%			2029	**	3	\$10,600	C
Vinyl Tile	15%			2032	**	3	\$3,200	C
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wood	5%			2059	**	5	\$5,300	C
Interior Walls								
Cast in Place Concrete	5%	Now	\$43,600	LIFE	**			C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 3%</i>								
<i>Location : First Floor</i>								
Ceramic Tile	5%	2-4	\$19,000	2033	**	5	\$1,800	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Concrete Masonry Unit	55%	2-4	\$84,200	LIFE	**	5	\$16,000	C
<i>Diagonal Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Gypsum Board	25%	2-4	\$7,100	LIFE	**	5	\$10,900	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	5%			LIFE	**			C
Metal Panel	5%	2-4	\$2,400	LIFE	**			C
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileConcealSpLn	5%	2-4	\$2,200	2029	**	5	\$1,800	B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
AcousTileSusp.Lay-In	25%	2-4	\$5,400	2037	**	5	\$7,100	B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Steel	70%			LIFE	**			B
<i>Corrosion/Rusting, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : First Floor Corridor</i>								

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

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

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2024	\$20,400	5	\$100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 4000 Amps And One 1200 Amps Main Disconnect Switch</i>						
Fused Disc Sw	30%			2034	**	5	\$100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 1200 Amps Main Disconnect Switch For Emergency</i>						
Transformers								
Dry Type	100%			2029	**	5	\$100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 112.5 Kva 220v Primary - 480/277v Secondary</i>						
Switchgear / Switchboard								
Fused Disc Sw	75%			2024	\$68,100	5	\$100	B
Fused Disc Sw	20%			2034	**	5		B
Molded Case Bkrs	5%			2054	**	5	\$100	B
Raceway								
Conduit	85%			2024	\$51,700	1		B
Conduit	10%			2034	**	1		B
Conduit	5%			2054	**	1		B
Panelboards								
Fused Disc Sw	10%			2023	\$6,900	5	\$100	B
Molded Case Bkrs	85%			2023	\$58,500	5	\$900	B
Molded Case Bkrs	5%			2049	**	5	\$100	B
Wiring								
Thermoplastic	10%			2034	**	1		B
Thermoplastic	85%			2024	\$52,600	1		B
Thermoplastic	5%			2054	**	1		B
Motor Controllers								
Locally Mounted	10%			2029	**	5		B
Motor Control Center	90%			2022	\$63,200	5	\$1,000	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$600	B
Stand-by Power								
Transfer Switches								
Automatic	50%			2022	\$5,300	1	\$6,200	B
Under Construction	50%							D
Generators								
Diesel	50%			2020	\$34,400	1	\$7,800	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : One 281 Kva</i>						
Under Construction	50%							D

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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY ADMINISTRATION BLDG #9
Asset # : 131

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Batteries								
Lead/Acid	50%			2016	\$300	5	\$700	B
Under Construction	50%							D
Fuel Storage								
Day Tank	100%			2023	\$2,600	5	\$7,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Underground</i>								
<i>Explanation : One 2500 Gals</i>								
Lighting								
Interior Lighting								
Fluorescent	15%			2029	**	10	\$5,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-5 Lamps</i>								
Fluorescent	55%			2019	\$87,200	10	\$19,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	30%			2029	**	10	\$10,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Egress Lighting								
Emergency, Service	35%			2019	\$1,800	1		B
Emergency, Service	30%			2029	**	1		B
Exit, Service	35%			2019	\$1,800	1		B
Exterior Lighting								
HID	100%			2019	\$14,000	10	\$100	B
Alarm								
Security System								
Generic	100%	Now	\$115,900	2034	**	1	\$13,600	B
<i>Devices Damaged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fire/Smoke Detection								
Generic	100%	Now	\$396,900	2034	**	1-3	\$22,700	B
<i>Devices Damaged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	**	5	\$11,700	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
FIRE ACADEMY ADMINISTRATION BLDG #9
Asset # : 131

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2041	**	1	\$18,700	B
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : 2 Units</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2032	**	4	\$2,800	B
Terminal Devices								
Air Handler	70%			2032	**	1	\$16,400	B
Convactor/Radiator	30%			2029	**	1	\$3,700	B
Air Conditioning								
Energy Source								
Electricity	100%			2032	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2032	**	1	\$17,500	B
		<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Court Yard</i>						
Distribution								
Chilled Wtr Pipe/Pump	100%			2050	**	4	\$1,900	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2032	**	1	\$23,400	B
Heat Rejection								
Air Condenser Unit	100%			2032	**	2	\$26,300	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$21,100	B
Exhaust Fans								
Roof	100%			2024	\$28,500	2	\$1,200	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	**	1		B
Water Heater								
Electric	100%			2023	\$5,600	4	\$200	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Fixtures								
Generic	100%							B
Fire Suppression								
Standpipe								
Generic	100%			2034	**	1-5	\$19,800	B
Sprinkler								
Generic	100%			2034	**	1-2	\$10,600	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
FIRE ACADEMY ADMINISTRATION BLDG #9
Asset # : 131

Print Date : 24-Oct-2014 **FIRE DEPARTMENT - FY 2015**

Asset Name	: FIRE ACADEMY BURN BUILDING #5		
Address	: RANDALLS ISLAND		
Borough	: MANHATTAN	Agency's Number	: N/A
Program / Asset #	: FIR0003.013 / 13554	Yr Built/Renovated	: 2003 /
Area Sq Ft	: 6,083	Project Type	: FIRE DEPARTMENT
Date of Survey	: 22-Jul-2013	Landmark Status	: NONE
Areas Surveyed	: Roof, Floors 1,2		
Block	: 1819	Lot	: 40
		BIN	: 1085912

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture				\$8,400
Interior Architecture				
Electrical		\$100		
Mechanical		\$100		\$100
Total		\$100		\$8,500
Priority A				\$8,400
Priority B		\$100		\$100
Priority C				
Total		\$100		\$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
FIRE ACADEMY BURN BUILDING #5
Asset # : 13554

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$4,100	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 2 Story Bldg, No Basement</i>								
Masonry: Brick	95%			LIFE	**	5	\$15,400	A
Windows								
Aluminum	50%			2040	**	5	\$200	A
Metal Louvers	50%			2033	**	10	\$1,500	A
Parapets								
Not Accessible	100%							D
Roof								
Modified Bitumen	100%			2029	**	10	\$8,400	A
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	**	5	\$19,900	C
Interior Walls								
Cast in Place Concrete	20%			LIFE	**			C
Concrete Masonry Unit	80%			LIFE	**	5	\$2,500	C
Ceilings								
Exposed Concrete	100%			LIFE	**	5	\$1,400	B
Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Raceway								
Conduit	100%			2034	**	1		B
Panelboards								
Molded Case Bkrs	100%			2032	**	5	\$200	B
Wiring								
Thermoplastic	100%			2034	**	1		B
Motor Controllers								
Locally Mounted	100%			2029	**	5		B
Lighting								
Interior Lighting								
Fluorescent	100%			2024	\$11,200	10	\$5,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using Compact Fluorescent Lamps</i>								
Exterior Lighting								
HID	100%			2024	\$300	10		B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

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

Estimates are rounded to the nearest hundred dollars.

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY BURN BUILDING #5
Asset # : 13554

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Ventilation							
Exhaust Fans							
Roof	100%			2029	* *	2	\$200 B
Plumbing							
H/C Water Piping							
Galv Iron/Steel	10%			2037	* *	1	B
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
		<i>Location : 1st & 2nd Floors</i>					
		<i>Explanation : Standpipe Only</i>					
No Component	90%						D
Fire Suppression							
Standpipe							
No Component	90%						D
Generic	10%			2044	* *	1-5	\$300 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.

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : FIRE ACADEMY CLASSROOM BLDG. #11
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.011 / 13552 **Yr Built/Renovated** : 2003 /
Area Sq Ft : 39,768 **Project Type** : FIRE DEPARTMENT
Date of Survey : 22-Jul-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,3,4
Block : 1819 **Lot** : 40 **BIN** : 1085910

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$46,000	\$157,900
Electrical	\$36,500	
Mechanical		\$139,200
Total	\$82,500	\$297,000
Priority A	\$46,000	\$157,900
Priority B	\$36,500	\$139,200
Total	\$82,500	\$297,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture		\$4,300		\$49,400
Interior Architecture		\$17,900	\$1,500	
Electrical	\$4,200	\$5,100	\$4,200	\$6,800
Mechanical	\$8,900	\$5,300	\$9,700	\$23,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$17,000	\$36,500	\$19,400	\$83,300
Priority A		\$4,300		\$49,400
Priority B	\$17,000	\$24,700	\$17,900	\$33,900
Priority C		\$7,400	\$1,500	
Total	\$17,000	\$36,500	\$19,400	\$83,300



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 CLASSROOM BLDG. #11
Asset # : 13552

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	**	5	\$35,100	A
Metal Panel	35%			2044	**	5-10	\$168,800	A
Window Wall	15%			2044	**	5	\$39,500	A
Windows								
Aluminum	100%			2040	**	5	\$13,300	A
Parapets								
Concrete Masonry Unit	95%			LIFE	**	5	\$8,400	A
Metal Rail	5%			2037	**	5-10	\$7,100	A
Roof								
IRMA/Protected Membrane	100%			2029	**	10	\$29,700	A
Interior								
Floors								
Carpet	5%			2023	\$36,000	3	\$4,500	C
Cast in Place Concrete	10%			LIFE	**	5	\$13,000	C
Ceramic Tile	5%			2033	**	5	\$3,000	C
Vinyl Tile	80%			2029	**	3	\$17,900	C
Interior Walls								
Concrete Masonry Unit	45%			LIFE	**	5	\$5,800	C
Gypsum Board	35%			LIFE	**	5	\$6,800	C
Masonry: Brick	13%			LIFE	**			C
Metal Panel	7%			LIFE	**			C
Ceilings								
AcousTileSusp.Lay-In	35%			2037	**	5	\$20,900	B
Exposed Struc: Steel	50%			LIFE	**			B
Metal Panel	15%			LIFE	**	5	\$11,200	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2044	**	5	\$1,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	**	5	\$1,000	B
Raceway								
Conduit	100%			2044	**	1		B
Panelboards								
Fused Disc Sw	10%			2040	**	5	\$100	B
Molded Case Bkrs	90%			2040	**	5	\$900	B
Wiring								
Thermoplastic	100%			2044	**	1		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
FIRE ACADEMY CLASSROOM BLDG. #11
Asset # : 13552

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2037	**	5	\$300	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$600	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	**	1	\$12,200	B
Lighting								
Interior Lighting								
Fluorescent	80%			2029	**	10	\$29,200	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	20%			2029	**	10	\$7,300	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-5 Lamps</i>						
Egress Lighting								
Emergency, Service	50%			2029	**	1		B
Emergency, Battery	15%			2029	**	10	\$1,400	B
Exit, LED	35%			2052	**	1		B
Exterior Lighting								
HID	100%			2029	**	10	\$100	B
Alarm								
Security System								
No Component	50%							D
Generic	50%			2029	**	1	\$7,400	B
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$24,500	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2044	**	5	\$12,300	B
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$19,700	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : 2 Units - Also Serviing Adjacent Building #12 As Well.</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2040	**	4	\$2,900	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
FIRE ACADEMY CLASSROOM BLDG. #11
Asset # : 13552

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Terminal Devices								
Air Handler	80%			2029	**	1	\$19,700	B
Convactor/Radiator	20%			2037	**	1	\$2,600	B
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	80%			2024	\$139,200	2	\$2,000	B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : 2 Units</i>					
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$22,200	B
Exhaust Fans								
Roof	100%	Now	\$1,500	2024	\$30,000	2	\$1,000	B
			<i>Noisy/Vibrating, Extent : Severe, Area Affected : 60%</i>					
			<i>Location : Roof</i>					
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	**	1		B
Water Heater								
Oil Fired	100%			2019	\$11,700	1	\$1,200	B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Boiler Room</i>					
			<i>Explanation : Two 250 Gallon Tanks</i>					
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2029	**	1	\$2,400	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	**			C
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1-4</i>					
			<i>Explanation : One Unit</i>					
Fire Suppression								
Sprinkler								
Generic	100%			2044	**	1-2	\$11,100	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.

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : FIRE ACADEMY FIRE TRAINING BLDG #3
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.020 / 1989 **Yr Built/Renovated** : 1975 /
Area Sq Ft : 4,150 **Project Type** : FIRE DEPARTMENT
Date of Survey : 22-Jul-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 1819 **Lot** : 40 **BIN** :

CAPITAL

Total
 Priority
Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$58,100			
Interior Architecture	\$42,100			
Electrical			\$100	\$200
Mechanical				\$100
Total	\$100,300		\$100	\$300
Priority A	\$58,100			
Priority B	\$28,200		\$100	\$300
Priority C	\$14,000			
Total	\$100,300		\$100	\$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 FIRE TRAINING BLDG #3
Asset # : 1989

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	90%	0-2	\$9,700	LIFE	**	5	\$3,400	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Penthouse</i>								
Metal Coiling Doors	10%	4+	\$2,000	2037	**	5	\$600	A
<i>Deformed/Dented, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	100%	Now	\$18,900	2049	**	5	\$200	A
<i>Bent/Warped Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	\$300	LIFE	**	5	\$300	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	90%	0-2	\$1,100	LIFE	**	5	\$400	A
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Roof								
Skylight, Metal/Glass	3%	0-2	\$3,400	2044	**			A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Traffic Topping	97%	Now	\$22,700	2034	**			A
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Main Roof</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor</i>								
Interior								
Floors								
Cast in Place Concrete	100%	2-4	\$6,400	LIFE	**	5	\$14,100	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Concrete Masonry Unit	100%	4+	\$7,600	LIFE	**	5	\$2,900	C
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stairs</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Stairs</i>								
<i>Explanation : Deteriorated Finsh</i>								

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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY FIRE TRAINING BLDG #3
Asset # : 1989

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

Interior

Ceilings

Exposed Concrete

100%

2-4

\$28,200

LIFE

* *

5

\$700

B

*Water Penetration, Extent : Moderate, Area Affected : 10%**Location : Second Floor*

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

Under 600 Volts

Raceway

Conduit

100%

2034

* *

1

B

Panelboards

Molded Case Bkrs

100%

2023

\$11,500

5

\$100

B

Wiring

Thermoplastic

100%

2024

\$15,400

1

B

Lighting

Exterior Lighting

HID

100%

2019

\$200

10

B

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

Plumbing

H/C Water Piping

Galv Iron/Steel

10%

2029

* *

1

B

*Other Observation, Extent : Light, Area Affected : 10%**Location : 2 Floors**Explanation : For Demonstration - Standpipe Only*

No Component

90%

D

Storm Drain Piping

Cast Iron

100%

LIFE

* *

1

B

*Other Observation, Extent : Light, Area Affected : 10%**Location : 1, 2, Roof**Explanation : Roof Drains Only*

Fire Suppression

Standpipe

No Component

90%

D

Generic

10%

2034

* *

1-5

\$200

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.

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.070 / 1992 **Yr Built/Renovated** : 1975 / 2008
Area Sq Ft : 9,594 **Project Type** : FIRE DEPARTMENT
Date of Survey : 19-Jul-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 1819 **Lot** : 40 **BIN** :

CAPITAL		FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture		\$44,800	
Interior Architecture		\$49,100	
Total		\$93,900	
Priority A		\$44,800	
Priority B		\$49,100	
Total		\$93,900	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$27,100			
Interior Architecture	\$145,100			\$4,000
Electrical	\$300	\$300	\$400	\$24,500
Mechanical	\$5,400	\$900	\$1,700	\$18,000
Total	\$177,900	\$1,200	\$2,100	\$46,500
Priority A	\$27,100			
Priority B	\$16,400	\$1,200	\$2,100	\$42,400
Priority C	\$134,400			\$4,000
Total	\$177,900	\$1,200	\$2,100	\$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
FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8
Asset # : 1992

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	90%	2-4	\$44,800	LIFE	**	5	\$7,800	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wood Overhead Doors	10%	Now	\$7,800	2037	**	5	\$2,200	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade</i>								
Windows								
Aluminum	100%	2-4	\$8,800	2040	**	5	\$600	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	95%	2-4	\$5,200	LIFE	**	5	\$1,000	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	5%	2-4	\$100	LIFE	**	5	\$300	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Modified Bitumen	100%	Now	\$5,200	2032	**			A
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Carpet	50%	Now	\$90,400	2026	**	3	\$11,200	C
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	30%	2-4	\$4,400	LIFE	**	5	\$9,800	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%	2-4	\$1,400	2033	**	5	\$400	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	15%	Now	\$1,800	2029	**	3	\$800	C
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8
Asset # : 1992

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Interior									
Interior Walls									
Ceramic Tile	5%	2-4	\$2,200	2033	**	5	\$400	C	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
Concrete Masonry Unit	60%	2-4	\$21,100	LIFE	**	5	\$4,000	C	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
Gypsum Board	15%	2-4	\$1,000	LIFE	**	5	\$1,500	C	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
SGFT/Glazed Masonry	20%	2-4	\$12,200	LIFE	**			C	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
Ceilings									
AcousTileSusp.Lay-In	60%	2-4	\$49,100	2044	**	5	\$3,200	B	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Meter Room</i>									
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Room 1</i>									
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Room 1</i>									
Exposed Struc: Steel	25%	4+	\$10,700	LIFE	**			B	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
Gypsum Board	15%			LIFE	**	5	\$2,000	B	
Electrical									
System Component Type		% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts									
Service Equipment									
Fused Disc Sw	100%			2024	\$1,000	5			B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : Two 400 Amps Main Disconnect Switch</i>									
Switchgear / Switchboard									
Fused Disc Sw	100%			2024	\$20,200	5			B
Raceway									
Conduit	100%			2024	\$22,000	1			B
Panelboards									
Fused Disc Sw	10%			2023	\$1,100	5			B
Molded Case Bkrs	90%			2023	\$10,300	5	\$200		B
Wiring									
Thermoplastic	100%			2024	\$15,400	1			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
FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8
Asset # : 1992

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2022	\$4,300	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2022	\$11,000	1	\$3,000	B
Lighting								
Interior Lighting								
Fluorescent	85%			2019	\$15,700	10	\$7,800	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	10%			2024	\$1,800	10	\$900	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Garage</i>						
		<i>Explanation : Using T-8 Lamps</i>						
HID	5%			2024	\$300	10		B
Egress Lighting								
Emergency, Service	50%			2019	\$700	1		B
No Component	50%							D
Exterior Lighting								
Not Accessible	100%							D

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	* *	5	\$3,100	B
Conversion Equipment								
Hot Water Boiler	100%			2029	* *	1	\$4,900	B
		<i>Boiler Used For Hot Water, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2032	* *	4	\$700	B
Terminal Devices								
Air Handler	20%			2024	\$10,200	1	\$1,200	B
Convactor/Radiator	70%			2029	* *	1	\$2,300	B
Unit Heater-Stm/HW	10%			2024	\$6,100	4	\$100	B

Air Conditioning

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

Estimates are rounded to the nearest hundred dollars.

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8
Asset # : 1992

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		B
Conversion Equipment								
Window/Wall Unit	80%			2019	\$15,600	1		B
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,600	B
Exhaust Fans								
Roof	20%			2024	\$1,500	2	\$100	B
No Component	80%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sewage Ejector(s)								
Electric	100%	Now	\$4,200	2029	* *	4	\$1,600	B
<i>Broken, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Sewer Ejectors Located In Pit Adjacent To Building, One Pump Out Of Service And Another Has Float Problem</i>								
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
No Component	85%							D
Generic	15%			2034	* *	1-2	\$400	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.

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : FIRE ACADEMY MASK SERVICE UNIT BLDG #7
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.060 / 1991 **Yr Built/Renovated** : 1975 / 2004
Area Sq Ft : 10,534 **Project Type** : FIRE DEPARTMENT
Date of Survey : 19-Jul-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 1819 **Lot** : 40 **BIN** :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Interior Architecture		\$39,600
Mechanical	\$108,800	
Total	\$108,800	\$39,600
Priority B	\$108,800	
Priority C		\$39,600
Total	\$108,800	\$39,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$2,400	\$2,700		\$10,300
Interior Architecture	\$28,100	\$600	\$400	\$600
Electrical	\$300	\$500	\$300	\$4,000
Mechanical	\$2,300	\$1,000	\$2,000	\$11,200
Total	\$33,200	\$4,700	\$2,700	\$26,200
Priority A	\$2,400	\$2,700		\$10,300
Priority B	\$5,300	\$1,400	\$2,300	\$15,300
Priority C	\$25,500	\$600	\$400	\$600
Total	\$33,200	\$4,700	\$2,700	\$26,200



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 MASK SERVICE UNIT BLDG #7
Asset # : 1991

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	**	5	\$7,200	A
Masonry: Brick	7%			LIFE	**	5	\$700	A
Metal Coiling Doors	15%			2037	**	5	\$4,500	A
Metal Coiling Doors	3%			2037	**	5	\$900	A
Windows								
Aluminum	80%			2040	**	5	\$1,000	A
Aluminum	20%	2-4	\$1,900	2040	**	5	\$100	A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	80%			LIFE	**	5	\$900	A
Masonry: Brick	8%	2-4	\$500	LIFE	**	5	\$100	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	10%			LIFE	**	5	\$700	A
Pre-Cast Concrete	2%			LIFE	**	5	\$100	A
Roof								
Built-Up (BUR)	30%			2029	**	10	\$3,100	A
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over Small Section On New Additon</i>								
<i>Explanation : Wood Deck</i>								
Modified Bitumen	70%			2029	**	10	\$7,200	A
Interior								
Floors								
Cast in Place Concrete	50%	2-4	\$8,100	LIFE	**	5	\$17,900	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	10%			LIFE	**	5	\$3,600	C
Ceramic Tile	5%			2033	**	5	\$800	C
Quarry Tile	5%			2037	**	5	\$1,200	C
Vinyl Tile	30%	2-4	\$4,000	2024	\$39,600	3	\$1,800	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Concrete Masonry Unit	35%			LIFE	**	5	\$2,600	C
Concrete Masonry Unit	10%			LIFE	**	5	\$700	C
Gypsum Board	15%			LIFE	**	5	\$1,600	C
SGFT/Glazed Masonry	40%	Now	\$13,400	LIFE	**			C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Garage</i>								

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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY MASK SERVICE UNIT BLDG #7
Asset # : 1991

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%			2041	**	5	\$3,500	B
AcousTileSusp.Lay-In	10%	2-4	\$900	2037	**	5	\$600	B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Steel	40%			LIFE	**			B
Exposed Struc: Steel	10%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$1,500	B
Electrical								
Current Repair		Future Replacement		Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2034	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 400 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2034	**	5	\$300	B
Raceway								
Conduit	100%			2034	**	1		B
Panelboards								
Fused Disc Sw	10%			2032	**	5		B
Molded Case Bkrs	90%			2032	**	5	\$300	B
Wiring								
Thermoplastic	100%			2034	**	1		B
Motor Controllers								
Locally Mounted	100%			2029	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	**	1	\$3,200	B
Lighting								
Interior Lighting								
Fluorescent	5%			2029	**	10	\$500	B
<i>T-5 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Stairway Lobby</i>								
Fluorescent	65%			2024	\$13,200	10	\$6,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	30%			2029	**	10	\$3,000	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
FIRE ACADEMY MASK SERVICE UNIT BLDG #7
Asset # : 1991

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Egress Lighting								
Emergency, Service	40%			2024	\$600	1		B
Emergency, Battery	20%			2024	\$800	10	\$500	B
Exit, Service	40%			2024	\$600	1		B
Exterior Lighting								
HID	100%			2024	\$500	10		B
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	**	5	\$3,400	B
Conversion Equipment								
Hot Water Boiler	100%			2029	**	1	\$5,400	B
			<i>Boiler Used For Hot Water, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Boiler Room</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Boiler Room</i>					
			<i>Explanation : 1 Unit</i>					
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$1,000	2032	**	4	\$500	B
			<i>Not in Service, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Circulation Pump</i>					
Terminal Devices								
Convactor/Radiator	30%			2022	\$29,400	1	\$1,100	B
Fan Coil Unit/Heat	70%			2019	\$108,800	1	\$2,500	B
Air Conditioning								
Energy Source								
Electricity	100%			2032	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	20%	Now	\$200	2024	\$9,600	2	\$100	B
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Roof</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : Insulation Deteriorating</i>					
Split Unit	10%			2024	\$4,800			B
Window/Wall Unit	40%			2019	\$8,500	1		B
No Component	30%							D
Terminal Devices								
Fan Coil - Cooling	10%			2024	\$5,600	1	\$400	B
No Component	90%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,100	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
FIRE ACADEMY MASK SERVICE UNIT BLDG #7
Asset # : 1991

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Exhaust Fans								
Roof	100%			2024	\$8,300	2	\$300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
No Component	75%							D
Generic	25%			2034	* *	1-2	\$800	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.*

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.014 / 13719 **Yr Built/Renovated** : 2005 /
Area Sq Ft : 5,753 **Project Type** : FIRE DEPARTMENT
Date of Survey : 19-Jul-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 1819 **Lot** : 40 **BIN** :

CAPITAL

Total
 Priority
Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture		\$2,400		\$16,100
Interior Architecture		\$500		
Electrical	\$300	\$200	\$200	\$200
Mechanical	\$600	\$600	\$900	\$1,400
Total	\$900	\$3,700	\$1,100	\$17,700
Priority A		\$2,400		\$16,100
Priority B	\$900	\$1,200	\$1,100	\$1,600
Priority C		\$100		
Total	\$900	\$3,700	\$1,100	\$17,700



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 SUBWAY SIMULATOR, BLDG. 14
Asset # : 13719

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$3,800	A
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Side</i>								
<i>Explanation : Stairway To Roof</i>								
Concrete Masonry Unit	85%			LIFE	**	5	\$8,100	A
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	10%			2037	**	5	\$4,800	A
Windows								
Metal Louvers	100%			2033	**	10	\$2,500	A
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$2,300	A
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Top Of Parapet</i>								
<i>Explanation : Coping</i>								
Concrete Masonry Unit	90%			LIFE	**	5	\$3,000	A
Roof								
Built-Up (BUR)	80%			2029	**	10	\$12,900	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stone Ballast</i>								
Built-Up (BUR)	20%			2029	**	10	\$3,200	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Pavers</i>								
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	**	5	\$17,000	C
Vinyl Tile	10%			2029	**	3	\$300	C
Interior Walls								
Concrete Masonry Unit	92%			LIFE	**	5	\$2,400	C
Concrete Masonry Unit	8%			LIFE	**	5	\$200	C
<i>Other Observation, Extent : Moderate, Area Affected : 8%</i>								
<i>Location : At Train Platform</i>								
<i>Explanation : 6" X 6" Units</i>								
Ceilings								
AcousTileSusp.Lay-In	10%			2037	**	5	\$900	B
Exposed Struc: Steel	90%			LIFE	**			B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2050	**	5	\$200	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
FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14
Asset # : 13719

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2050	**	1		B
Panelboards								
Fused Disc Sw	5%			2046	**	5		B
Molded Case Bkrs	95%			2046	**	5	\$100	B
Wiring								
Thermoplastic	100%			2050	**	1		B
Motor Controllers								
Locally Mounted	100%			2041	**	5		B
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	**	1	\$1,800	B
Lighting								
Interior Lighting								
Fluorescent	95%			2032	**	10	\$5,000	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	5%			2032	**	10	\$300	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hallways</i>						
		<i>Explanation : T-5 Lamps</i>						
Egress Lighting								
Emergency, Service	50%			2032	**	1		B
Emergency, Battery	10%			2032	**	10	\$100	B
Exit, Service	40%			2032	**	1		B
Exterior Lighting								
HID	100%			2032	**	10		B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2044	**	5	\$1,800	B
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$2,800	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Boiler Room</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2040	**	4	\$400	B
Terminal Devices								
Air Handler	40%			2029	**	1	\$1,400	B
Convactor/Radiator	20%			2037	**	1	\$400	B
Unit Heater-Stm/HW	40%			2029	**	4	\$300	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
FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14
Asset # : 13719

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Energy Source							
Electricity	100%			2046	* *	1	
Conversion Equipment							
Ext Pkg Unit - Cooling	10%			2029	* *	2	
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 10%</i>					
		<i>Location : Roof</i>					
No Component	90%						D
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$3,200 B
Exhaust Fans							
Roof	100%			2029	* *	2	\$200 B
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2044	* *	1	B
Water Heater							
Electric	100%			2022	\$800	4	B
Sanitary Piping							
Cast Iron	100%			LIFE	* *	1	B
Backflow Preventer							
No Component	90%						D
Generic	10%			2029	* *	1	B
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
		<i>Location : Boiler Room</i>					
		<i>Explanation : For Boiler Only</i>					
Fixtures							
Generic	100%						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.

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.012 / 13553 **Yr Built/Renovated** : 2003 /
Area Sq Ft : 40,857 **Project Type** : FIRE DEPARTMENT
Date of Survey : 18-Jul-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 1819 **Lot** : 40 **BIN** : 1085911

CAPITAL		FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture		\$72,000	\$313,200
Interior Architecture			\$124,400
Total		\$72,000	\$437,600
Priority A		\$72,000	\$313,200
Priority C			\$124,400
Total		\$72,000	\$437,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture		\$16,100	\$9,000	\$14,400
Interior Architecture	\$32,000		\$500	
Electrical	\$4,300	\$5,300	\$4,300	\$38,900
Mechanical	\$400	\$300	\$200	\$200
Total	\$36,700	\$21,700	\$14,000	\$53,600
Priority A		\$16,100	\$9,000	\$14,400
Priority B	\$4,700	\$5,600	\$4,500	\$39,200
Priority C	\$32,000		\$500	
Total	\$36,700	\$21,700	\$14,000	\$53,600



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 TRAINING BLDGS - FIELD HOUSE #12
Asset # : 13553

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	30%			LIFE	**	5	\$23,100	A
Metal Panel	50%			2044	**	5-10	\$264,100	A
Metal Sect. OHD	10%			2037	**	5	\$24,000	A
Window Wall	10%			2044	**	5	\$28,800	A
Windows								
Aluminum	100%			2040	**	5	\$11,600	A
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$5,800	A
Masonry: Brick	30%			LIFE	**	5	\$2,300	A
Metal Rail	5%			2037	**	5-10	\$6,800	A
No Component	55%							D
Roof								
Metal Panel	80%			2041	**	10	\$79,000	A
Roll Roofing	20%			2023		5	\$18,000	A
Interior								
Floors								
Cast in Place Concrete	93%	2-4	\$28,000	LIFE	**	5	\$124,400	C
		<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
Ceramic Tile	7%	2-4	\$3,900	2033	**	5	\$2,100	C
		<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						
Interior Walls								
Ceramic Tile	2%			2033	**	5	\$1,000	C
Concrete Masonry Unit	75%			LIFE	**	5	\$14,300	C
Gypsum Board	5%			LIFE	**	5	\$1,400	C
Masonry: Brick	12%			LIFE	**			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Streetscape Mockup On Main Level</i>						
		<i>Explanation : Simulated Brick Building Facade Mockups</i>						
Metal Coiling Doors	6%			2040	**	5	\$14,300	C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Streetscape Mockup</i>						
		<i>Explanation : On Building Facade Mockups</i>						
Ceilings								
Exposed Struc: Steel	95%			LIFE	**			B
Metal Panel	5%			LIFE	**	5	\$5,000	B

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

Under 600 Volts

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

Estimates are rounded to the nearest hundred dollars.

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12
Asset # : 13553

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment Fused Disc Sw	100%			2044	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 2000 Amps Main Disconnect Switch</i>								
Transformers Dry Type	100%			2037	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 30 Kva 480/277hv-208lv</i>								
Switchgear / Switchboard Molded Case Bkrs	100%			2044	**	5	\$1,100	B
Raceway Conduit	100%			2044	**	1		B
Panelboards Fused Disc Sw	10%			2040	**	5	\$100	B
Molded Case Bkrs	90%			2040	**	5	\$1,000	B
Motor Controllers Locally Mounted	100%			2037	**	5	\$300	B
Stand-by Power								
Transfer Switches Automatic	100%			2037	**	1	\$12,600	B
Lighting								
Interior Lighting Fluorescent	90%			2029	**	10	\$33,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
HID	10%			2029	**	10	\$100	B
Egress Lighting Emergency, Service	65%			2029	**	1		B
Exit, LED	35%			2039	**	1		B
Exterior Lighting HID	100%			2029	**	10	\$100	B
Alarm								
Security System No Component	50%							D
Generic	50%			2029	**	1	\$7,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Security Room</i>								
<i>Explanation : Premium System</i>								
Fire/Smoke Detection Generic	100%			2029	**	1-3	\$25,200	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
FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12
Asset # : 13553

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Energy Source HTHW/HW	20%			2044	* *	1		B
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>							
	<i>Location : 1st Floor</i>							
	<i>Explanation : Hot Water Is Supplied From Adjacent Building #11</i>							
No Component	80%							D
Distribution								
Hot Wtr Piping/Pump	20%			2040	* *	4	\$600	B
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>							
	<i>Location : 1st Floor</i>							
	<i>Explanation : Hot Water From Adjacent Building #11</i>							
No Component	80%							D
Terminal Devices								
Convactor/Radiator	15%			2037	* *	1	\$2,000	B
	<i>Other Observation, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Ground Level</i>							
	<i>Explanation : Radiant Heating Pipes In Floor</i>							
Unit Heater-Stm/HW	5%			2029	* *	4	\$300	B
No Component	80%							D
Ventilation								
Exhaust Fans								
Roof	20%			2029	* *	2	\$300	B
No Component	80%							D
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2044	* *	1		B
No Component	80%							D
Water Heater								
Electric	20%			2022		4	\$1,200	B
No Component	80%							D
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		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.

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : FIRE ACADEMY TRAINING TOWER # 1
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.000 / 1988 **Yr Built/Renovated** : 1975 / 2008
Area Sq Ft : 5,400 **Project Type** : FIRE DEPARTMENT
Date of Survey : 22-Jul-2013 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,3,5
Block : 1819 **Lot** : 40 **BIN** :

CAPITAL**Total**

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$11,100			
Interior Architecture	\$23,000			
Electrical			\$100	\$5,200
Mechanical	\$10,700	\$200	\$200	\$800
Total	\$44,800	\$200	\$300	\$6,000
Priority A	\$11,100			
Priority B	\$19,900	\$200	\$300	\$6,000
Priority C	\$13,800			
Total	\$44,800	\$200	\$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
FIRE ACADEMY TRAINING TOWER # 1
Asset # : 1988

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	**	5	\$3,100	A
Masonry: Brick	50%	2-4	\$8,700	LIFE	**	5	\$3,100	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	100%	2-4	\$1,500	2046	**	5	\$400	A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast in Place Concrete	25%			LIFE	**	5	\$700	A
Cast in Place Concrete	20%	4+	\$300	LIFE	**	5	\$600	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	25%			LIFE	**	5	\$100	A
Masonry: Brick	25%	2-4	\$400	LIFE	**	5	\$100	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Rail	5%	2-4		2044	**	5	\$100	A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Skylight, Metal/Glass	2%			2050	**	10	\$200	A
Traffic Topping	98%			2032	**	10	\$4,300	A
Interior								
Floors								
Cast in Place Concrete	95%	2-4	\$3,900	LIFE	**	5	\$17,500	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Steel Grating	5%			2044	**	1		C
Interior Walls								
Concrete Masonry Unit	100%	2-4	\$9,900	LIFE	**	5	\$3,800	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
Exposed Concrete	100%	4+	\$9,200	LIFE	**	5	\$900	B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2024	\$22,000	1		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
FIRE ACADEMY TRAINING TOWER # 1
Asset # : 1988

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2023	\$11,500	5	\$100	B
Wiring								
Thermoplastic	100%			2024	\$15,400	1		B
Motor Controllers								
Locally Mounted	100%			2022	\$4,300	5		B
Lighting								
Interior Lighting								
Fluorescent	20%			2029	* *	10	\$1,000	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : First Floor And Basement</i>						
		<i>Explanation : T-8 Lamps</i>						
Fluorescent	80%			2029	* *	10	\$4,100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Using Compact Fluorescent Lamps</i>						
Exterior Lighting								
HID	100%			2029	* *	10		B
Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Electricity	20%			2044	* *	1		B
No Component	80%							D
Conversion Equipment								
Radiant Heater	20%			2024	\$4,700	2	\$500	B
No Component	80%							D
Ventilation								
Exhaust Fans								
Wall Unit	100%			2024	\$8,100	2	\$200	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Fan In Basement To Remove Methane Gas</i>						
Plumbing								
H/C Water Piping								
Galv Iron/Steel	10%			2037	* *	1		B
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : B, 1-5</i>						
		<i>Explanation : Standpipe Only</i>						
No Component	90%							D

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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY TRAINING TOWER # 1
Asset # : 1988

Mechanical	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		B
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : 1-5</i>							
	<i>Explanation : Roof Drains Only</i>							
Sump Pump(s)								
Rigid Piping	100%	Now	\$10,500	2034	* *	4	\$1,600	B
	<i>Not in Service, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement</i>							
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	\$2,800	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.

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : FIRE ACADEMY VEHICLE PREVENTIVE MAINT BLDG #6
Address : RANDALLS ISLAND
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.050 / 1990 **Yr Built/Renovated** : 1975 / 2004
Area Sq Ft : 14,800 **Project Type** : FIRE DEPARTMENT
Date of Survey : 19-Jul-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 1819 **Lot** : 40 **BIN** :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$68,800	\$86,800
Total	\$68,800	\$86,800
Priority A	\$68,800	\$86,800
Total	\$68,800	\$86,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$10,100			\$25,100
Interior Architecture	\$19,700		\$700	\$1,000
Electrical	\$1,900	\$2,400	\$2,900	\$7,100
Mechanical	\$4,400	\$1,500	\$2,500	\$4,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$40,100	\$7,800	\$10,100	\$41,900
Priority A	\$10,100			\$25,100
Priority B	\$11,400	\$7,800	\$9,400	\$15,800
Priority C	\$18,600		\$700	\$1,000
Total	\$40,100	\$7,800	\$10,100	\$41,900



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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY VEHICLE PREVENTIVE MAINT BLDG #6
Asset # : 1990

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	45%	2-4	\$68,800	LIFE	**	5	\$24,100	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	20%			LIFE	**	5	\$10,700	A
Metal Sect. OHD	30%			2029	**	5	\$50,100	A
Metal Sect. OHD	5%			2041	**	5	\$8,400	A
Windows								
Aluminum	90%			2040	**	5	\$800	A
Aluminum	10%			2040	**	5	\$100	A
Parapets								
Pre-Cast Concrete	10%			LIFE	**	5	\$1,800	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Low Wall Coping</i>								
No Component	90%							D
Roof								
Built-Up (BUR)	25%	2-4	\$1,600	2029	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stone Ballast</i>								
Roll Roofing	75%	0-2	\$4,300	2020	\$86,800	5	\$18,500	A
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Reflective Surface, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	40%	Now	\$4,700	LIFE	**	5	\$20,700	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	20%			LIFE	**	5	\$10,400	C
Ceramic Tile	5%			2033	**	5	\$1,200	C
Vinyl Tile	35%	Now	\$13,300	2029	**	3	\$3,100	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Second Floor Office, Corridor And Stair</i>								
Interior Walls								
Ceramic Tile	5%			2033	**	5	\$200	C
Concrete Masonry Unit	55%			LIFE	**	5	\$900	C
Concrete Masonry Unit	20%			LIFE	**	5	\$300	C
SGFT/Glazed Masonry	20%	0-2	\$600	LIFE	**			C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Garage Area</i>								

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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY VEHICLE PREVENTIVE MAINT BLDG #6
Asset # : 1990

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%	0-2	\$500	2029	**	5	\$1,800	B
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Room 202</i>								
AcousTileSusp.Lay-In	5%			2041	**	5	\$1,200	B
Exposed Struc: Steel	50%			LIFE	**			B
Exposed Struc: Steel	20%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$3,000	B
Electrical								
Current Repair		Future Replacement		Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%			2044	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch</i>								
Fused Disc Sw	50%			2044	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch For Emergency</i>								
Switchgear / Switchboard								
Fused Disc Sw	50%			2024	\$10,100	5		B
Fused Disc Sw	50%			2044	**	5		B
Raceway								
Conduit	80%			2024	\$17,600	1		B
Conduit	20%			2044	**	1		B
Panelboards								
Fused Disc Sw	10%			2023	\$1,100	5		B
Molded Case Bkrs	80%			2023	\$9,200	5	\$300	B
Molded Case Bkrs	10%			2040	**	5		B
Wiring								
Thermoplastic	80%			2024	\$12,300	1		B
Thermoplastic	20%			2044	**	1		B
Motor Controllers								
Locally Mounted	20%			2022	\$1,700	5		B
Locally Mounted	80%			2029	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	**	1	\$4,600	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
FIRE ACADEMY VEHICLE PREVENTIVE MAINT BLDG #6
Asset # : 1990

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Generators								
Diesel	100%			2033	* *	1	\$5,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside - Near Bldgs 6 & 7</i>								
<i>Explanation : One 425 Kva - Supplies Emergency Power To Buildings # 6, 7, 8, 10 & 14</i>								
Batteries								
Lead/Acid	100%			2018	\$600	5	\$500	B
Fuel Storage								
Main Tank	100%			2052	* *	5	\$500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Area</i>								
<i>Explanation : One 700 Gallons</i>								
Lighting								
Interior Lighting								
Fluorescent	35%			2029	* *	10	\$5,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Offices</i>								
<i>Explanation : T-8 Lamps</i>								
HID	65%			2024	\$5,300	10	\$300	B
Egress Lighting								
Emergency, Service	60%			2029	* *	1		B
Exit, Service	40%			2029	* *	1		B
Exterior Lighting								
HID	100%			2029	* *	10		B
Alarm								
Fire/Smoke Detection								
Generic	100%			2029	* *	1-3	\$9,100	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Fuel Oil No 2	100%			2034	* *	5	\$4,900	B
Conversion Equipment								
Furnace	20%			2024	\$3,700	1	\$1,600	B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Roof</i>								
<i>Explanation : 1 Unit</i>								
Hot Water Boiler	80%			2037	* *	1	\$6,300	B
<i>Other Observation, Extent : Light, Area Affected : 80%</i>								
<i>Location : 1st Floor Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2032	* *	4	\$1,200	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
FIRE ACADEMY VEHICLE PREVENTIVE MAINT BLDG #6
Asset # : 1990

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Terminal Devices								
Convector/Radiator	50%			2029	**	1	\$2,600	B
Unit Heater-Stm/HW	50%			2029	**	4	\$1,100	B
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	20%	Now	\$2,800	2024	\$13,800	2	\$200	B
			<i>Not in Service, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : 1 Of 2 Units On The Roof Is Out Of Service</i>					
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>					
			<i>Location : 3 Units On Roof</i>					
No Component	80%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,800	B
Exhaust Fans								
Roof	85%			2024	\$10,100	2	\$400	B
Wall Unit	15%			2024	\$3,400	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	**	1		B
Water Heater								
Electric	50%			2019	\$1,200	4		B
Electric	50%			2023	\$1,200	4		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
No Component	90%							D
Generic	10%			2029	**	1	\$100	B
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Boiler Room</i>					
			<i>Explanation : For Boiler Only</i>					
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
No Component	80%							D
Generic	20%			2034	**	1-2	\$900	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.

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : FIRE MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1
Address : 247-53 LAFAYETTE STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0002.000 / 2011 **Yr Built/Renovated** : 1972 /
Area Sq Ft : 32,646 **Project Type** : FIRE DEPARTMENT
Date of Survey : 27-Mar-2012 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2,3,4
Block : 495 **Lot** : 7 **BIN** : 1007523

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$146,400	\$42,700
Interior Architecture	\$34,600	
Electrical	\$68,800	\$664,500
Mechanical	\$36,900	\$188,200
Total	\$286,600	\$895,400
Priority A	\$146,400	\$42,700
Priority B	\$105,700	\$852,700
Priority C	\$34,600	
Total	\$286,600	\$895,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$54,700	\$4,100		
Interior Architecture	\$25,700	\$1,100	\$15,500	\$3,500
Electrical	\$18,400	\$5,600	\$5,000	\$4,100
Mechanical	\$45,400	\$6,000	\$17,100	\$7,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$148,200	\$20,600	\$41,600	\$19,000
Priority A	\$54,700	\$4,100		
Priority B	\$68,800	\$15,500	\$38,600	\$15,400
Priority C	\$24,700	\$1,100	\$3,000	\$3,500
Total	\$148,200	\$20,600	\$41,600	\$19,000



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

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

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

FIRE DEPARTMENT - 057
FIRE MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1
Asset # : 2011

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	3%	Now	\$7,900	LIFE	**	5	\$7,400	A
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Above Overhead Doors</i>							
	<i>Staining/Discoloring, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Above Overhead Doors</i>							
Masonry: Brick	87%			LIFE	**	5	\$42,700	A
Metal Sect. OHD	10%			2036	**	5	\$15,300	A
Windows								
Aluminum	95%	Now	\$24,500	2031	**	5	\$6,200	A
	<i>Crwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
Steel	5%			2022	\$32,100	5	\$8,100	A
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Stairs</i>							
Parapets								
Masonry: Brick	95%			LIFE	**	5	\$4,700	A
Pre-Cast Concrete	5%			LIFE	**	5	\$1,600	A
Roof								
Asphalt Shingle	2%			2026	**	10	\$100	A
Modified Bitumen	98%	Now	\$14,600	2018	\$146,400			A
	<i>Blisters, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Over Fourth Floor</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Over Fire Marshals Locker Room</i>							
Interior								
Floors								
Carpet	10%			2022	\$51,900	3	\$8,600	C
Cast in Place Concrete	25%	Now	\$21,100	LIFE	**	5	\$23,500	C
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Ladder Apparatus Floor</i>							
	<i>Uneven Surface, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Apparatus Floor</i>							
Ceramic Tile	5%			2032	**	5	\$2,100	C
Terrazzo	2%			LIFE	**	5	\$700	C
Vinyl Tile	10%			2018	\$34,600	3	\$1,600	C
Vinyl Tile	26%			2028	**	3	\$5,600	C
Vinyl Tile	20%			2033	**	3	\$3,200	C
	<i>Recent Construction, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 2nd Floor</i>							
Wood	2%			2063	**	5	\$1,600	C
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 2nd Floor</i>							

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

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

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

FIRE DEPARTMENT - 057
FIRE MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1
Asset # : 2011

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	2%			2038	**	5	\$1,100	C
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
Concrete Masonry Unit	10%			LIFE	**	5	\$2,200	C
<i>Diagonal Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Parking Garage</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Cellar</i>								
Gypsum Board	20%			LIFE	**	5	\$6,500	C
<i>Recent Construction, Extent : Light, Area Affected : 40%</i>								
<i>Location : 2nd Floor</i>								
Plaster	48%			LIFE	**	5	\$7,700	C
SGFT/Glazed Masonry	20%			LIFE	**			C
Ceilings								
AcousTileConcealSpLn	35%			2028	**	5	\$18,800	B
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Locker Room In Fire Marshals Area; 3rd Floor Ceiling</i>								
AcousTileSusp.Lay-In	5%			2036	**	5	\$2,100	B
AcousTileSusp.Lay-In	15%			2043	**	5	\$6,400	B
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
Exposed Concrete	20%			LIFE	**	5	\$1,300	B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Stair 3 At Cellar</i>								
Plaster	25%			LIFE	**	5	\$6,700	B
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Dormitory In Fire Marshals Area; 2nd Floor Locker Room</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2023	\$16,200	5	\$900	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Main Electrical Room</i>								
<i>Explanation : 3,000 Amp</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	\$75,700	5	\$900	B
Raceway								
Conduit	20%			2033	**	1		B
Conduit	80%			2023	\$33,200	1		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
FIRE MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1
Asset # : 2011

Electrical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Panelboards								
Molded Case Bkrs	80%			2022	\$36,700	5	\$700	B
Molded Case Bkrs	20%			2031	* *	5	\$200	B
Wiring								
Thermoplastic	20%			2033	* *	1		B
Thermoplastic	80%			2023	\$34,100	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$56,200	5	\$200	B
Ground								
Grounding Devices								
Generic	100%	0-2	\$900	LIFE	* *	5	\$500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Corroded And Connected To Main Water Pipe.</i>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2021	\$10,700	1	\$10,000	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Main Electrical Room</i>								
<i>Explanation : 3 Pole, 100 Amp</i>								
Generators								
Diesel	100%			2019	\$68,800	1	\$12,600	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 30 Kw, 37.5 Kva</i>								
Batteries								
Lead/Acid	100%			2016	\$600	5	\$1,200	B
Fuel Storage								
Day Tank	20%			2022	\$400	5	\$1,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Emergency Generator Room</i>								
<i>Explanation : 250 Gallon Stand- Alone Day Tank</i>								
Main Tank	80%			2026	* *	5	\$700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Underground</i>								
<i>Explanation : 1,000 Gallon</i>								
Lighting								

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

Estimates are rounded to the nearest hundred dollars.

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

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

FIRE DEPARTMENT - 057
FIRE MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1

Asset # : 2011

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting Fluorescent	30%			2023	\$36,100	10	\$7,900	B
	<i>T-12 Lamps, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout The Building</i>							
Fluorescent	8%	Now	\$9,600	2033	**			B
	<i>T-8 Lamps, Extent : Light, Area Affected : 100%</i> <i>Location : Basement</i> <i>Other Observation, Extent : Severe, Area Affected : 100%</i> <i>Location : Basement</i> <i>Explanation : Burnt Out</i>							
Fluorescent	60%			2023	\$72,100	10	\$15,800	B
	<i>T-8 Lamps, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout The Building</i>							
Incandescent	2%			2023	\$2,400	2		B
Egress Lighting								
Emergency, Service	50%			2028	**	1		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Emergency Lighting From Generator</i>							
Exit, Service	50%	Now	\$2,000	2033	**	1		B
	<i>Not Functioning, Extent : Moderate, Area Affected : 100%</i> <i>Location : Throughout The Building</i>							
Exterior Lighting								
HID	100%			2023	\$11,300	10	\$100	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Facade</i> <i>Explanation : Downlights, Controlled Via Switch</i>							
Alarm								
Fire/Smoke Detection Generic	100%			2023	\$320,500	1-3	\$20,100	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source Natural Gas	100%			2043	**	1		B
Conversion Equipment								
Hot Water Boiler	85%			2036	**	1	\$12,000	B
Hot Water Boiler	15%			2043	**	1	\$2,100	B
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i> <i>Location : 2nd Floor Division 1</i>							

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

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

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

FIRE DEPARTMENT - 057
FIRE MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1
Asset # : 2011

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Distribution								
Hot Wtr Piping/Pump	85%			2031	**	4	\$1,200	B
Hot Wtr Piping/Pump	15%			2048	**	4	\$300	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Division I</i>								
Terminal Devices								
Convactor/Radiator	75%			2028	**	1	\$6,900	B
Convactor/Radiator	15%			2043	**	1	\$1,400	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Division I</i>								
Fan Coil Unit/Heat	10%			2023	\$40,700	1	\$900	B
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	75%	2-4	\$20,700	2023	\$69,100	1	\$9,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Roof</i>								
<i>Explanation : Aged Equipment / Chiller Jackets Off And Missing</i>								
Window/Wall Unit	5%			2021	\$2,800	1		B
No Component	20%							D
Distribution								
Chilled Wtr Pipe/Pump	100%	Now	\$5,300	2033	**	4	\$1,400	B
<i>Insul. Deteriorating, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Mechanical Room On Roof</i>								
Terminal Devices								
Air Handler/Cool/Ht	85%			2023	\$78,400	1	\$15,100	B
Fan Coil - Cooling	15%			2033	**	1	\$1,400	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Division I</i>								
<i>Explanation : New Installation</i>								
Heat Rejection								
Air Condenser Unit	85%			2018	\$36,900	2	\$17,000	B
Evap Condenser	15%			2033	**	2	\$3,000	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lower Roof</i>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$11,700	LIFE	**	2-5	\$16,000	B
<i>Insul. Deteriorating, Extent : Severe, Area Affected : 20%</i>								
<i>Location : 2nd Floor, Kitchen</i>								
Exhaust Fans								
Interior	25%			2023	\$7,500	2	\$200	B
Roof	75%			2023	\$16,200	2	\$700	B

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 MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1
Asset # : 2011

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Plumbing							
H/C Water Piping Brass/Copper	100%			2043	* *	1	B
Water Heater Gas Fired	100%			2018	\$6,300	2	\$400 B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Basement</i>					
		<i>Explanation : 2 - 80 Gallon Units</i>					
Sanitary Piping Cast Iron	100%			LIFE	* *	1	B
Storm Drain Piping Cast Iron	100%			LIFE	* *	1	B
Sump Pump(s) Rigid Piping	100%			2023	\$10,500	4	\$1,600 B
Fixtures Generic	100%						B
Vertical Transport							
Elevators Geared Traction	100%			LIFE	* *		C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Basement To 4th Floor</i>					
		<i>Explanation : 1 - Unit</i>					
Fire Suppression							
Sprinkler No Component	80%						D
Generic	20%			2043	* *	1-2	\$1,600 B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Garage</i>					
		<i>Explanation : Serves Garage And Basement Level Only</i>					

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

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

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

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : MAINTENANCE GARAGE LIC
Address : 48-34 35TH STREET LONG ISLAND CITY
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0001.000 / 2010 **Yr Built/Renovated** : 1945 / 2009
Area Sq Ft : 205,000 **Project Type** : FIRE DEPARTMENT
Date of Survey : 05-Jun-2014 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 254 **Lot** : 1 **BIN** : 4003451

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$378,600	\$578,500
Interior Architecture	\$592,200	\$509,400
Electrical		\$171,100
Mechanical	\$46,200	\$275,400
Total	\$1,017,000	\$1,534,300
Priority A	\$378,600	\$578,500
Priority B	\$241,400	\$446,400
Priority C	\$396,900	\$509,400
Total	\$1,017,000	\$1,534,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$65,000			
Interior Architecture	\$95,400	\$34,900	\$5,200	\$8,700
Electrical	\$23,600	\$29,000	\$16,500	\$16,500
Mechanical	\$21,800	\$11,500	\$21,800	\$6,200
Total	\$205,700	\$75,300	\$43,600	\$31,500
Priority A	\$65,000			
Priority B	\$103,900	\$75,300	\$38,300	\$22,700
Priority C	\$36,900		\$5,200	\$8,700
Total	\$205,700	\$75,300	\$43,600	\$31,500



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
MAINTENANCE GARAGE LIC
Asset # : 2010

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	75%			LIFE	**	5	\$461,800	A
Metal Panel	15%			2051	**	5-10	\$63,500	A
Metal Sect. OHD	10%	Now	\$18,200	2038	**	5	\$9,600	A
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade Entrance</i>								
<i>Explanation : Bent Warped</i>								
Windows								
Aluminum	95%	Now	\$28,100	2047	**	5	\$1,800	A
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Carpentry Shop</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Second Floor Offices</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor Offices</i>								
Metal Louvers	5%	Now	\$300	2034	**			A
<i>Corrosion/Rusting, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast in Place Concrete	95%			LIFE	**	5	\$217,300	A
Metal Panel	5%			2051	**	5	\$2,100	A
Roof								
Modified Bitumen	65%			2033	**	10	\$153,400	A
Modified Bitumen	30%	0-2	\$39,100	2033	**			A
<i>Ponding, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Flat Roofs</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Flat Roofs</i>								
Skylight, Metal/Glass	5%			2045	**	10	\$39,300	A
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	**	5	\$793,800	C
Ceramic Tile	5%			2034	**	5	\$14,000	C
Terrazzo	5%			LIFE	**	5	\$21,800	C
Vinyl Tile	5%			2025	**	3	\$7,000	C
Vinyl Tile	15%			2033	**	3	\$15,700	C
Under Construction	5%							D
Interior Walls								
Cast in Place Concrete	5%	Now	\$8,000	LIFE	**			C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Window Lintel Second Floor Offices</i>								
Concrete Masonry Unit	10%			LIFE	**	5	\$2,100	C
Gypsum Board	25%			LIFE	**	5-10	\$11,400	C
Plaster	35%			LIFE	**	5-10	\$8,000	C
SGFT/Glazed Masonry	20%			LIFE	**	10	\$2,700	C
Under Construction	5%							D

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

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

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

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 Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%			2042	**	5	\$69,800	B
Exposed Concrete	50%			LIFE	**	5-10	\$174,500	B
Exposed Concrete	5%	Now	\$42,600	LIFE	**	5	\$2,200	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Concrete Beam At Ceiling Over Storage Area</i>								
Exposed Struc: Steel	5%			LIFE	**	10	\$27,900	B
Plaster	10%			LIFE	**	5-10	\$48,000	B
Under Construction	5%							D
Electrical								
Current Repair		Future Replacement		Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Not Accessible	100%							D
Transformers								
Dry Type	100%			2042	**	5	\$800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 225 Kva, 208/120 V</i>								
Switchgear / Switchboard								
Air Circuit Breaker	50%			2051	**	5	\$500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : Low Voltage Power Circuit Breaker</i>								
Not Accessible	50%							D
Raceway								
Conduit	100%			2051	**	1		B
Panelboards								
Fused Disc Sw	2%			2047	**	5	\$100	B
Molded Case Bkrs	98%			2047	**	5	\$5,300	B
Wiring								
Thermoplastic	100%			2051	**	1		B
Motor Controllers								
Locally Mounted	100%			2042	**	5	\$1,400	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$6,000	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2042	**	1	\$63,100	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
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 Code
Stand-by Power								
Generators								
Diesel	100%			2038	* *	1	\$79,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 2- Emergency Generators No Available Nameplate Ratings</i>								
Batteries								
Lead/Acid	100%			2020	\$600	5	\$7,600	B
Fuel Storage								
Day Tank	50%			2047	* *	5	\$17,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator</i>								
<i>Explanation : 620 Gallons Capacity</i>								
Main Tank	50%			2060	* *	5	\$2,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Underground</i>								
<i>Explanation : No Available Nameplate Rating Capacity</i>								
Lighting								
Interior Lighting								
Fluorescent	30%			2033	* *	10	\$51,300	B
<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Offices</i>								
Fluorescent	70%			2033	* *	10	\$119,700	B
<i>T-5 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Repair Shops</i>								
Egress Lighting								
Emergency, Battery	30%			2033	* *	10	\$13,500	B
Exit, Service	70%			2033	* *	1		B
Exterior Lighting								
HID	100%			2033	* *	10	\$600	B
Alarm								
Security System								
No Component	70%							D
Generic	30%			2033	* *	1	\$23,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inside And Outside</i>								
<i>Explanation : C C T V Surveillance Camera</i>								
Fire/Smoke Detection								
Generic, Digital	100%			2033	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Smoke Detectors, Manual Pull Stations, Horns, Alarm Bells And Horns</i>								

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

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. 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 Code
Heating								
Energy Source								
Natural Gas	40%			2045	**	1		B
Interruptible Gas/Dual Fuel	60%			2045	**	1		B
Conversion Equipment								
Furnace	40%			2030	**	1	\$400	B
		<i>Other Observation, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 4 Units</i>						
Steam Boiler	60%			2038	**	1	\$1,100	B
		<i>Other Observation, Extent : Light, Area Affected : 60%</i>						
		<i>Location : Basement Boiler Room</i>						
		<i>Explanation : 3 Units</i>						
Distribution								
Steam Piping/Pump	60%			2025		4	\$100	B
No Component	40%							D
Terminal Devices								
Convactor/Radiator	40%			2030	**	1	\$200	B
Fan Coil Unit/Heat	20%			2025		1	\$100	B
No Component	40%							D
Air Conditioning								
Energy Source								
Electricity	100%			2033	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2030	**	2	\$600	B
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Roof</i>						
Split Unit	10%			2030	**			B
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : Refrigerant R-410 A</i>						
Window/Wall Unit	15%			2020		1	\$54,500	B
No Component	70%							D
Terminal Devices								
Fan Coil - Cooling	10%			2030	**	1	\$6,000	B
No Component	90%							D
Heat Rejection								
Remote Air Cond	10%			2030	**	2	\$13,000	B
No Component	90%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$164,700	B
Exhaust Fans								
Interior	5%			2030	**	2	\$300	B
Roof	95%			2025		2	\$5,400	B

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
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 Code
Plumbing									
	H/C Water Piping Brass/Copper	100%			2035	* *	1		B
	Water Heater Gas Fired	100%			2023	\$41,100	2	\$2,700	B
	Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
	Storm Drain Piping Cast Iron	100%			LIFE	* *	1		B
	Sump Pump(s) Rigid Piping	100%			2025	\$10,500	4	\$2,500	B
	Fixtures Generic	100%							B
Fire Suppression									
	Standpipe Generic	100%			2035	* *	1-5	\$900	B
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
				<i>Location : 34th Street Side Wall</i>					
				<i>Explanation : Connection</i>					
	Sprinkler No Component Generic	80%			2035	* *	1-2	\$100	D B
	Chemical System Generic	100%			2023	\$24,800	1-3	\$50,600	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.*

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : MARINE 9
Address : FRONT AND WAVE STREETS @ WATERFRONT
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : FIRSMAR.009 / 14079 **Yr Built/Renovated** : 2011 /
Area Sq Ft : 8,000 **Project Type** : FIRE DEPARTMENT
Date of Survey : 07-Mar-2013 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : **Lot** : **BIN** :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture		\$48,600
Total		\$48,600
Priority A		\$48,600
Total		\$48,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$15,900			
Interior Architecture	\$13,100	\$1,700		
Electrical	\$1,300	\$1,200	\$1,200	\$2,700
Mechanical	\$1,300	\$900	\$2,800	\$900
Total	\$31,600	\$3,800	\$3,900	\$3,600
Priority A	\$15,900			
Priority B	\$3,500	\$2,100	\$3,900	\$3,600
Priority C	\$12,200	\$1,700		
Total	\$31,600	\$3,800	\$3,900	\$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**MARINE 9****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 Code
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$6,100	A
Masonry: Granite	45%			LIFE	**	5	\$8,200	A
Metal Panel	40%			2050	**	5-10	\$66,900	A
Metal Sect. OHD	5%			2041	**	5	\$3,800	A
Window Wall	5%			2050	**	5	\$4,600	A
Windows								
Aluminum	100%	Now	\$2,400	2046	**	5	\$600	A
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Second Floor Corridor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Main Entrance Clear Story, Bunk Room And Gym</i>								
Parapets								
Metal Rail	90%			2041	**	5-10	\$28,100	A
Metal: Cage/Fence	10%			2041	**	5-10	\$1,300	A
Roof								
Built-Up (BUR)	45%			2032	**	10	\$3,700	A
Built-Up (BUR)	55%			2032	**	10	\$4,500	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Main Roof</i>								
<i>Explanation : Garden " Green " Roof</i>								
Interior								
Floors								
Cast in Place Concrete	5%			LIFE	**	5	\$2,000	C
Ceramic Tile	5%			2037	**	5	\$900	C
Panel/Paver: Cer/Brk	60%			2046	**	5	\$24,300	C
Sheet Vinyl/Rubber	5%			2032	**	5	\$1,400	C
Vinyl Tile	25%			2032	**	3	\$1,700	C
Interior Walls								
Glazed Ceramic Panel	15%			LIFE	**			C
Gypsum Board	80%			LIFE	**	5	\$9,000	C
Wood	5%			LIFE	**	5	\$3,800	C
Ceilings								
AcousTileSusp.Lay-In	10%			2041	**	5	\$1,800	B
Exposed Struc: Steel	5%			LIFE	**			B
Gypsum Board	45%			LIFE	**	5	\$10,100	B
Plaster	40%			LIFE	**	5	\$4,500	B

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

Over 600 Volts

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

Estimates are rounded to the nearest hundred dollars.

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

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

FIRE DEPARTMENT - 057

MARINE 9

Asset # : 14079

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Over 600 Volts								
Service Equipment Fused Disc Sw	100%			2054	**	3		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 600 Amps Main Disconnect Switch</i>								
Transformers Dry Type	100%			2044	**	3		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 750 Kva 4160hv-480/277lv</i>								
Feeders Cable	100%			2049	**	1		B
Raceway Conduit	100%			2054	**	1		B
Under 600 Volts								
Service Equipment Molded Case Bkrs	100%			2054	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room, 1st Floor</i>								
<i>Explanation : One 600 Amps Main Disconnect Switch</i>								
Transformers Dry Type	100%			2044	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room, 1st Floor</i>								
<i>Explanation : Two 112.5 Kva, 480hv-208/120lv</i>								
Switchgear / Switchboard Molded Case Bkrs	100%			2054	**	5	\$200	B
Raceway Conduit	100%			2054	**	1		B
Panelboards Fused Disc Sw	10%			2049	**	5		B
Molded Case Bkrs	90%			2049	**	5	\$200	B
Wiring Thermoplastic	100%			2054	**	1		B
Motor Controllers Locally Mounted	100%			2044	**	5	\$100	B
Ground								
Grounding Devices Generic	100%			LIFE	**	5	\$100	B
Stand-by Power								
Transfer Switches Automatic	100%			2044	**	1	\$2,500	B
Generators Diesel	100%			2039	**	1	\$3,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 450 Kw</i>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

FIRE DEPARTMENT - 057**MARINE 9****Asset # : 14079**

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Batteries								
Lead/Acid	100%			2019	\$600	5	\$300	B
Fuel Storage								
Main Tank	100%			2064	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Underground</i>								
<i>Explanation : One 780 Gals</i>								
Lighting								
Interior Lighting								
Fluorescent	90%			2034	**	10	\$6,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout the Building</i>								
<i>Explanation : T-8 Lamps With Automatic Lighting Controls</i>								
Fluorescent	10%			2034	**	10	\$700	B
<i>T-5 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Emergency, Service	60%			2034	**	1		B
Exit, LED	40%			2064	**	1		B
Exterior Lighting								
HID	100%			2034	**	10		B
Lightning Protection								
Arresters/Cabling								
Generic	100%			2064	**	5	\$200	B
Alarm								
Security System								
No Component	50%							D
Generic	50%			2034	**	1	\$1,500	B
Fire/Smoke Detection								
Generic	100%			2034	**	1-3	\$5,100	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	40%			2054	**	1		B
Solar Panel(s)	60%			2054	**	2	\$300	B
Air Conditioning								
Energy Source								
Electricity	100%			2049	**	1		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**MARINE 9****Asset # : 14079**

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	**	2	\$500	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 3 Roof Top Units With Refrigerant R- 410a</i>						
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$4,500	B
Exhaust Fans								
Roof	15%	Now		2032	**	2		B
		<i>Malfunctioning, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Kitchen Hood Exhaust</i>						
No Component	85%							D
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : Process Is Carried Out Through A C System</i>						
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	**	1		B
Water Heater								
Electric	100%			2024	\$1,200	4	\$100	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : First Floor Mechanical Room</i>						
		<i>Explanation : 2 Units - Hot Water Solar Panels Are Used To Heat The Water</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2034	**	1	\$500	B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
Generic	100%			2054	**	1-2	\$2,200	B
Chemical System								
No Component	80%							D
Generic	10%			2024	\$2,500	1-3	\$5,100	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Kitchen</i>						
		<i>Explanation : Kitchen Hood System Is Inaccessible</i>						
Generic	10%			2024	\$2,500	1-3	\$5,100	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Fire Extinguishers</i>						

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

Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : RESCUE 3
Address : 1655 WASHINGTON AVE. BTWN: E.172 ST. - E.173 ST.
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : FIRSRES.003 / 14463 **Yr Built/Renovated** : 2009 /
Area Sq Ft : 19,492 **Project Type** : FIRE DEPARTMENT
Date of Survey : 07-Feb-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 2905 **Lot** : 30 **BIN** : 2817127

CAPITAL		FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture			\$77,000
Interior Architecture			\$54,200
Total			\$131,300
Priority	A		\$77,000
Priority	C		\$54,200
Total			\$131,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture		\$36,600		
Interior Architecture		\$6,400		
Electrical	\$700	\$700	\$700	\$1,000
Mechanical	\$2,500	\$1,700	\$8,500	\$1,700
Total	\$3,200	\$45,400	\$9,200	\$2,800
Priority	A	\$36,600		
Priority	B	\$3,200	\$9,200	\$2,800
Priority	C		\$5,000	
Total	\$3,200	\$45,400	\$9,200	\$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
RESCUE 3
Asset # : 14463

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	2%			LIFE	**	5	\$3,400	A
Masonry: Brick	40%			LIFE	**	5	\$13,700	A
Metal/Glass Curt Wall	3%			LIFE	**	5	\$1,900	A
Metal Panel	45%			2052	**	5-10	\$105,900	A
Metal Coiling Doors	10%			2042	**	5	\$10,700	A
Windows								
Aluminum	100%			2047	**	5	\$1,200	A
Parapets								
Metal Rail	10%			2042	**	5-10	\$4,400	A
No Component	90%							D
Roof								
IRMA/Protected Membrane	20%			2032	**	10	\$5,200	A
Metal, Corrugated	60%			2042	**	1		A
Plaza Roof: Stone Panels	10%			2052	**			A
Skylight, Metal/Glass	10%			2052	**	10	\$8,700	A
Interior								
Floors								
Cast in Place Concrete	85%			LIFE	**	5	\$54,200	C
Ceramic Tile	3%			2037	**	5	\$900	C
Sheet Vinyl/Rubber	2%			2032	**	5	\$900	C
Wood	10%			2062	**	5	\$5,500	C
Interior Walls								
Ceramic Tile	5%			2037	**	5	\$2,700	C
Concrete Masonry Unit	20%			LIFE	**	5	\$4,300	C
Glass: Single Pane	5%			LIFE	**	5	\$2,000	C
Gypsum Board	20%			LIFE	**	5	\$6,400	C
Masonry: Brick	5%			LIFE	**			C
Metal Panel	40%			LIFE	**			C
Wood	5%			LIFE	**	5	\$10,700	C
Ceilings								
AcousTileSusp.Lay-In	10%			2042	**	5	\$2,800	B
Exposed Struc: Steel	70%			LIFE	**			B
Gypsum Board	5%			LIFE	**	5	\$1,800	B
Metal Panel	15%			LIFE	**	5	\$5,300	B

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Not Accessible	100%							D
Transformers								
Not Accessible	100%							D

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

Estimates are rounded to the nearest hundred dollars.

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

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

FIRE DEPARTMENT - 057
RESCUE 3
Asset # : 14463

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Not Accessible	100%							D
Raceway								
Conduit	100%			2048	**	1		B
Panelboards								
Molded Case Bkrs	100%			2044	**	5	\$500	B
Wiring								
Thermoplastic	100%			2048	**	1		B
Motor Controllers								
Locally Mounted	100%			2039	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : Connected With Main Water Pipe</i>						
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	**	1	\$6,000	B
Generators								
Not Accessible	100%							D
Batteries								
Not Accessible	100%							D
Fuel Storage								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	100%			2030	**	10	\$17,900	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : T-8 & Compact Lamps</i>						
Egress Lighting								
Exit, LED	100%			2057	**	1		B
Exterior Lighting								
HID	100%			2030	**	10	\$100	B
Alarm								
Fire/Smoke Detection								
No Component	90%							D
Generic	10%			2030	**	1-3	\$1,200	B

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2048	**	1		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
RESCUE 3
Asset # : 14463

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Conversion Equipment							
Furnace	50%			2030	**	1	\$4,800 B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Roof Top Unit</i>					
		<i>Explanation : A C Unit Has Gas Fired Furnace</i>					
Hot Water Boiler	50%			2035	**	1	\$4,800 B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Basement</i>					
		<i>Explanation : 2 Boilers</i>					
Distribution							
Ductwork/Diffusers	50%			LIFE	**	2-5	\$5,400 B
Hot Wtr Piping/Pump	50%			2044	**	4	\$700 B
Terminal Devices							
Fan Coil Unit/Heat	50%			2030	**	1	\$3,200 B
No Component	50%						D
Air Conditioning							
Energy Source							
Electricity	75%			2044	**	1	B
No Component	25%						D
Conversion Equipment							
Ext Pkg Unit - Heating/Cooling	50%			2030	**	2	\$600 B
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
		<i>Location : Roof</i>					
		<i>Explanation : Covers Top Floor, Refrigerant Is 410a</i>					
No Component	50%						D
Distribution							
Ductwork/Diffusers	50%			LIFE	**	2	\$12,700 B
No Component	50%						D
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$10,900 B
Exhaust Fans							
Roof	100%			2030	**	2	\$600 B
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2048	**	1	B
Water Heater							
Gas Fired	100%			2021	\$4,300	2	\$300 B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Basement</i>					
		<i>Explanation : 2 Units About 125 Gal Each</i>					
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	B
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	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
RESCUE 3
Asset # : 14463

Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Plumbing								
Sewage Ejector(s)								
Electric	100%			2030	* *	4	\$1,600	B
Backflow Preventer								
No Component	50%							D
Generic	50%			2030	* *	1	\$600	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : On Domestic Line Only</i>								
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
No Component	10%							D
Generic	90%			2048	* *	1-2	\$4,900	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.

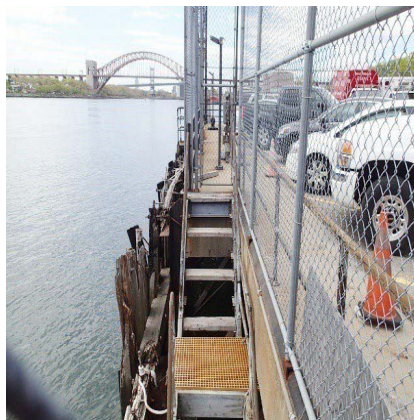
Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : FDNY PLATFORM / PILE SUPPORTED PLATFORM
Address : RANDALLS ISLAND SUNKEN MEADOW
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.100 / 13857 **Yr Built/Renovated** :
Area Sq Ft : 17,325 **Project Type** : FIRE DEPARTMENT
Date of Survey : 08-May-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 1819 **Lot** : 4 **BIN** :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$714,200	\$100,200
Total	\$714,200	\$100,200
Priority A	\$509,700	\$66,600
Priority B	\$204,500	
Priority C		\$33,600
Total	\$714,200	\$100,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$97,000	\$100		\$12,100
Total	\$97,000	\$100		\$12,100
Priority A	\$46,600			
Priority B	\$36,000	\$100		\$5,100
Priority C	\$14,400			\$7,000
Total	\$97,000	\$100		\$12,100



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

FIRE DEPARTMENT - 057
FDNY PLATFORM / PILE SUPPORTED PLATFORM
Asset # : 13857

Piers		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Deck								
Concrete	53%			LIFE	**	5	\$34,200	A
	<i>Cracking, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Isolated Throughout Underside Of Pier</i>							
Concrete	2%	4+	\$19,300	LIFE	**	5	\$600	A
	<i>Spalling, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout In Deck Soffit</i>							
Not Accessible	45%							D
Deck Surface								
Asphalt	65%			2034	**	5	\$12,400	C
	<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
No Component	5%							D
Not Accessible	30%							D
Pile Caps								
Concrete	2%	4+	\$9,100	LIFE	**	5		A
	<i>Cracking, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Spalling, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Isolated Throughout With Exposed Reinforcement</i>							
Concrete	98%			LIFE	**	5	\$2,300	A
	<i>Cracking, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Isolated Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Isolated Throughout</i>							
Piles and Bracing								
Steel	25%	4+	\$509,700	LIFE	**	5	\$66,600	A
	<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Above Mean Low Water Elevation Throughout</i>							
	<i>Defec Cathodic Prot., Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Anodes Missing Throughout</i>							
	<i>Missing Coating, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Above Mean Low Water Elevation Throughout</i>							
Not Accessible	75%							D
Fender								
Buffer								
Rubber	65%	Now	\$29,500	2040	**	4-5	\$5,200	B
	<i>Loose Connections, Extent : Severe, Area Affected : 60%</i>							
	<i>Location : At Areas Of Timber Decay Above Mlw Elevation</i>							
No Component	35%							D

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

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

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

FIRE DEPARTMENT - 057
FDNY PLATFORM / PILE SUPPORTED PLATFORM
Asset # : 13857

Piers		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender								
Facing Timber	65%	Now	\$68,800	2034	**	3	\$12,100	B
<i>Rotting/Splitting, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Above Mlw Elevation</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At South End Of Pier And Southeast Face</i>								
<i>Explanation : Fire Damage</i>								
No Component	35%							D
Wales and Chocks								
Timber	65%	Now	\$52,100	2034	**	4	\$16,800	B
<i>Rotting/Splitting, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Typical Upper Wale And Isolated Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : At South End Of Pier</i>								
<i>Explanation : Fire Damage</i>								
No Component	35%							D
Piles								
Steel	15%	Now	\$41,800	2040	**	3-5	\$15,800	B
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Near Center Of Berth</i>								
<i>Explanation : Impact Damage</i>								
Steel	15%	4+	\$41,800	2040	**	3-5	\$15,800	B
<i>Corrosion, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Above Mlw Throughout Piles And Angle Bracing</i>								
No Component	35%							D
Not Accessible	35%							D
Pile Cluster								
Timber	35%			2023	\$33,600	4-10	\$12,000	C
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Within The Tidal Zone</i>								
Timber	15%	Now	\$14,400	2030	**	4	\$700	C
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Offshore Dolphin. Within Tidal Zone.</i>								
Not Accessible	50%							D
Deck Elements								
Railing								
Steel	5%	0-2	\$6,500	2023	\$21,600			B
<i>Loose Connections, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Railing At North Side Of North Apron</i>								
Fencing	95%			2026	**	3	\$200	B
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Base Connections</i>								

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

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

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

Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : WHARF UNDER EC 331/LC 173 BY HARBOR ADAM
Address : 158-67 CROSS BAY BLVD. SHELL BANK BASIN
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : NYP0103.010 / 13649 **Yr Built/Renovated** :
Area Sq Ft : 5,520 **Project Type** : FIRE DEPARTMENT
Date of Survey : 23-Jan-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 14163 **Lot** : 101 **BIN** :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$19,500			
Total	\$19,500			
Priority A	\$19,500			
Priority B				
Total	\$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
WHARF UNDER EC 331/LC 173 BY HARBOR ADAM
Asset # : 13649

Piers		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural Deck								
Concrete	60%			LIFE	**	5	\$12,300	A
			<i>Cracking, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At Pile Cap Interface, South Underside Of Pier</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Isolated Throughout Underdeck</i>					
			<i>Explanation : Honeycombing</i>					
Not Accessible	40%							D
Pile Caps								
Concrete	15%	4+	\$13,000	LIFE	**	5	\$100	A
			<i>Spalling, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Southeast Pile Cap</i>					
Concrete	85%			LIFE	**	5	\$600	A
Piles and Bracing								
Concrete Encased Steel	75%			LIFE	**			A
			<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>					
			<i>Location : All Piles Are Encased In Concrete</i>					
Not Accessible	25%							D
Fender Facing								
Composite	40%			2024			\$9,400	B
No Component	25%							D
Not Accessible	35%							D
Deck Elements								
Railing								
Steel	25%			2023				B
			<i>Corrosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout Railing</i>					
No Component	75%							D

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

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

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

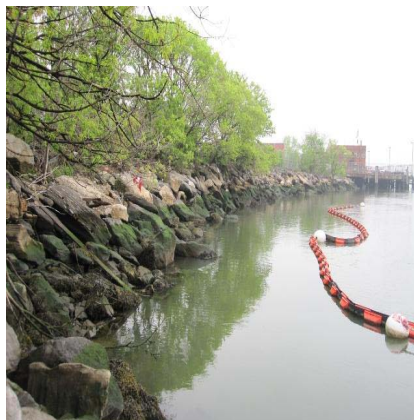
Print Date : 24-Oct-2014

FIRE DEPARTMENT - FY 2015

Asset Name : EAST SHORE RIP-RAP SHORELINE
Address : RANDALLS ISLAND/ NORTH OF DEP TO NORTH OF PLATFORM
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : FIR0003.110 / 13858 **Yr Built/Renovated** :
Linear Ft : 720 **Project Type** : FIRE DEPARTMENT
Date of Survey : 08-May-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 1819 **Lot** : 4 **BIN** :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$50,200	
Total	\$50,200	
Priority C	\$50,200	
Total	\$50,200	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$29,600	\$100	\$800	
Total	\$29,600	\$100	\$800	
Priority B	\$25,800	\$100	\$800	
Priority C	\$3,900			
Total	\$29,600	\$100	\$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
EAST SHORE RIP-RAP SHORELINE
Asset # : 13858

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Revetment								
Stone	90%			LIFE	**	5	\$7,800	C
	<i>Settlement, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Steep Slope Throughout</i>							
Stone	10%	4+	\$50,200	LIFE	**	5	\$400	C
	<i>Settlement, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : At 375 Ft To 400 Ft And 505 To 570 Ft From North Of Fdny Pier</i>							
Backfill								
Fill								
Topsoil	15%	Now	\$22,000	2065	**			B
	<i>Erosion, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Beneath North Apron Of Fdny Pier; And At 482 From North</i>							
	<i>Sinkhole, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Adjacent To Fdny Platform</i>							
Not Accessible	85%							D
Surface								
Gravel	20%			2038	**	2-5	\$400	B
Topsoil	40%			2023	\$14,700	5	\$1,300	B
Topsoil	5%	Now	\$1,800	2025	\$1,800	5	\$100	B
	<i>Settlement, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Adjacent To Fdny Platform</i>							
Not Accessible	35%							D
Deck Elements								
Railing								
Fencing	55%			2026	**	3	\$200	B
Fencing	5%	Now	\$1,900	2030	**	3		B
	<i>Progressing Scour, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : 20 Ft Lengths At 530 Ft And 640 Ft From North Of Fdny Pier</i>							
No Component	40%							D

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

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

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

FIRE DEPARTMENT - 057**Project : FIRE DEPARTMENT**

CAPITAL		FY 2016 - 2019		FY 2020 - 2025	
Miscellaneous Buildings		273,000		109,800	
EXPENSE		FY 2016	FY 2017	FY 2018	FY 2019
Miscellaneous Buildings		47,400	10,300	14,300	20,600
ASSET #	NAME	SQFT	CAPITAL	EXPENSE	
1832	FIRE ACADEMY FIRE SIMULATOR BLDG #4	6,000	119,000	28,800	
1833	FIRE ACADEMY MAINTENANCE & STORAGE BLDG#10	4,800	95,200	23,000	
1857	FIRE ACADEMY FIRE SIMULATOR BLDG #2	6,000	119,000	28,800	
14099	FIRE ACADEMY LIBRARY - BLDG. #13	2,500	49,600	12,000	

Project : FIRE DEPARTMENT

CAPITAL		FY 2016 - 2019		FY 2020 - 2025	
Special Systems		1,032,000		0	
EXPENSE		FY 2016	FY 2017	FY 2018	FY 2019
Special Systems		2,061,000	1,699,000	1,728,000	1,297,000
ASSET #	NAME	SQFT	CAPITAL	EXPENSE	
4534	FIREBOAT-GOVERNOR ALFRED E SMITH		312,000	1,316,000	
4536	FIREBOAT - JOHN D. MCKEAN		325,000	923,000	
4541	FIREBOAT - FIRE FIGHTER II		165,000	1,806,000	
4542	FIREBOAT - THREE FORTY-THREE		165,000	2,124,000	
4543	FIREBOAT - BRAVEST		65,000	616,000	

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.