

Print Date : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$47,500	
Interior Architecture		\$96,100
Total	\$47,500	\$96,100
Priority A	\$47,500	
Priority C		\$96,100
Total	\$47,500	\$96,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$1,400			\$2,300
Interior Architecture	\$2,900	\$4,700		\$2,100
Electrical	\$1,400	\$1,800	\$2,200	\$9,700
Mechanical	\$2,100	\$2,800	\$2,900	\$4,200
Total	\$7,900	\$9,300	\$5,100	\$18,300
Priority A	\$1,400			\$2,300
Priority B	\$4,600	\$4,600	\$5,100	\$13,900
Priority C	\$1,900	\$4,700		\$2,100
Total	\$7,900	\$9,300	\$5,100	\$18,300



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

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

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

FIRE DEPARTMENT - 057
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	\$8,100	A
Masonry: Brick	87%			LIFE	**	5	\$18,000	A
Masonry: Brick	3%			LIFE	**	5	\$600	A
Masonry: Limestone	2%			LIFE	**	5	\$300	A
Window Wall	3%			2049	**	5	\$2,300	A
Windows								
Aluminum	100%			2045	**	5	\$2,800	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	\$2,300	A
Interior								
Floors								
Carpet	27%			2024	\$22,000	3	\$7,500	C
Cast in Place Concrete	25%			LIFE	**	5	\$7,600	C
Ceramic Tile	3%			2036	**	5	\$400	C
Quarry Tile	2%			2028	**	5	\$400	C
Raised Access Floor	15%			2036	**	5	\$7,800	C
Terrazzo	5%			LIFE	**	5	\$500	C
Vinyl Tile	23%			2028	**	3	\$1,200	C
Interior Walls								
Ceramic Tile	3%			2036	**	5	\$400	C
Concrete Masonry Unit	5%			LIFE	**	5	\$200	C
Fabric on Framing	45%			2024	\$96,100	5	\$2,600	C
Gypsum Board	10%			LIFE	**	5	\$700	C
Gypsum Board	5%			LIFE	**	5	\$400	C
Masonry: Brick	10%			LIFE	**			C
Plaster	20%			LIFE	**	5	\$700	C
Wood	2%			LIFE	**	5	\$900	C
Ceilings								
AcousTileSusp.Lay-In	15%			2040	**	5	\$2,100	B
Exposed Concrete	20%			LIFE	**	5	\$400	B
Gypsum Board	15%			LIFE	**	5	\$2,600	B
Plaster	50%			LIFE	**	5	\$4,300	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.

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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	\$200	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
Stand-by Power								
Transfer Switches								
Automatic	100%			2036	**	1	\$2,700	B
Generators								
Diesel	50%			2032	**	1	\$1,700	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	\$1,700	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	\$300	B
Fuel Storage								
Day Tank	50%			2039	**	5	\$800	B
Underground Storage	50%			LIFE	**	5	\$300	B
Lighting								
Interior Lighting								
Fluorescent	90%			2028	**	10	\$7,300	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	\$700	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

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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	\$200	B
Exit, Service	40%			2028	**	1		B

Lightning 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	\$3,300	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	\$5,500	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	\$2,800	B
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Conversion Equipment

Hot Water Boiler	100%			2040	**	1	\$4,400	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	\$400	B
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Terminal Devices

Air Handler	60%			2031	**	1	\$3,300	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	\$1,200	B
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Air Conditioning

Energy Source

Electricity	100%			2039	**	1		B
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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	\$3,300	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	\$500	B
No Component	20%							D
Terminal Devices								
Air Handler/Cool/Ht	80%			2031	**	1	\$4,400	B
No Component	20%							D
Heat Rejection								
Remote Air Cond	80%			2028	**	2	\$5,000	B
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$5,000	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	\$2,300	2	\$100	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	\$1,700	B

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Print Date : 15-Nov-2013 **FIRE DEPARTMENT - FY 2014**

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 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				\$2,500
Total				\$2,500
Priority A				\$2,500
Total				\$2,500



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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	\$11,300	A
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Repairs in Progress, Extent : Light, Area Affected : 25%
Location : Cornices

Masonry: Brick	92%			LIFE	**	5	\$26,600	A
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Repairs in Progress, Extent : Light, Area Affected : 25%
Location : Throughout

Masonry: Limestone	3%			LIFE	**	5	\$700	A
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Repairs in Progress, Extent : Light, Area Affected : 25%
Location : Spandrels, Lintels

Windows

Aluminum	100%			2048	**	5	\$4,900	A
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Recent Replace Evident, Extent : Light, Area Affected : 100%
Location : Throughout

Roof

Clay Tile	100%			2043	**	10	\$23,500	A
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Repairs in Progress, Extent : Light, Area Affected : 25%
Location : Throughout

Interior

Floors

Under Construction	100%							D
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Interior Walls

Under Construction	100%							D
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Ceilings

Under Construction	100%							D
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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
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Transformers

Under Construction	100%							D
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Switchgear / Switchboard

Under Construction	100%							D
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Raceway

Under Construction	100%							D
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Panelboards

Under Construction	100%							D
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Wiring

Under Construction	100%							D
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Motor Controllers

Under Construction	100%							D
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Ground

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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

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FIRE DEPARTMENT - 057
COMMUNICATIONS CENTER-BROOKLYN

Asset # : 1994

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% 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

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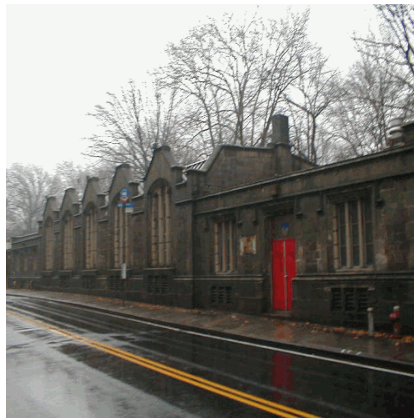
Print Date : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$109,100	\$66,900
Electrical	\$16,700	\$79,200
Total	\$125,800	\$146,200
Priority A	\$109,100	\$66,900
Priority B	\$16,700	\$79,200
Total	\$125,800	\$146,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$4,000			
Electrical	\$1,700	\$1,500	\$1,300	\$10,100
Mechanical	\$2,600	\$1,400	\$2,600	\$6,100
Total	\$8,300	\$2,900	\$3,800	\$16,200
Priority A	\$4,000			
Priority B	\$4,300	\$2,900	\$3,800	\$16,200
Total	\$8,300	\$2,900	\$3,800	\$16,200



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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	\$1,900	LIFE	**	5	\$500	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	\$13,700	A
Pre-Cast Concrete	30%			LIFE	**	5	\$26,200	A
Windows								
Aluminum	90%			2045	**	5	\$4,100	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Metal Louvers	10%			2032	**	10	\$2,800	A
Parapets								
Pre-Cast Concrete	100%			LIFE	**	5	\$66,900	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Roof								
Copper/Terne	90%			2038	**	10	\$98,100	A
Copper/Terne	10%			2058	**	10	\$10,900	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								
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	\$300	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	\$15,000	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 75 Kva</i>								

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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	\$38,500	5		B
Molded Case Bkrs	40%			2043	* *	5	\$100	B
Raceway								
Conduit	60%			2023	\$12,300	1		B
Conduit	40%			2043	* *	1		B
Panelboards								
Molded Case Bkrs	60%			2022	\$14,600	5	\$200	B
Molded Case Bkrs	40%			2039	* *	5	\$100	B
Wiring								
Thermoplastic	50%			2023	\$13,000	1		B
Thermoplastic	50%			2043	* *	1		B
Motor Controllers								
Locally Mounted	70%			2021	\$6,000	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	\$3,400	B
Generators								
Diesel	100%			2036	* *	1	\$4,300	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	\$400	B
Fuel Storage								
Day Tank	50%			2045	* *	5	\$1,000	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	\$300	B
Lighting								
Interior Lighting								
Fluorescent	30%			2018	\$16,700	10	\$2,800	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	\$6,600	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	\$100	B
Exit, LED	45%			2058	**	1		B
Exterior Lighting								
HID	100%			2018	\$4,900	10		B
Lightning Protection								
Arresters/Cabling								
Generic	100%			2026	**	5	\$500	B
Alarm								
Security System								
Generic	100%			2023	\$40,700	1	\$4,100	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	\$3,200	B
Conversion Equipment								
Steam Boiler	100%			2043	**	1	\$10,200	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	\$31,600	4	\$300	B
Steam Piping/Pump	50%			2053	**	4	\$300	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	\$2,000	B
Under Construction	40%							D
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		B

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Estimates are rounded to the nearest hundred dollars.

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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	\$1,900	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	\$200	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	\$2,900	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	\$2,300	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	\$3,000	2	\$100	B
Under Construction	70%							D
Plumbing								
H/C Water Piping								
Brass/Copper	20%			2033	* *	1		B
Galv Iron/Steel	80%			2021	\$30,100	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.

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*** 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	Priority Code
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2023	\$11,100	4	\$2,000	B
Fixtures								
Under Construction	100%							D

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Print Date : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$146,200	
Mechanical			\$126,800
Total		\$146,200	\$126,800
Priority A		\$146,200	
Priority B			\$126,800
Total		\$146,200	\$126,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$15,300			\$4,600
Interior Architecture	\$7,700	\$5,100	\$700	\$1,700
Electrical	\$1,300	\$1,500	\$2,100	\$8,400
Mechanical	\$2,700	\$2,100	\$3,000	\$3,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$31,000	\$12,600	\$9,700	\$21,900
Priority A	\$15,300			\$4,600
Priority B	\$12,700	\$7,500	\$9,000	\$15,600
Priority C	\$3,000	\$5,100	\$700	\$1,700
Total	\$31,000	\$12,600	\$9,700	\$21,900



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	\$16,700	A
Masonry: Granite	3%			LIFE	**	5	\$400	A
Masonry: Limestone	10%	Now	\$13,600	LIFE	**	5	\$1,500	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	\$1,200	A
Windows								
Aluminum	100%			2045	**	5	\$3,300	A
Roof								
Clay Tile	95%	Now	\$146,200	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	\$4,000	A
Interior								
Floors								
Carpet	30%			2024	\$19,800	3	\$6,700	C
Cast in Place Concrete	20%			LIFE	**	5	\$4,900	C
Ceramic Tile	5%			2036	**	5	\$600	C
Raised Access Floor	20%			2036	**	5	\$8,400	C
Terrazzo	5%			LIFE	**	5	\$400	C
Vinyl Tile	20%			2031	**	3	\$800	C
Interior Walls								
Cast in Place Concrete	10%			LIFE	**			C
Ceramic Tile	5%			2036	**	5	\$700	C
Fabric on Framing	20%			2027	**	5	\$1,400	C
Gypsum Board	35%			LIFE	**	5	\$3,000	C
Masonry: Brick	10%			LIFE	**			C
Plaster	5%	Now	\$1,300	LIFE	**	5	\$200	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	\$600	C

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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	

Interior

Ceilings

AcousTileSusp.Lay-In	50%			2040	**	5	\$5,600	B
Exposed Concrete	20%			LIFE	**	5	\$400	B
Gypsum Board	10%			LIFE	**	5	\$1,400	B
Plaster	5%	Now	\$1,900	LIFE	**	5	\$400	B

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

Location : Communication Room

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

Location : Communication Room

Plaster	15%			LIFE	**	5	\$1,100	B
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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%			2043	**	5		B
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Main Service Disconnect Switch Rated @ 2000 Amperes

Transformers

Dry Type	100%			2036	**	5		B
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : 225 Kva, 480/208/120 Volts

Switchgear / Switchboard

Fused Disc Sw	100%			2043	**	5		B
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Raceway

Conduit	100%			2043	**	1		B
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Panelboards

Molded Case Bkrs	100%			2039	**	5	\$200	B
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Wiring

Thermoplastic	100%			2043	**	1		B
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Motor Controllers

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

Grounding Devices

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

Location : Water Meter Room

Explanation : Connected To Main Water Pipe.

Stand-by Power

Transfer Switches

Automatic	100%			2036	**	1	\$2,500	B
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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	\$1,600	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	\$1,600	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	\$300	B
Fuel Storage								
Day Tank	50%			2039	**	5	\$700	B
Underground Storage	50%			LIFE	**	5	\$200	B
Lighting								
Interior Lighting								
Fluorescent	70%			2028	**	10	\$4,800	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	\$2,100	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	\$3,000	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	\$5,000	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

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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	\$2,300	B
Conversion Equipment								
Hot Water Boiler	100%			2028	**	1	\$3,700	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	\$600	B
Terminal Devices								
Air Handler	70%			2023	\$32,100	1	\$3,300	B
Fan Coil Unit/Heat	30%			2023	\$38,200	1	\$700	B
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		B
Conversion Equipment								
Centrifugal, Elec Chiller	80%			2032	**	1	\$6,500	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	\$9,000	1	\$1,200	B
Fan Coil - Cool/Heat	55%			2023	\$88,600	1	\$1,300	B
No Component	20%							D
Heat Rejection								
Remote Air Cond	20%			2031	**	2	\$1,000	B
No Component	80%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$4,200	B
Exhaust Fans								
Interior	100%			2028	**	2	\$200	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	**	1		B
Water Heater								
Oil Fired	100%			2021	\$2,600	1	\$200	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

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**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	\$500	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	\$2,100	B
Fire Pump								
Generic	100%			2032	* *	1	\$1,400	B

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Print Date : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 2015 - 2018	FY 2019 - 2024
Mechanical			\$134,000
Total			\$134,000
Priority	B		\$134,000
Total			\$134,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				\$4,400
Electrical	\$28,900	\$1,400	\$1,300	\$2,100
Mechanical	\$8,600	\$1,100	\$2,200	\$2,900
Total	\$37,500	\$2,500	\$3,600	\$9,300
Priority	A			\$4,400
Priority	B	\$37,500	\$2,500	\$4,900
Total	\$37,500	\$2,500	\$3,600	\$9,300



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

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

** 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	\$1,200	A
Masonry: Brick	80%			LIFE	**	5	\$6,300	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Metal Panel	5%			2043	**	5-10	\$2,700	A
Metal Panel	10%			2043	**	5-10	\$5,400	A
Window Wall	2%			2043	**	5	\$600	A
Windows								
Aluminum	95%			2048	**	5	\$2,100	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	\$7,300	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Modified Bitumen	10%			2028	**	10	\$800	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	\$9,500	1		B
Conduit	50%			2049	**	1		B
Panelboards								
Molded Case Bkrs	50%			2022	\$11,200	5	\$100	B
Molded Case Bkrs	50%			2045	**	5	\$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
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	\$26,900	2038	**	1	\$1,300	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	\$1,500	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	\$700	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	\$900	B
Underground Storage	50%			LIFE	**	5	\$300	B
Lighting								
Interior Lighting								
Fluorescent	70%			2031	**	10	\$6,100	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	\$700	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	\$3,900	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	

Alarm

Security System

Generic

100%

2031

* *

1

\$3,500

B

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

Fire/Smoke Detection

Generic

100%

2031

* *

1-3

\$5,800

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	

Heating

Energy Source

Fuel Oil No 2

100%

2049

* *

5

\$2,900

B

Conversion Equipment

Hot Water Boiler

100%

2043

* *

1

\$4,700

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

\$32,300

4

\$300

B

Terminal Devices

Convactor/Radiator

60%

Now

\$6,100

2021

\$60,700

1

\$1,700

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

\$29,100

1

\$3,500

B

Compr/Chiller

20%

D

No Component

Distribution

Chilled Wtr Pipe/Pump

80%

2033

* *

4

\$400

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	\$41,000	2	\$5,300	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	\$12,800	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	\$2,000	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 : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 : 21-Jun-2010 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,3
Block : 241 **Lot** : 13 **BIN** : 1079601

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$281,600	\$38,500
Interior Architecture		\$43,600
Electrical		\$49,200
Total	\$281,600	\$131,400
Priority A	\$281,600	\$38,500
Priority B		\$49,200
Priority C		\$43,600
Total	\$281,600	\$131,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$3,900	\$1,900		
Interior Architecture	\$11,700	\$1,900		\$600
Electrical	\$2,100	\$2,200	\$1,400	\$1,200
Mechanical	\$2,700	\$12,600	\$2,800	\$1,500
Total	\$20,400	\$18,600	\$4,200	\$3,300
Priority A	\$3,900	\$1,900		
Priority B	\$4,800	\$16,700	\$4,200	\$2,700
Priority C	\$11,700			\$600
Total	\$20,400	\$18,600	\$4,200	\$3,300



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

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

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

FIRE DEPARTMENT - 057
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%			LIFE	**	5	\$5,100	A
Masonry: Brick	70%			LIFE	**	5	\$14,300	A
Metal Panel	5%			2041	**	5-10	\$7,000	A
Metal Coiling Doors	10%			2034	**	5	\$6,400	A
Pre-Cast Concrete	10%			LIFE	**	5	\$6,600	A
Windows								
Aluminum	100%	Now	\$281,600	2037	**	5	\$4,900	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Locker Rooms</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Parapets								
Pre-Cast Concrete	100%			LIFE	**	5	\$14,500	A
Roof								
Built-Up (BUR)	98%			2029	**	10	\$14,100	A
Skylight, Metal/Glass	2%	Now	\$3,900	2021	\$38,500			A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Stair</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Stair</i>								
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	**	5	\$21,800	C
Ceramic Tile	5%	Now	\$3,400	2030	**	5	\$400	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	30%			2021	\$43,600	3	\$2,300	C
Interior Walls								
Concrete Masonry Unit	75%	Now	\$7,800	LIFE	**	5	\$4,100	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Gypsum Board	20%			LIFE	**	5	\$1,700	C
Masonry: Brick	5%			LIFE	**			C
Ceilings								
AcousTileSusp.Lay-In	25%			2026	**	5	\$3,800	B
Exposed Concrete	75%			LIFE	**	5	\$1,800	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
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	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	30%			2021	\$900	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1600 Amps Main Disconnect Switch</i>								
Fused Disc Sw	35%			2041	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 2000 Amps Main Disconnect Switch</i>								
Fused Disc Sw	35%			2041	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 3000 Amps Main Disconnect Switch</i>								
Transformers								
Dry Type	30%			2019	\$4,200	5		B
Dry Type	70%			2034	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 1000 Kva</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2021	\$49,200	5		B
Raceway								
Conduit	80%			2021	\$17,200	1		B
Conduit	20%			2041	**	1		B
Panelboards								
Molded Case Bkrs	80%			2020	\$22,700	5	\$200	B
Molded Case Bkrs	20%			2037	**	5	\$100	B
Wiring								
Thermoplastic	80%			2021	\$12,000	1		B
Thermoplastic	20%			2041	**	1		B
Motor Controllers								
Locally Mounted	70%			2019	\$2,600	5		B
Locally Mounted	30%			2034	**	5		B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$100	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2034	**	1	\$3,100	B
Generators								
Diesel	100%			2030	**	1	\$3,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside The Building</i>								
<i>Explanation : One 80 Kva</i>								
Batteries								
Lead/Acid	100%			2015	\$600	5	\$400	B

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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								
Fuel Storage								
Main Tank	100%			2049	**	5	\$300	B
Lighting								
Interior Lighting								
Fluorescent	85%			2021	\$28,700	10	\$8,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-12 Lamps</i>								
Fluorescent	10%			2026	**	10	\$900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
<i>Explanation : Using T-8 Lamps</i>								
HID	5%			2021	\$100	10		B
Egress Lighting								
Emergency, Battery								
Exit, Service	50%			2021	\$2,100	10	\$1,200	B
Exit, Service	50%			2021	\$800	1		B
Exterior Lighting								
HID	100%			2021	\$200	10		B
Alarm								
Security System								
No Component	90%							D
Generic	10%			2026	**	1	\$400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Building Exterior</i>								
<i>Explanation : At Front And Back Doors Only</i>								
Fire/Smoke Detection								
No Component	20%							D
Generic	80%			2026	**	1-3	\$5,000	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%			2031	**	1		B
Conversion Equipment								
Furnace	10%			2021	\$1,400	1	\$500	B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Roof</i>								
<i>Explanation : 1 Unit</i>								
Steam Boiler	90%			2026	**	1	\$9,100	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	100%			2031	**	4	\$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.

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

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

Mechanical		Current Repair		Future Replacement		Maintenance		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								
Convector/Radiator	60%			2026	* *	1	\$2,000	B
Unit Heater-Stm/HW	40%			2021	\$3,700	4	\$400	B
Air Conditioning								
Energy Source								
Electricity	100%			2029	* *	1		B
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2021	\$15,300	2	\$100	B
Window/Wall Unit	40%			2016	\$9,600	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%	0-2	\$600	LIFE	* *	2-5	\$5,700	B
<i>Needs Cleaning, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Exhaust Fans								
Roof	100%			2021	\$9,200	2	\$300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	* *	1		B
Water Heater								
Gas Fired	100%			2019	\$2,700	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								
Standpipe								
Generic	100%			2031	* *	1-5	\$5,200	B
Sprinkler								
Generic	100%			2031	* *	1-2	\$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.

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

Print Date : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

Asset Name : EMS STATION 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 : 24-Feb-2011 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 2351 **Lot** : 23 **BIN** : 4054172

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$229,500	\$359,400
Interior Architecture	\$177,200	\$27,100
Mechanical		\$64,900
Total	\$406,700	\$451,400
Priority A	\$229,500	\$359,400
Priority B		\$64,900
Priority C	\$177,200	\$27,100
Total	\$406,700	\$451,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$40,300		\$8,400	\$1,900
Interior Architecture	\$25,700	\$4,100	\$1,900	\$1,000
Electrical	\$900	\$1,000	\$4,200	\$900
Mechanical	\$4,800	\$1,800	\$48,600	\$1,800
Total	\$71,600	\$6,900	\$63,200	\$5,500
Priority A	\$40,300		\$8,400	\$1,900
Priority B	\$8,900	\$2,800	\$54,800	\$2,700
Priority C	\$22,400	\$4,100		\$1,000
Total	\$71,600	\$6,900	\$63,200	\$5,500



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

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

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

FIRE DEPARTMENT - 057
EMS STATION 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	\$29,100	LIFE	**	5	\$2,600	A
	<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	\$4,200	A
Metal Panel	5%			2042	**	5-10	\$14,500	A
Metal Coiling Doors	10%			2035	**	5	\$13,200	A
Stucco Cement	65%	Now	\$85,900	2027	**	5	\$34,300	A
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : At Northeast Corner</i>							
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
Windows								
Aluminum	75%			2038	**	5	\$3,700	A
Steel	25%	Now	\$71,800	2047	**	5	\$7,700	A
	<i>Air Infiltration, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Garage</i>							
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Garage</i>							
	<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Garage</i>							
Parapets								
Cast Stone/Terra Cotta	5%	Now	\$4,600	LIFE	**	5	\$2,000	A
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Coping</i>							
	<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Coping</i>							
Concrete Masonry Unit	30%			LIFE	**	5	\$1,700	A
Metal Panel	5%			2042	**	5	\$1,000	A
Stucco Cement	60%			2027	**	5	\$8,000	A
Roof								
Modified Bitumen	100%	Now	\$71,900	2022	\$359,400			A
	<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : West Facade</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Office</i>							

Interior

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

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

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FIRE DEPARTMENT - 057
EMS STATION 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	\$177,200	LIFE	**	5	\$25,600	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%			2031	**	5	\$800	C
Panel/Paver: Cer/Brk	5%			2030	**	5	\$2,900	C
Raised Access Floor	5%			2031	**	5	\$4,900	C
Steel Plate	1%	Now	\$20,000	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%			2022	\$27,100	3	\$1,100	C
Vinyl Tile	30%			2027	**	3	\$3,900	C
Interior Walls								
Ceramic Tile	5%			2031	**	5	\$1,800	C
Concrete Masonry Unit	70%			LIFE	**	5	\$10,300	C
Gypsum Board	25%			LIFE	**	5	\$5,500	C
Ceilings								
AcousTileConcealSpLn	20%			2035	**	5	\$6,500	B
AcousTileSusp.Lay-In	15%			2027	**	5	\$3,900	B
Exposed Struc: Steel	65%			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								
Service Equipment								
Fused Disc Sw	100%			2022	\$1,600	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : No Rating Available</i>								
Switchgear / Switchboard								
Fused Disc Sw	80%			2022	\$15,800	5	\$100	B
Fused Disc Sw	20%			2042	**	5		B
Raceway								
Conduit	80%			2022	\$17,200	1		B
Conduit	20%			2042	**	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 STATION 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	
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2030	**	5	\$100	B
Molded Case Bkrs	60%			2021	\$10,100	5	\$400	B
Molded Case Bkrs	20%			2038	**	5	\$100	B
Molded Case Bkrs	10%			2030	**	5	\$100	B
Wiring								
Thermoplastic	80%			2022	\$12,000	1		B
Thermoplastic	20%			2042	**	1		B
Motor Controllers								
Not Accessible	100%							D
Ground								
Grounding Devices								
Not Accessible	100%							D
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	**	1	\$6,800	B
Generators								
Not Accessible	100%							D
Batteries								
Not Accessible	100%							D
Fuel Storage								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	60%			2022	\$23,000	10	\$9,600	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	10%			2027	**	10	\$1,600	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Telemetry Section</i>						
		<i>Explanation : T-8 Lamps</i>						
HID	30%			2022	\$3,200	10	\$200	B
Egress Lighting								
Exit, Service	75%			2027	**	1		B
Exit, Battery	25%			2027	**	10	\$300	B
Exterior Lighting								
HID	100%			2017	\$1,400	10	\$100	B
Alarm								
Fire/Smoke Detection								
No Component	90%							D
Generic	10%			2022	\$26,000	1-3	\$1,400	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	

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

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

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

FIRE DEPARTMENT - 057
EMS STATION 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	
Heating								
Energy Source								
Electricity	5%			2032	**	1		B
Natural Gas	95%			2032	**	1		B
Conversion Equipment								
Furnace	95%			2017	\$22,900	1	\$8,200	B
<i>Other Observation, Extent : Light, Area Affected : 95%</i>								
<i>Location : 2 Units Are In Garage, 5 Are On The Roof</i>								
<i>Explanation : Total - 7 Units</i>								
Radiant Heater	5%			2022	\$4,300	2	\$400	B
Air Conditioning								
Energy Source								
Electricity	100%			2030	**	1		B
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	50%			2022	\$64,900	2	\$500	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 4 Units</i>								
Window/Wall Unit	10%			2017	\$4,000	1		B
No Component	40%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$3,400	LIFE	**	2-5	\$9,700	B
<i>Leak Evident, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Water Leaking To 1st Fl. From Water Heater Vent</i>								
Exhaust Fans								
Roof	90%			2017	\$14,100	2	\$500	B
Wall Unit	10%			2017	\$3,000	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2032	**	1		B
Water Heater								
Gas Fired	100%			2020	\$4,600	2	\$300	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2017	\$1,900	1	\$1,100	B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
Generic	100%			2032	**	1-2	\$4,900	B

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

Print Date : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$54,600	\$181,900
Total	\$54,600	\$181,900
Priority A	\$54,600	\$181,900
Total	\$54,600	\$181,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$32,700			
Interior Architecture	\$48,500	\$4,600		
Electrical	\$2,500	\$2,700	\$3,000	\$17,200
Mechanical	\$29,500	\$10,400	\$9,000	\$4,900
Total	\$113,200	\$17,700	\$12,000	\$22,100
Priority A	\$32,700			
Priority B	\$67,500	\$13,100	\$12,000	\$22,100
Priority C	\$12,900	\$4,600		
Total	\$113,200	\$17,700	\$12,000	\$22,100



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

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 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	\$11,500	LIFE	**	5	\$17,200	A
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Perimeter</i>								
Metal Coiling Doors	15%	4+	\$3,800	2040	**	5	\$4,800	A
<i>Deformed/Dented, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	100%			2045	**	5	\$500	A
Parapets								
Metal Rail	100%			2040	**	5-10	\$43,800	A
Roof								
Modified Bitumen	100%	2-4	\$54,600	2023			\$181,900	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	\$21,500	C
Ceramic Tile	10%	0-2	\$2,700	2036	**	5	\$1,200	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Kitchen</i>								
Sheet Vinyl/Rubber	20%			2031	**	5	\$7,400	C
Vinyl Tile	30%			2031	**	3	\$2,800	C
Interior Walls								
Cast in Place Concrete	15%			LIFE	**			C
Concrete Masonry Unit	70%	2-4	\$10,200	LIFE	**	5	\$5,400	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	\$1,200	C
Ceilings								
Exposed Concrete	30%	2-4	\$5,700	LIFE	**	5	\$1,200	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	\$1,500	B
Metal Panel	25%	0-2	\$29,800	LIFE	**	5	\$7,700	B
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Kitchen, E. M. S. And 2nd Floor Locker Room</i>								

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

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

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	\$400	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	\$200	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	\$5,100	B
Generators								
Diesel	100%			2032	**	1	\$6,400	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	\$600	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exterior Rear Yard</i>								
<i>Explanation : Within Generator Enclosure</i>								

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

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

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	\$3,100	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	\$15,100	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/Cabling								
Generic	100%			2051	**	5	\$500	B
Alarm								
Fire/Smoke Detection								
Generic	100%			2028	**	1-3	\$10,200	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	Priority Code
Heating								
Energy Source								
Natural Gas	100%			2049	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2040	**	1	\$8,200	B
Distribution								
Hot Wtr Piping/Pump	100%			2045	**	4	\$800	B
Terminal Devices								
Air Handler	30%			2031	**	1	\$3,100	B
Convactor/Radiator	30%			2040	**	1	\$1,600	B
Unit Heater-Stm/HW	20%			2028	**	4	\$500	B
Unit Heater-Stm/HW	20%	Now	\$24,100	2033	**	4	\$300	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

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

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% 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	\$500	B
Split Unit	5%			2023	\$4,300			B
Window/Wall Unit	5%			2021	\$1,900	1		B
No Component	40%							D
Distribution								
Ductwork/Diffusers	60%			LIFE	**	2	\$12,800	B
No Component	40%							D
Heat Rejection								
Air Condenser Unit	5%			2028	**	2	\$600	B
No Component	95%							D
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	**	2-5	\$4,600	B
No Component	50%							D
Exhaust Fans								
Roof	100%			2028	**	2	\$500	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	\$4,300	2	\$200	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	\$2,000	B
Backflow Preventer								
Generic	100%			2031	**	1	\$1,000	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								

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

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

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

Mechanical		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	\$1,800	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	\$26,400	1-3	\$46,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Kitchen</i>									
<i>Explanation : Over Range</i>									

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

Print Date : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

Asset Name : ENGINE CO. 265/LADDER CO. 121 BATTALION 47/EMS STATION 47
 Address : 303 BEACH 49 STREET
 Borough : QUEENS Agency's Number : N/A
 Program / Asset # : FIRSECO.121 / 4525 Yr Built/Renovated : 2004 /
 Area Sq Ft : 20,000 Project Type : FIRE DEPARTMENT
 Date of Survey : 07-Sep-2010 Landmark Status : NONE
 Areas Surveyed : Roof, Floors 1,2
 Block : 15840 Lot : 1 BIN : 4855430

CAPITAL

Total
 Priority
 Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture			\$6,900	
Interior Architecture			\$6,200	
Electrical	\$1,400	\$2,100	\$16,300	\$2,900
Mechanical	\$1,000	\$1,600	\$2,200	\$1,900
Total	\$2,400	\$3,700	\$31,600	\$4,800
Priority A			\$6,900	
Priority B	\$2,400	\$3,700	\$22,200	\$4,800
Priority C			\$2,500	
Total	\$2,400	\$3,700	\$31,600	\$4,800



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

FIRE DEPARTMENT - 057
ENGINE CO. 265/LADDER CO. 121 BATTALION 47/EMS STATION 47
Asset # : 4525

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%			LIFE	**	5	\$1,300	A
Masonry: Brick	70%			LIFE	**	5	\$14,500	A
Metal/Glass Curt Wall	10%			LIFE	**	5	\$3,900	A
Metal Coiling Doors	10%			2042	**	5	\$6,500	A
Windows								
Aluminum	100%			2047	**	5	\$500	A
Parapets								
Masonry: Brick	70%			LIFE	**	5	\$1,700	A
Metal Cornice	10%			2062	**	10	\$800	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : This Is The Coping</i>								
Metal Rail	20%			2042	**	5-10	\$8,800	A
Roof								
Metal Panel	20%			2042	**	10	\$9,300	A
Modified Bitumen	30%			2032	**	10	\$7,600	A
Plaza Roof: Stone Panels	50%			2052	**			A
Interior								
Floors								
Cast in Place Concrete	60%			LIFE	**	5	\$32,300	C
Ceramic Tile	5%			2037	**	5	\$1,200	C
Quarry Tile	2%			2042	**	5	\$700	C
Vinyl Tile	33%			2032	**	3	\$3,000	C
Interior Walls								
Ceramic Tile	5%			2037	**	5	\$1,000	C
Concrete Masonry Unit	20%			LIFE	**	5	\$1,600	C
Gypsum Board	75%			LIFE	**	5	\$8,700	C
Ceilings								
AcousTileSusp.Lay-In	30%			2042	**	5	\$7,400	B
Exposed Struc: Steel	60%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$3,100	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								
Fused Disc Sw	100%			2042	**	5	\$100	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%			2042	**	5	\$100	B
Raceway								
Conduit	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
ENGINE CO. 265/LADDER CO. 121 BATTALION 47/EMS STATION 47
Asset # : 4525

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								
Fused Disc Sw	5%			2038	**	5		B
Molded Case Bkrs	95%			2038	**	5	\$400	B
Wiring								
Thermoplastic	100%			2048	**	1		B
Motor Controllers								
Locally Mounted	100%			2035	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2035	**	1	\$5,100	B
Generators								
Diesel	100%			2031	**	1	\$6,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : One 80 Kva</i>								
Batteries								
Lead/Acid	100%			2016	\$600	5	\$600	B
Fuel Storage								
Day Tank	100%			2038	**	5	\$3,000	B
Lighting								
Interior Lighting								
Fluorescent	100%			2027	**	10	\$15,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-8 Lamps</i>								
Egress Lighting								
Emergency, Service	50%			2027	**	1		B
Exit, Service	50%			2027	**	1		B
Exterior Lighting								
HID	100%			2027	**	10	\$100	B
Lightning Protection								
Arresters/Cabling								
Generic	100%			2050	**	5	\$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	Priority Code
Heating								
Energy Source								
Natural Gas	100%			2048	**	1		B

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Estimates are rounded to the nearest hundred dollars.

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

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

FIRE DEPARTMENT - 057
ENGINE CO. 265/LADDER CO. 121 BATTALION 47/EMS STATION 47
Asset # : 4525

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								
Conversion Equipment								
Furnace	60%			2030	**	1	\$4,900	B
	<i>Other Observation, Extent : Light, Area Affected : 60%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 6 Roof Top Units</i>							
Hot Water Boiler	40%			2039	**	1	\$3,200	B
	<i>Other Observation, Extent : Light, Area Affected : 40%</i>							
	<i>Location : Boiler Room</i>							
	<i>Explanation : 1 Unit</i>							
Terminal Devices								
Unit Heater-Stm/HW	40%			2030	**	4	\$600	B
No Component	60%							D
Air Conditioning								
Energy Source								
Electricity	100%			2044	**	1		B
Conversion Equipment								
Int Pkg Unit - Cooling	20%			2026	**	2	\$200	B
Ext Pkg Unit - Heating/Cooling	60%			2030	**	2	\$600	B
	<i>Other Observation, Extent : Light, Area Affected : 60%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 6 Rtus</i>							
No Component	20%							D
Heat Rejection								
Air Condenser Unit	20%			2030	**	2	\$2,300	B
No Component	80%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$9,100	B
Exhaust Fans								
Roof	100%			2030	**	2	\$500	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2048	**	1		B
Water Heater								
Gas Fired	100%			2021	\$4,300	2	\$200	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2030	**	1	\$1,000	B
Fixtures								
Generic	100%							B

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

Print Date : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$2,272,800	\$197,200
Interior Architecture	\$226,600	
Electrical	\$502,100	\$373,400
Total	\$3,001,500	\$570,500
Priority A	\$2,272,800	\$197,200
Priority B	\$567,000	\$373,400
Priority C	\$161,800	
Total	\$3,001,500	\$570,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				
Interior Architecture	\$74,700		\$3,800	\$3,900
Electrical	\$18,000	\$4,200	\$4,700	\$8,100
Mechanical	\$17,800	\$14,100	\$10,100	\$13,500
Total	\$110,500	\$18,400	\$18,500	\$25,600
Priority A				
Priority B	\$41,400	\$18,400	\$14,700	\$21,700
Priority C	\$69,100		\$3,800	\$3,900
Total	\$110,500	\$18,400	\$18,500	\$25,600



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	\$155,800	LIFE	**	5	\$121,300	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	\$588,200	LIFE	**	5	\$30,300	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	\$159,300	2034	**	5	\$75,800	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	\$657,600	2049	**	5	\$6,900	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	\$711,900	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.

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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	\$16,300	2023	\$40,800	3	\$10,400	C
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Cast in Place Concrete	13%	Now	\$4,600	LIFE	**	5	\$13,200	C
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Slab Settlement At Front Entrance</i>							
Ceramic Tile	2%			2033	**	5	\$900	C
Vinyl Tile	50%			2029	**	3	\$8,700	C
Vinyl Tile	15%			2032	**	3	\$2,600	C
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Wood	5%			2059	**	5	\$4,300	C
Interior Walls								
Cast in Place Concrete	5%	Now	\$38,600	LIFE	**			C
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 3%</i>							
	<i>Location : First Floor</i>							
Ceramic Tile	5%	2-4	\$17,400	2033	**	5	\$1,500	C
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Concrete Masonry Unit	55%	2-4	\$123,200	LIFE	**	5	\$13,100	C
	<i>Diagonal Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Gypsum Board	25%	2-4	\$27,000	LIFE	**	5	\$8,900	C
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Masonry: Brick	5%			LIFE	**	10	\$900	C
Metal Panel	5%	2-4	\$2,800	LIFE	**			C
	<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Ceilings								
AcousTileConcealSpLn	5%	2-4	\$1,800	2029	**	5	\$1,400	B
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
AcousTileSusp.Lay-In	25%	2-4	\$3,800	2037	**	5	\$5,800	B
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Exposed Struc: Steel	70%			LIFE	**	10	\$64,800	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>							

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

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FIRE DEPARTMENT - 057
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	\$20,000	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		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	\$66,700	5	\$100	B
Fused Disc Sw	20%			2034	**	5		B
Molded Case Bkrs	5%			2054	**	5		B
Raceway								
Conduit	85%			2024	\$50,600	1		B
Conduit	10%			2034	**	1		B
Conduit	5%			2054	**	1		B
Panelboards								
Fused Disc Sw	10%			2023	\$6,700	5	\$100	B
Molded Case Bkrs	85%			2023	\$57,300	5	\$700	B
Molded Case Bkrs	5%			2049	**	5		B
Wiring								
Thermoplastic	10%			2034	**	1		B
Thermoplastic	85%			2024	\$51,500	1		B
Thermoplastic	5%			2054	**	1		B
Motor Controllers								
Locally Mounted	10%			2029	**	5		B
Motor Control Center	90%			2022	\$61,900	5	\$800	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$1,000	B
Stand-by Power								
Transfer Switches								
Automatic	50%			2022	\$5,200	1	\$5,100	B
Under Construction	50%							D
Generators								
Diesel	50%			2020	\$33,700	1	\$6,400	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

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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%			2015	\$300	5	\$600	B
Under Construction	50%							D
Fuel Storage								
Day Tank	100%			2023	\$2,600	5	\$5,700	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	\$4,300	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	\$85,400	10	\$15,600	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	\$8,500	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	\$13,700	10	\$100	B
Alarm								
Security System								
Generic	100%	Now	\$113,500	2034	**	1	\$11,100	B
<i>Devices Damaged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fire/Smoke Detection								
Generic	100%	Now	\$388,600	2034	**	1-3	\$18,600	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	\$9,600	B

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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	\$15,300	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	\$2,300	B
Terminal Devices								
Air Handler	70%			2032	**	1	\$13,400	B
Convactor/Radiator	30%			2029	**	1	\$3,000	B
Air Conditioning								
Energy Source								
Electricity	100%			2032	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	100%			2032	**	1	\$14,400	B
		<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Court Yard</i>						
Distribution								
Chilled Wtr Pipe/Pump	100%			2050	**	4	\$1,500	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2032	**	1	\$19,200	B
Heat Rejection								
Air Condenser Unit	100%			2032	**	2	\$21,600	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$27,300	B
Exhaust Fans								
Roof	100%			2024	\$27,900	2	\$1,000	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	**	1		B
Water Heater								
Electric	100%			2023	\$5,400	4	\$300	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	\$15,600	B
Sprinkler								
Generic	100%			2034	**	1-2	\$8,700	B

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

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

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

Print Date : 15-Nov-2013 **FIRE DEPARTMENT - FY 2014**

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 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$16,000			
Interior Architecture	\$29,600			
Electrical			\$100	
Mechanical				
Total	\$45,700		\$100	
Priority A	\$16,000			
Priority B	\$8,200		\$100	
Priority C	\$21,500			
Total	\$45,700		\$100	



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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority 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	\$6,600	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	\$25,200	A
Windows								
Aluminum	50%			2040	**	5	\$200	A
Metal Louvers	50%			2033	**	10	\$1,200	A
Parapets								
Not Accessible	100%							D
Roof								
Modified Bitumen	100%			2029	**	10	\$6,800	A
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	**	5	\$32,600	C
Interior Walls								
Cast in Place Concrete	20%			LIFE	**	10	\$3,200	C
Concrete Masonry Unit	80%			LIFE	**	5	\$4,000	C
Ceilings								
Exposed Concrete	100%			LIFE	**	5-10	\$9,300	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								
Raceway								
Conduit	100%			2034	**	1		B
Panelboards								
Molded Case Bkrs	100%			2032	**	5	\$100	B
Wiring								
Thermoplastic	100%			2034	**	1		B
Motor Controllers								
Locally Mounted	100%			2029	**	5		B
Lighting								
Interior Lighting								
Fluorescent	100%			2024	\$11,000	10	\$4,600	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	

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

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

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

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

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
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	\$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 : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$138,100
Interior Architecture	\$48,800	
Mechanical		\$136,300
Total	\$48,800	\$274,400
Priority A		\$138,100
Priority B	\$48,800	\$136,300
Total	\$48,800	\$274,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$60,700		\$3,500	
Interior Architecture	\$36,600		\$14,600	\$1,200
Electrical	\$4,300	\$3,400	\$4,200	\$3,400
Mechanical	\$16,400	\$6,100	\$7,100	\$5,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$122,000	\$13,500	\$33,300	\$13,900
Priority A	\$60,700		\$3,500	
Priority B	\$33,800	\$13,500	\$23,700	\$12,700
Priority C	\$27,500		\$6,100	\$1,200
Total	\$122,000	\$13,500	\$33,300	\$13,900



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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY CLASSROOM BLDG. #11
Asset # : 13552

Architecture		Current Repair		Future Replacement		Maintenance		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	\$57,400	A
Metal Panel	35%			2044	**	5-10	\$138,100	A
Window Wall	15%			2044	**	5	\$32,300	A
Windows								
Aluminum	100%			2040	**	5	\$10,900	A
Parapets								
Concrete Masonry Unit	95%			LIFE	**	5-10	\$33,400	A
Metal Rail	5%			2037	**	5-10	\$5,800	A
Roof								
IRMA/Protected Membrane	100%			2029	**	10	\$24,300	A
Interior								
Floors								
Carpet	5%			2023	\$14,300	3	\$3,700	C
Cast in Place Concrete	10%			LIFE	**	5	\$21,300	C
Ceramic Tile	5%			2033	**	5	\$2,400	C
Vinyl Tile	80%			2029	**	3	\$14,600	C
Interior Walls								
Concrete Masonry Unit	45%			LIFE	**	5	\$9,500	C
Gypsum Board	35%			LIFE	**	5-10	\$15,800	C
Masonry: Brick	13%			LIFE	**	10	\$1,000	C
Metal Panel	7%			LIFE	**	10	\$800	C
Ceilings								
AcousTileSusp.Lay-In	35%			2037	**	5	\$17,100	B
Exposed Struc: Steel	50%			LIFE	**	10	\$48,800	B
Metal Panel	15%			LIFE	**	5	\$18,300	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								
Molded Case Bkrs	100%			2044	**	5	\$900	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	\$900	B
Raceway								
Conduit	100%			2044	**	1		B
Panelboards								
Fused Disc Sw	10%			2040	**	5	\$100	B
Molded Case Bkrs	90%			2040	**	5	\$800	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	\$200	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$1,000	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	**	1	\$10,000	B
Lighting								
Interior Lighting								
Fluorescent	80%			2029	**	10	\$23,900	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	\$6,000	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	\$1,200	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	\$6,100	B
Fire/Smoke Detection								
Generic	100%			2029	**	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								
Fuel Oil No 2	100%			2044	**	5	\$10,100	B
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$16,100	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	\$2,400	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.

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** 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	
Heating								
Terminal Devices								
Air Handler	80%			2029	**	1	\$16,100	B
Convactor/Radiator	20%			2037	**	1	\$2,100	B
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	80%			2024	\$136,300	2	\$1,600	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	\$28,700	B
Exhaust Fans								
Roof	100%	Now	\$1,500	2024	\$29,300	2	\$800	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	\$11,500	1	\$1,000	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	\$2,000	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	\$9,100	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 : 15-Nov-2013 **FIRE DEPARTMENT - FY 2014**

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 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$56,000			
Interior Architecture	\$48,100			
Electrical				
Mechanical				
Total	\$104,100			\$100
Priority A	\$56,000			
Priority B	\$29,000			\$100
Priority C	\$19,100			
Total	\$104,100			\$100



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

FIRE DEPARTMENT - 057
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
Exterior								
Exterior Walls								
Masonry: Brick	90%	0-2	\$9,300	LIFE	**	5	\$2,800	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Penthouse</i>								
Metal Coiling Doors	10%	4+	\$1,900	2037	**	5	\$500	A
<i>Deformed/Dented, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	100%	Now	\$18,700	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	\$300	A
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Roof								
Skylight, Metal/Glass	3%	0-2	\$2,700	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	\$22,200	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	\$8,000	LIFE	**	5	\$11,600	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Concrete Masonry Unit	100%	4+	\$11,100	LIFE	**	5	\$2,400	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

\$29,000

LIFE

* *

5

\$600

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

\$11,200

5

\$100

B

Wiring

Thermoplastic

100%

2024

\$15,100

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 : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$42,800	
Total	\$42,800	
Priority A	\$42,800	
Total	\$42,800	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$27,100			
Interior Architecture	\$141,200			\$3,300
Electrical	\$6,700	\$200	\$300	\$300
Mechanical	\$7,500	\$1,000	\$1,300	\$700
Total	\$182,500	\$1,200	\$1,600	\$4,400
Priority A	\$27,100			
Priority B	\$61,800	\$1,200	\$1,600	\$1,100
Priority C	\$93,600			\$3,300
Total	\$182,500	\$1,200	\$1,600	\$4,400



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

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

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

FIRE DEPARTMENT - 057
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	\$42,800	LIFE	**	5	\$6,400	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Wood Overhead Doors	10%	Now	\$7,600	2037	**	5	\$1,800	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	\$8,600	2040	**	5	\$500	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	\$800	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	\$5,500	2032	**			A
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Carpet	50%	Now	\$35,900	2026	**	3	\$9,200	C
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	30%	2-4	\$5,600	LIFE	**	5	\$8,000	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%	2-4	\$1,300	2033	**	5	\$300	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	15%	Now	\$1,700	2029	**	3	\$700	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	\$2,000	2033	**	5	\$300	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Concrete Masonry Unit	60%	2-4	\$30,800	LIFE	**	5	\$3,300	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Gypsum Board	15%	2-4	\$3,700	LIFE	**	5	\$1,200	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	20%	2-4	\$12,500	LIFE	**			C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileSusp.Lay-In	60%	2-4	\$34,800	2044	**	5	\$2,600	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+	\$9,900	LIFE	**			B
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Gypsum Board	15%			LIFE	**	5-10	\$4,500	B
Electrical								
System Component Type		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%			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	\$19,800	5		B
Raceway								
Conduit	100%			2024	\$21,500	1		B
Panelboards								
Fused Disc Sw	10%			2023	\$1,100	5		B
Molded Case Bkrs	90%			2023	\$10,100	5	\$200	B
Wiring								
Thermoplastic	100%			2024	\$15,100	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	\$4,200	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2022	\$10,800	1	\$2,400	B
Lighting								
Interior Lighting								
Fluorescent	85%			2019	\$15,300	10	\$6,400	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	\$700	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	\$2,500	B
Conversion Equipment								
Hot Water Boiler	100%			2029	**	1	\$4,100	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	\$600	B
Terminal Devices								
Air Handler	20%			2024	\$10,000	1	\$1,000	B
Convactor/Radiator	70%			2029	**	1	\$1,900	B
Unit Heater-Stm/HW	10%			2024	\$6,000	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 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%			2032	* *	1	B
Conversion Equipment							
Window/Wall Unit	80%			2019	\$15,200	1	B
No Component	20%						D
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,200 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	\$4,100	2029	* *	4	\$1,300 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	\$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 : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 2015 - 2018	FY 2019 - 2024
Interior Architecture			\$38,200
Mechanical			\$106,600
Total			\$144,700
Priority B			\$106,600
Priority C			\$38,200
Total			\$144,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$14,100		\$2,200	
Interior Architecture	\$48,200	\$1,400	\$500	\$800
Electrical	\$400	\$300	\$400	\$300
Mechanical	\$4,900	\$900	\$1,500	\$900
Total	\$67,600	\$2,600	\$4,600	\$2,000
Priority A	\$14,100		\$2,200	
Priority B	\$17,700	\$2,600	\$1,900	\$1,200
Priority C	\$35,800		\$500	\$800
Total	\$67,600	\$2,600	\$4,600	\$2,000



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

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

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

FIRE DEPARTMENT - 057
FIRE ACADEMY 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	\$11,700	A
Masonry: Brick	7%			LIFE	**	5	\$1,100	A
Metal Coiling Doors	15%			2037	**	5	\$3,700	A
Metal Coiling Doors	3%			2037	**	5	\$700	A
Windows								
Aluminum	80%			2040	**	5	\$800	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	**	5-10	\$5,000	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	\$1,100	A
Pre-Cast Concrete	2%			LIFE	**	5	\$200	A
Roof								
Built-Up (BUR)	30%			2029	**	10	\$2,500	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	\$5,900	A
Interior								
Floors								
Cast in Place Concrete	50%	2-4	\$10,200	LIFE	**	5	\$14,700	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	10%			LIFE	**	5	\$5,900	C
Ceramic Tile	5%			2033	**	5	\$700	C
Quarry Tile	5%			2037	**	5	\$1,000	C
Vinyl Tile	30%	2-4	\$3,800	2024	\$38,200	3	\$1,500	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Concrete Masonry Unit	35%			LIFE	**	5	\$4,200	C
Concrete Masonry Unit	10%			LIFE	**	5	\$1,200	C
Gypsum Board	15%			LIFE	**	5-10	\$3,800	C
SGFT/Glazed Masonry	40%	Now	\$13,700	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	\$2,900	B
AcousTileSusp.Lay-In	10%	2-4	\$600	2037	**	5	\$500	B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Steel	40%			LIFE	**	10	\$7,700	B
Exposed Struc: Steel	10%			LIFE	**	10	\$1,900	B
Gypsum Board	10%			LIFE	**	5-10	\$3,300	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%			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	\$200	B
Raceway								
Conduit	100%			2034	**	1		B
Panelboards								
Fused Disc Sw	10%			2032	**	5		B
Molded Case Bkrs	90%			2032	**	5	\$200	B
Wiring								
Thermoplastic	100%			2034	**	1		B
Motor Controllers								
Locally Mounted	100%			2029	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2029	**	1	\$2,700	B
Lighting								
Interior Lighting								
Fluorescent	5%			2029	**	10	\$400	B
<i>T-5 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Stairway Lobby</i>								
Fluorescent	65%			2024		10	\$5,300	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	\$2,500	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	

Lighting

Egress Lighting								
Emergency, Service	40%			2024	\$600	1		B
Emergency, Battery	20%			2024	\$700	10	\$400	B
Exit, Service	40%			2024	\$600	1		B
Exterior Lighting								
HID	100%			2024	\$500	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%			2034	**	5	\$2,800	B
Conversion Equipment								
Hot Water Boiler	100%			2029	**	1	\$4,400	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	\$400	B
			<i>Not in Service, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Circulation Pump</i>					
Terminal Devices								
Convactor/Radiator	30%			2022	\$28,800	1	\$900	B
Fan Coil Unit/Heat	70%			2019	\$106,600	1	\$2,000	B

Air Conditioning

Energy Source								
Electricity	100%			2032	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	20%	Now	\$200	2024	\$9,400	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	\$4,700			B
Window/Wall Unit	40%			2019	\$8,400	1		B
No Component	30%							D
Terminal Devices								
Fan Coil - Cooling	10%			2024	\$5,500	1	\$300	B
No Component	90%							D

Ventilation

Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,900	B

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

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

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

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%			2024	\$8,100	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	\$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 : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$24,200		\$1,900	
Interior Architecture	\$28,600		\$400	
Electrical	\$200	\$200	\$100	\$100
Mechanical	\$2,000	\$500	\$900	\$400
Total	\$55,000	\$700	\$3,400	\$500
Priority A	\$24,200		\$1,900	
Priority B	\$14,800	\$700	\$1,400	\$500
Priority C	\$16,000		\$100	
Total	\$55,000	\$700	\$3,400	\$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 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	\$6,200	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	\$13,200	A
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	10%			2037	**	5	\$3,900	A
Windows								
Metal Louvers	100%			2033	**	10	\$2,100	A
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5-10	\$6,900	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	**	5-10	\$11,900	A
Roof								
Built-Up (BUR)	80%			2029	**	10	\$10,600	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	\$2,600	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	\$27,700	C
Vinyl Tile	10%			2029	**	3	\$300	C
Interior Walls								
Concrete Masonry Unit	92%			LIFE	**	5	\$3,900	C
Concrete Masonry Unit	8%			LIFE	**	5	\$300	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	\$700	B
Exposed Struc: Steel	90%			LIFE	**	10	\$12,700	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	\$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 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	\$1,500	B
Lighting								
Interior Lighting								
Fluorescent	95%			2032	**	10	\$4,100	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	\$200	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	\$1,500	B
Conversion Equipment								
Hot Water Boiler	100%			2037	**	1	\$2,300	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	\$300	B
Terminal Devices								
Air Handler	40%			2029	**	1	\$1,200	B
Convactor/Radiator	20%			2037	**	1	\$300	B
Unit Heater-Stm/HW	40%			2029	**	4	\$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

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	\$4,200
Exhaust Fans							
Roof	100%			2029	**	2	\$100
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2044	**	1	
Water Heater							
Electric	100%			2022	\$800	4	
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Backflow Preventer							
No Component	90%						D
Generic	10%			2029	**	1	
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
		<i>Location : Boiler Room</i>					
		<i>Explanation : For Boiler Only</i>					
Fixtures							
Generic	100%						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 : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$319,900
Interior Architecture	\$160,300	\$101,800
Total	\$160,300	\$421,700
Priority A		\$319,900
Priority B	\$125,000	
Priority C	\$35,300	\$101,800
Total	\$160,300	\$421,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$47,000		\$13,200	\$7,300
Interior Architecture	\$29,000			\$400
Electrical	\$4,000	\$3,500	\$4,300	\$3,500
Mechanical	\$200	\$300	\$300	\$200
Total	\$80,200	\$3,900	\$17,800	\$11,400
Priority A	\$47,000		\$13,200	\$7,300
Priority B	\$8,300	\$3,900	\$4,600	\$3,700
Priority C	\$24,900			\$400
Total	\$80,200	\$3,900	\$17,800	\$11,400



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

Maintenance \$ are aggregated over a ten-year period. 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	\$37,700	A
Metal Panel	50%			2044	**	5-10	\$216,100	A
Metal Sect. OHD	10%			2037	**	5	\$19,600	A
Window Wall	10%			2044	**	5	\$23,600	A
Windows								
Aluminum	100%			2040	**	5	\$9,500	A
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5-10	\$17,400	A
Masonry: Brick	30%			LIFE	**	5-10	\$12,600	A
Metal Rail	5%			2037	**	5-10	\$5,500	A
No Component	55%							D
Roof								
Metal Panel	80%			2041	**	10	\$64,600	A
Roll Roofing	20%			2023		5	\$14,700	A
Interior								
Floors								
Cast in Place Concrete	93%	2-4	\$35,300	LIFE	**	5	\$101,800	C
								<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>
								<i>Location : Throughout</i>
Ceramic Tile	7%	2-4	\$3,900	2033	**	5	\$1,800	C
								<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>
								<i>Location : Throughout</i>
Interior Walls								
Ceramic Tile	2%			2033	**	5	\$800	C
Concrete Masonry Unit	75%			LIFE	**	5	\$23,400	C
Gypsum Board	5%			LIFE	**	5-10	\$3,300	C
Masonry: Brick	12%			LIFE	**	10	\$1,400	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	\$11,700	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	**	10	\$125,000	B
Metal Panel	5%			LIFE	**	5	\$8,200	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

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

Maintenance \$ are aggregated over a ten-year period. 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>							
<hr/>								
Transformers								
Dry Type	100%			2037	**	5	\$100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 30 Kva 480/277hv-208lv</i>							
<hr/>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	**	5	\$900	B
<hr/>								
Raceway								
Conduit	100%			2044	**	1		B
<hr/>								
Panelboards								
Fused Disc Sw	10%			2040	**	5	\$100	B
Molded Case Bkrs	90%			2040	**	5	\$800	B
<hr/>								
Motor Controllers								
Locally Mounted	100%			2037	**	5	\$200	B
<hr/>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	**	1	\$10,300	B
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	90%			2029	**	10	\$27,600	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : T-8 Lamps</i>							
<hr/>								
HID	10%			2029	**	10	\$100	B
<hr/>								
Egress Lighting								
Emergency, Service	65%			2029	**	1		B
Exit, LED	35%			2039	**	1		B
<hr/>								
Exterior Lighting								
HID	100%			2029	**	10	\$100	B
<hr/>								
Alarm								
Security System								
No Component	50%							D
Generic	50%			2029	**	1	\$6,300	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Security Room</i>							
	<i>Explanation : Premium System</i>							
<hr/>								
Fire/Smoke Detection								
Generic	100%			2029	**	1-3	\$20,600	B

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Estimates are rounded to the nearest hundred dollars.

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

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							
Energy Source							
HTHW/HW	20%			2044	**	1	
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
	<i>Location : 1st Floor</i>						
	<i>Explanation : Hot Water Is Supplied From Adjacent Building #11</i>						
No Component	80%						D
Distribution							
Hot Wtr Piping/Pump	20%			2040	**	4	\$500
	<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	\$1,600
	<i>Other Observation, Extent : Light, Area Affected : 15%</i>						
	<i>Location : Ground Level</i>						
	<i>Explanation : Radiant Heating Pipes In Floor</i>						
Unit Heater-Stm/HW	5%			2029	**	4	\$200
No Component	80%						D
Ventilation							
Exhaust Fans							
Roof	20%			2029	**	2	\$200
No Component	80%						D
Plumbing							
H/C Water Piping							
Brass/Copper	20%			2044	**	1	
No Component	80%						D
Water Heater							
Electric	20%			2022		4	\$1,200
No Component	80%						D
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	

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

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

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

Print Date : 15-Nov-2013 **FIRE DEPARTMENT - FY 2014**

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 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$14,000			
Interior Architecture	\$28,800			
Electrical				\$100
Mechanical	\$10,300	\$200	\$200	\$200
Total	\$53,200	\$200	\$200	\$300
Priority A	\$14,000			
Priority B	\$19,800	\$200	\$200	\$300
Priority C	\$19,400			
Total	\$53,200	\$200	\$200	\$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 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	\$5,000	A
Masonry: Brick	50%	2-4	\$8,400	LIFE	**	5	\$2,500	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	100%	2-4	\$1,500	2046	**	5	\$300	A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast in Place Concrete	25%			LIFE	**	5	\$1,200	A
Cast in Place Concrete	20%	4+	\$300	LIFE	**	5	\$500	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	25%			LIFE	**	5-10	\$400	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	\$100	A
Traffic Topping	98%			2032	**	10	\$3,500	A
Interior								
Floors								
Cast in Place Concrete	95%	2-4	\$5,000	LIFE	**	5	\$14,300	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	\$14,500	LIFE	**	5	\$3,100	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
Exposed Concrete	100%	4+	\$9,400	LIFE	**	5	\$800	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	\$21,500	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	
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2023	\$11,200	5	\$100	B
Wiring								
Thermoplastic	100%			2024	\$15,100	1		B
Motor Controllers								
Locally Mounted	100%			2022	\$4,200	5		B
Lighting								
Interior Lighting								
Fluorescent	20%			2029	**	10	\$800	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	\$3,400	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	
Heating								
Energy Source								
Electricity	20%			2044	**	1		B
No Component	80%							D
Conversion Equipment								
Radiant Heater	20%			2024	\$4,600	2	\$400	B
No Component	80%							D
Ventilation								
Exhaust Fans								
Wall Unit	100%			2024	\$7,900	2	\$100	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	\$10,300	2034	**	4	\$1,300	B
			<i>Not in Service, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
Fire Suppression								
Standpipe								
Generic	100%			2044	**	1-5	\$2,300	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 : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$65,800	\$80,800
Total	\$65,800	\$80,800
Priority A	\$65,800	\$80,800
Total	\$65,800	\$80,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$16,300	\$3,400		
Interior Architecture	\$60,500	\$500		\$1,400
Electrical	\$1,900	\$1,500	\$1,900	\$2,300
Mechanical	\$7,900	\$1,400	\$2,200	\$1,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$90,500	\$10,700	\$8,100	\$8,700
Priority A	\$16,300	\$3,400		
Priority B	\$45,500	\$7,300	\$8,100	\$7,300
Priority C	\$28,800			\$1,400
Total	\$90,500	\$10,700	\$8,100	\$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
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	\$65,800	LIFE	**	5	\$19,700	A
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Masonry: Brick	20%			LIFE	**	5	\$17,500	A
Metal Sect. OHD	30%			2029	**	5	\$41,000	A
Metal Sect. OHD	5%			2041	**	5	\$6,800	A
Windows								
Aluminum	90%			2040	**	5	\$600	A
Aluminum	10%			2040	**	5	\$100	A
Parapets								
Pre-Cast Concrete	10%			LIFE	**	5	\$3,000	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	\$4,000	2020	\$80,800	5	\$15,100	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	\$5,900	LIFE	**	5	\$16,900	C
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Cast in Place Concrete	20%			LIFE	**	5	\$16,900	C
Ceramic Tile	5%			2033	**	5	\$1,000	C
Vinyl Tile	35%	Now	\$12,800	2029	**	3	\$2,500	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	\$1,500	C
Concrete Masonry Unit	20%			LIFE	**	5	\$500	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	
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%	0-2	\$400	2029	**	5	\$1,500	B
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Room 202</i>								
AcousTileSusp.Lay-In	5%			2041	**	5	\$1,000	B
Exposed Struc: Steel	50%			LIFE	**	10	\$19,400	B
Exposed Struc: Steel	20%			LIFE	**	10	\$7,700	B
Gypsum Board	10%			LIFE	**	5-10	\$6,700	B
Electrical								
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	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	\$9,900	5		B
Fused Disc Sw	50%			2044	**	5		B
Raceway								
Conduit	80%			2024	\$17,200	1		B
Conduit	20%			2044	**	1		B
Panelboards								
Fused Disc Sw	10%			2023	\$1,100	5		B
Molded Case Bkrs	80%			2023	\$9,000	5	\$300	B
Molded Case Bkrs	10%			2040	**	5		B
Wiring								
Thermoplastic	80%			2024	\$12,000	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	\$400	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2037	**	1	\$3,700	B

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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	\$4,700	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	\$400	B
Fuel Storage								
Main Tank	100%			2052	**	5	\$400	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	\$4,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Offices</i>								
<i>Explanation : T-8 Lamps</i>								
HID	65%			2024	\$5,200	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	\$7,500	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%			2034	**	5	\$4,000	B
Conversion Equipment								
Furnace	20%			2024	\$3,600	1	\$1,300	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	\$5,100	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	\$1,000	B

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

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Terminal Devices								
Convector/Radiator	50%			2029	**	1	\$2,100	B
Unit Heater-Stm/HW	50%			2029	**	4	\$600	B
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	20%	Now	\$2,700	2024	\$13,500	2	\$100	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	\$11,400	B
Exhaust Fans								
Roof	85%			2024	\$9,900	2	\$300	B
Wall Unit	15%			2024	\$3,300	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	**	1		B
Water Heater								
Electric	50%			2019	\$1,100	4	\$100	B
Electric	50%			2023	\$1,100	4	\$100	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	\$700	B

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Print Date : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$156,200	
Interior Architecture	\$33,300	
Electrical		\$717,900
Mechanical	\$36,100	\$184,300
Total	\$225,600	\$902,200
Priority A	\$156,200	
Priority B	\$36,100	\$902,200
Priority C	\$33,300	
Total	\$225,600	\$902,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$47,500	\$6,300	\$3,300	
Interior Architecture	\$27,900	\$3,800	\$900	\$12,700
Electrical	\$15,600	\$4,900	\$4,600	\$4,100
Mechanical	\$42,200	\$7,100	\$6,700	\$13,200
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$137,200	\$26,100	\$19,400	\$33,900
Priority A	\$47,500	\$6,300	\$3,300	
Priority B	\$61,800	\$16,900	\$15,200	\$31,500
Priority C	\$27,900	\$2,900	\$900	\$2,400
Total	\$137,200	\$26,100	\$19,400	\$33,900



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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	\$7,700	LIFE	**	5	\$6,000	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	\$34,900	A
Metal Sect. OHD	10%			2036	**	5	\$12,500	A
Windows								
Aluminum	95%	Now	\$24,100	2031	**	5	\$5,000	A
	<i>Crwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
Steel	5%			2022	\$30,800	5	\$6,600	A
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Stairs</i>							
Parapets								
Masonry: Brick	95%			LIFE	**	5	\$3,900	A
Pre-Cast Concrete	5%			LIFE	**	5	\$1,300	A
Roof								
Asphalt Shingle	2%			2026	**	10	\$100	A
Modified Bitumen	98%	Now	\$15,600	2018	\$156,200			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	\$20,600	3	\$5,300	C
Cast in Place Concrete	25%	Now	\$26,600	LIFE	**	5	\$19,200	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	\$1,800	C
Terrazzo	2%			LIFE	**	5	\$500	C
Vinyl Tile	10%			2018	\$33,300	3	\$1,800	C
Vinyl Tile	26%			2028	**	3	\$3,400	C
Vinyl Tile	20%			2033	**	3	\$3,500	C
	<i>Recent Construction, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 2nd Floor</i>							
Wood	2%			2063	**	5	\$1,300	C
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 2nd Floor</i>							

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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	\$900	C
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
Concrete Masonry Unit	10%			LIFE	**	5	\$1,800	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	\$5,300	C
<i>Recent Construction, Extent : Light, Area Affected : 40%</i>								
<i>Location : 2nd Floor</i>								
Plaster	48%			LIFE	**	5	\$6,300	C
SGFT/Glazed Masonry	20%			LIFE	**			C
Ceilings								
AcousTileConcealSpLn	35%			2028	**	5	\$15,300	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	\$1,800	B
AcousTileSusp.Lay-In	15%			2043	**	5	\$5,300	B
<i>Recent Construction, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
Exposed Concrete	20%			LIFE	**	5	\$1,100	B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Stair 3 At Cellar</i>								
Plaster	25%			LIFE	**	5	\$5,500	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	\$15,900	5	\$700	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	\$74,100	5	\$700	B
Raceway								
Conduit	20%			2033	**	1		B
Conduit	80%			2023	\$32,500	1		B

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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	
Under 600 Volts								
Panelboards								
Molded Case Bkrs	80%			2022	\$35,900	5	\$600	B
Molded Case Bkrs	20%			2031	* *	5	\$100	B
Wiring								
Thermoplastic	20%			2033	* *	1		B
Thermoplastic	80%			2023	\$33,400	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$55,000	5	\$200	B
Ground								
Grounding Devices								
Generic	100%	0-2	\$900	LIFE	* *	5	\$400	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	\$10,500	1	\$8,200	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	\$67,300	1	\$10,300	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	\$1,000	B
Fuel Storage								
Day Tank	20%			2022	\$400	5	\$900	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	\$600	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Underground</i>								
<i>Explanation : 1,000 Gallon</i>								
Lighting								

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

Electrical		Current Repair		Future Replacement		Maintenance		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	\$35,300	10	\$6,500	B
	<i>T-12 Lamps, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Fluorescent	8%	Now	\$9,400	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	\$70,600	10	\$12,900	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	\$1,900	2033	**	1		B
	<i>Not Functioning, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Exterior Lighting								
HID	100%			2023	\$11,100	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	\$313,800	1-3	\$16,500	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								
Natural Gas	100%			2043	**	1		B
Conversion Equipment								
Hot Water Boiler	85%			2036	**	1	\$9,900	B
Hot Water Boiler	15%			2043	**	1	\$1,700	B
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 2nd Floor Division 1</i>							

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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	\$1,500	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>								
<hr/>								
Terminal Devices								
Convector/Radiator	75%			2028	**	1	\$5,700	B
Convector/Radiator	15%			2043	**	1	\$1,100	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Division I</i>								
<hr/>								
Fan Coil Unit/Heat	10%			2023	\$39,800	1	\$800	B
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		B
<hr/>								
Conversion Equipment								
Reciprocating Compr/Chiller	75%	2-4	\$20,300	2023	\$67,700	1	\$7,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Roof</i>								
<i>Explanation : Aged Equipment / Chiller Jackets Off And Missing</i>								
<hr/>								
Window/Wall Unit	5%			2021	\$2,700	1		B
No Component	20%							D
<hr/>								
Distribution								
Chilled Wtr Pipe/Pump	100%	Now	\$5,200	2033	**	4	\$1,200	B
<i>Insul. Deteriorating, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Mechanical Room On Roof</i>								
<hr/>								
Terminal Devices								
Air Handler/Cool/Ht	85%			2023	\$76,800	1	\$12,300	B
Fan Coil - Cooling	15%			2033	**	1	\$1,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Division I</i>								
<i>Explanation : New Installation</i>								
<hr/>								
Heat Rejection								
Air Condenser Unit	85%			2018	\$36,100	2	\$13,900	B
Evap Condenser	15%			2033	**	2	\$2,500	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lower Roof</i>								
<hr/>								
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$11,500	LIFE	**	2-5	\$13,100	B
<i>Insul. Deteriorating, Extent : Severe, Area Affected : 20%</i>								
<i>Location : 2nd Floor, Kitchen</i>								
<hr/>								
Exhaust Fans								
Interior	25%			2023	\$7,300	2	\$200	B
Roof	75%			2023	\$15,900	2	\$500	B
<hr/>								
Plumbing								

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

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

FIRE DEPARTMENT - 057
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	Priority Code
Plumbing								
H/C Water Piping Brass/Copper	100%			2043	* *	1		B
Water Heater Gas Fired	100%			2018	\$6,200	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	\$10,300	4	\$2,000	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	\$1,300	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 : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 : 02-Jul-2010 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 254 **Lot** : 1 **BIN** : 4003451

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture		\$558,400
Interior Architecture	\$1,077,400	\$374,700
Electrical		\$84,000
Mechanical	\$106,800	\$208,900
Total	\$1,184,100	\$1,225,900
Priority A		\$558,400
Priority B	\$145,800	\$292,800
Priority C	\$1,038,300	\$374,700
Total	\$1,184,100	\$1,225,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$4,500	\$29,100		
Interior Architecture	\$5,700		\$2,900	
Electrical	\$25,500	\$63,000	\$25,500	\$25,500
Mechanical	\$1,100	\$1,000	\$13,500	\$700
Total	\$36,800	\$93,000	\$41,900	\$26,200
Priority A	\$4,500	\$29,100		
Priority B	\$26,500	\$63,900	\$39,000	\$26,200
Priority C	\$5,700		\$2,900	
Total	\$36,800	\$93,000	\$41,900	\$26,200



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

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

FIRE DEPARTMENT - 057
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	Priority Code
Exterior								
Exterior Walls								
Cast in Place Concrete	65%			LIFE	**	5	\$163,700	A
			<i>Recent Repair Evident, Extent : Light, Area Affected : 65%</i>					
			<i>Location : Throughout</i>					
Metal Panel	25%			2051	**	5-10	\$86,600	A
			<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Metal Coiling Doors	5%			2041	**	5	\$7,900	A
			<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Wood Overhead Doors	5%	2-4	\$4,500	2026	**	5	\$6,300	A
			<i>Deteriorated Finish, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Windows								
Aluminum	100%			2046	**	5	\$3,000	A
			<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Parapets								
Cast in Place Concrete	100%			LIFE	**	5	\$93,600	A
			<i>Recent Repair Evident, Extent : Light, Area Affected : 65%</i>					
			<i>Location : Throughout</i>					
Roof								
Modified Bitumen	90%			2031	**	10	\$173,800	A
			<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Skylight, Metal/Glass	10%			2041	**	10	\$64,400	A
Interior								
Floors								
Cast in Place Concrete	75%	Now	\$1,038,300	LIFE	**	5	\$374,700	C
			<i>Cracking/Crumbling, Extent : Severe, Area Affected : 80%</i>					
			<i>Location : Ramp From 35th Street</i>					
			<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 60%</i>					
			<i>Location : Ramp From 35th Street</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>					
			<i>Location : Ramp From 35 Street</i>					
			<i>Explanation : Supported From Below By Temporary Structure</i>					
Ceramic Tile	5%			2030	**	5	\$11,400	C
Terrazzo	10%			LIFE	**	5	\$17,800	C
Vinyl Tile	10%			2026	**	3	\$8,600	C
Interior Walls								
Cast in Place Concrete	35%			LIFE	**			C
Concrete Masonry Unit	15%			LIFE	**	5	\$1,300	C
Gypsum Board	5%			LIFE	**	5	\$700	C
Plaster	25%			LIFE	**	5	\$1,600	C
SGFT/Glazed Masonry	20%			LIFE	**			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
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	Priority Code

Interior

Ceilings

AcousTileSusp.Lay-In	10%			2034	**	5	\$22,800	B
Exposed Concrete	20%			LIFE	**	5	\$7,100	B
Exposed Struc: Steel	60%			LIFE	**			B
Plaster	10%	Now	\$39,000	LIFE	**	5	\$14,300	B

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

Location : Mens Room

Water Penetration, Extent : Moderate, Area Affected : 5%

Location : Mens Room

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%			2051	**	5	\$800	B
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : Two 3000 Amps Main Disconnect Switch

Switchgear / Switchboard

Molded Case Bkrs	100%			2051	**	5	\$4,500	B
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Raceway

Conduit	100%			2051	**	1		B
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Panelboards

Molded Case Bkrs	100%			2046	**	5	\$4,500	B
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Wiring

Thermoplastic	100%			2051	**	1		B
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Motor Controllers

Locally Mounted	100%			2041	**	5	\$1,100	B
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Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$2,500	B
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Stand-by Power

Transfer Switches

Automatic	100%			2041	**	1	\$51,800	B
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Generators

Diesel	100%			2036	**	1	\$65,000	B
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Generator Room

Explanation : One 750 Kva

Batteries

Lead/Acid	100%			2016	\$600	5	\$6,200	B
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Fuel Storage

Day Tank	100%			2046	**	5	\$28,300	B
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Lighting

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

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FIRE DEPARTMENT - 057
MAINTENANCE GARAGE LIC
Asset # : 2010

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Interior Lighting Fluorescent	60%			2031	**	10	\$84,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-8 Lamps</i>								
HID	40%			2031	**	10	\$2,000	B
Egress Lighting								
Emergency, Battery	30%			2026	**	10	\$11,100	B
Exit, Service	70%			2026	**	1		B
Exterior Lighting								
HID	100%			2031	**	10	\$500	B
Alarm								
Security System								
No Component	30%							D
Generic	70%			2031	**	1	\$43,900	B
Fire/Smoke Detection								
Generic	100%			2031	**	1-3	\$103,500	B
Mechanical		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 Interruptible Gas/Dual Fuel	100%			2041	**	1		B
Conversion Equipment Not Accessible	100%							D
Distribution Not Accessible	100%							D
Terminal Devices								
Air Handler	60%			2026	**	1	\$600	B
Convactor/Radiator	40%			2026	**	1	\$200	B
Air Conditioning								
Energy Source Electricity	100%			2029	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	5%			2026	**	2	\$500	B
Window/Wall Unit	30%			2016	\$106,800	1		B
No Component	65%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$85,100	B
Exhaust Fans								
Interior	5%			2026	**	2	\$200	B
Roof	95%			2021	\$130,800	2	\$4,500	B
Plumbing								

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FIRE DEPARTMENT - 057
MAINTENANCE GARAGE LIC
Asset # : 2010

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								
H/C Water Piping Brass/Copper	100%			2031	* *	1		B
Water Heater Gas Fired	100%			2020	\$40,300	2	\$2,300	B
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s) Rigid Piping	100%			2021	\$10,300	4	\$1,300	B
Fire Suppression								
Standpipe Generic	100%			2031	* *	1-5	\$800	B
Sprinkler Generic	100%			2031	* *	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.

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

Print Date : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture			\$39,800
Total			\$39,800
Priority	A		\$39,800
Total			\$39,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$30,900	\$11,000		
Interior Architecture	\$42,700	\$10,700	\$1,400	
Electrical	\$1,200	\$1,100	\$1,000	\$1,000
Mechanical	\$3,700	\$1,000	\$1,300	\$1,700
Total	\$78,400	\$23,800	\$3,600	\$2,700
Priority	A	\$30,900	\$11,000	
Priority	B	\$27,200	\$2,800	\$2,700
Priority	C	\$20,300	\$9,900	\$1,400
Total	\$78,400	\$23,800	\$3,600	\$2,700



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

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

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	\$10,000	A
Masonry: Granite	45%			LIFE	**	5	\$13,400	A
Metal Panel	40%			2050	**	5-10	\$54,700	A
Metal Sect. OHD	5%			2041	**	5	\$3,100	A
Window Wall	5%			2050	**	5	\$3,700	A
Windows								
Aluminum	100%	Now	\$2,400	2046	**	5	\$500	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	\$23,000	A
Metal: Cage/Fence	10%			2041	**	5-10	\$1,100	A
Roof								
Built-Up (BUR)	45%			2032	**	10	\$3,000	A
Built-Up (BUR)	55%			2032	**	10	\$3,700	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	\$3,200	C
Ceramic Tile	5%			2037	**	5	\$700	C
Panel/Paver: Cer/Brk	60%			2046	**	5	\$19,900	C
Sheet Vinyl/Rubber	5%			2032	**	5	\$1,100	C
Vinyl Tile	25%			2032	**	3	\$1,400	C
Interior Walls								
Glazed Ceramic Panel	15%			LIFE	**	10	\$2,100	C
Gypsum Board	80%			LIFE	**	5-10	\$20,900	C
Wood	5%			LIFE	**	5	\$6,100	C
Ceilings								
AcousTileSusp.Lay-In	10%			2041	**	5	\$1,500	B
Exposed Struc: Steel	5%			LIFE	**	10	\$1,500	B
Gypsum Board	45%			LIFE	**	5-10	\$22,800	B
Plaster	40%			LIFE	**	5-10	\$10,100	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	

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	Priority Code
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		B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2044	**	1	\$2,000	B
Generators								
Diesel	100%			2039	**	1	\$2,500	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : One 450 Kw</i>						

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Estimates are rounded to the nearest hundred dollars.

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

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

FIRE DEPARTMENT - 057
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	\$200	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	\$5,400	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	\$600	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	\$1,200	B
Fire/Smoke Detection								
Generic	100%			2034	**	1-3	\$4,000	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	\$200	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	Priority Code
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2034	**	2	\$400	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	\$5,800	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	\$400	B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
Generic	100%			2054	**	1-2	\$1,800	B
Chemical System								
No Component	80%							D
Generic	10%			2024	\$2,400	1-3	\$4,500	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	\$2,400	1-3	\$4,500	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 : 15-Nov-2013 **FIRE DEPARTMENT - FY 2014**

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture			\$63,000
Interior Architecture			\$44,400
Total			\$107,400
Priority A			\$63,000
Priority C			\$44,400
Total			\$107,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture			\$29,900	
Interior Architecture			\$5,200	
Electrical	\$600	\$600	\$600	\$600
Mechanical	\$1,400	\$2,000	\$5,900	\$2,500
Total	\$2,000	\$2,600	\$41,600	\$3,100
Priority A			\$29,900	
Priority B	\$2,000	\$2,600	\$7,600	\$3,100
Priority C			\$4,000	
Total	\$2,000	\$2,600	\$41,600	\$3,100



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

FIRE DEPARTMENT - 057
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	\$2,800	A
Masonry: Brick	40%			LIFE	**	5	\$11,200	A
Metal/Glass Curt Wall	3%			LIFE	**	5	\$1,600	A
Metal Panel	45%			2052	**	5-10	\$86,700	A
Metal Coiling Doors	10%			2042	**	5	\$8,800	A
Windows								
Aluminum	100%			2047	**	5	\$1,000	A
Parapets								
Metal Rail	10%			2042	**	5-10	\$3,600	A
No Component	90%							D
Roof								
IRMA/Protected Membrane	20%			2032	**	10	\$4,300	A
Metal, Corrugated	60%			2042	**	1		A
Plaza Roof: Stone Panels	10%			2052	**			A
Skylight, Metal/Glass	10%			2052	**	10	\$7,100	A
Interior								
Floors								
Cast in Place Concrete	85%			LIFE	**	5	\$44,400	C
Ceramic Tile	3%			2037	**	5	\$700	C
Sheet Vinyl/Rubber	2%			2032	**	5	\$700	C
Wood	10%			2062	**	5	\$4,500	C
Interior Walls								
Ceramic Tile	5%			2037	**	5	\$2,200	C
Concrete Masonry Unit	20%			LIFE	**	5	\$3,500	C
Glass: Single Pane	5%			LIFE	**	5	\$1,600	C
Gypsum Board	20%			LIFE	**	5	\$5,300	C
Masonry: Brick	5%			LIFE	**			C
Metal Panel	40%			LIFE	**			C
Wood	5%			LIFE	**	5	\$8,800	C
Ceilings								
AcousTileSusp.Lay-In	10%			2042	**	5	\$2,300	B
Exposed Struc: Steel	70%			LIFE	**			B
Gypsum Board	5%			LIFE	**	5	\$1,400	B
Metal Panel	15%			LIFE	**	5	\$4,300	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	\$400	B
Wiring								
Thermoplastic	100%			2048	**	1		B
Motor Controllers								
Locally Mounted	100%			2039	**	5	\$100	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	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	\$4,900	B
Generators								
Not Accessible	100%							D
Batteries								
Not Accessible	100%							D
Fuel Storage								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	100%			2030	**	10	\$14,600	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	\$1,000	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)		Estimated Cost
Heating								
Conversion Equipment								
Furnace	50%			2030	**	1	\$4,000	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	\$4,000	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	\$4,400	B
Hot Wtr Piping/Pump	50%			2044	**	4	\$600	B
Terminal Devices								
Fan Coil Unit/Heat	50%			2030	**	1	\$2,600	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	\$500	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	\$10,400	B
No Component	50%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,900	B
Exhaust Fans								
Roof	100%			2030	**	2	\$500	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2048	**	1		B
Water Heater								
Gas Fired	100%			2021	\$4,200	2	\$200	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

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

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

FIRE DEPARTMENT - 057
RESCUE 3
Asset # : 14463

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	\$1,300	B
Backflow Preventer								
No Component	50%							D
Generic	50%			2030	* *	1	\$500	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	\$4,000	B

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

Print Date : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

Asset Name : SUPPORT SERVICES BUILDING
Address : 55-30 58TH STREET, MASPETH
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : FIR0015.000 / 4437 **Yr Built/Renovated** : 1956 / 2010
Area Sq Ft : 103,000 **Project Type** : FIRE DEPARTMENT
Date of Survey : 02-Jul-2010 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 2573 **Lot** : 124 **BIN** : 4058923

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$4,622,100	\$673,800
Interior Architecture	\$1,673,000	\$219,300
Electrical	\$804,200	\$1,500,800
Mechanical	\$340,600	\$1,288,700
Total	\$7,439,900	\$3,682,500
Priority A	\$4,622,100	\$673,800
Priority B	\$1,340,800	\$2,789,400
Priority C	\$1,477,100	\$219,300
Total	\$7,439,900	\$3,682,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture		\$22,300		
Interior Architecture	\$2,900			\$1,500
Electrical	\$52,100	\$66,900	\$11,900	\$13,400
Mechanical	\$8,000	\$38,700	\$12,500	\$9,000
Total	\$63,000	\$127,900	\$24,300	\$23,900
Priority A		\$22,300		
Priority B	\$60,100	\$105,600	\$24,300	\$22,500
Priority C	\$2,900			\$1,500
Total	\$63,000	\$127,900	\$24,300	\$23,900



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

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

FIRE DEPARTMENT - 057
SUPPORT SERVICES BUILDING

Asset # : 4437

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	15%	Now	\$529,200	LIFE	**	5	\$206,100	A
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Foundation Settlement</i>								
Masonry: Brick	65%	Now	\$596,900	LIFE	**	5	\$178,600	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Walls Are Covered With Stucco Cement</i>								
Metal Panel	10%	Now	\$216,500	2051	**	5	\$51,500	A
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	10%	Now	\$502,800	2034	**	5	\$42,900	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout,</i>								
Windows								
Aluminum	50%	Now	\$111,700	2029	**	5	\$11,700	A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Steel	50%	Now	\$1,355,300	2046	**	5	\$145,700	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Weather Strip Missing, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	90%	Now	\$976,600	LIFE	**	5	\$49,000	A
<i>Loose Units, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Metal Panel	10%	Now	\$188,600	2031	**	5	\$10,500	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Roof								
Modified Bitumen	90%	Now	\$144,600	2026	**			A
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Single Ply Membrane	10%			2026	**	10	\$22,300	A
Interior								

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

FIRE DEPARTMENT - 057
SUPPORT SERVICES BUILDING

Asset # : 4437

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	85%	Now	\$911,500	LIFE	**	5	\$219,300	C
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Boiler Room, And Various Locations Throughout First Floor</i>								
<i>Explanation : Floor Slab Settlement</i>								
Ceramic Tile	5%			2030	**	5	\$5,900	C
Vinyl Tile	10%	Now	\$55,900	2026	**	3	\$4,400	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Boiler Room Corridor</i>								
<i>Poor Subfloor Evident, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Boiler Room Corridor</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Boiler Room Corridor</i>								
<i>Explanation : Floor Slab Settlement</i>								
Interior Walls								
Concrete Masonry Unit	35%	Now	\$399,400	LIFE	**	5	\$21,200	C
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations On First Floor</i>								
Gypsum Board	20%	Now	\$110,200	LIFE	**	5	\$18,200	C
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Kitchen And Various Locations Throughout First Floor</i>								
<i>Explanation : Settlement Cracking</i>								
Gypsum Board	10%			LIFE	**	5	\$9,100	C
Masonry: Brick	10%			LIFE	**			C
Metal Panel	10%			LIFE	**			C
Plaster	15%			LIFE	**	5	\$6,800	C
Ceilings								
AcousTileSusp.Lay-In	25%	Now	\$195,900	2041	**	5	\$14,700	B
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Steel	75%			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								
Service Equipment								
Fused Disc Sw	50%			2021	\$30,400	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>								
Fused Disc Sw	50%			2031	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch</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
SUPPORT SERVICES BUILDING

Asset # : 4437

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	30%			2021	\$44,500	5	\$100	B
Molded Case Bkrs	40%			2031	* *	5	\$900	B
Molded Case Bkrs	30%			2021	\$44,500	5	\$700	B
Raceway								
Conduit	70%			2021	\$73,000	1		B
Conduit	30%			2031	* *	1		B
Panelboards								
Fused Disc Sw	5%			2020	\$7,300	5	\$100	B
Molded Case Bkrs	35%			2029	* *	5	\$800	B
Molded Case Bkrs	60%			2020	\$87,600	5	\$1,300	B
Wiring								
Braided Cloth	20%	2-4	\$34,800	2046	* *	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	80%			2031	* *	1		B
Motor Controllers								
Locally Mounted	100%			2019	\$115,200	5	\$600	B
Ground								
Grounding Devices								
Generic	100%	2-4	\$900	LIFE	* *	5	\$1,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Corroded</i>								
Stand-by Power								
Transfer Switches								
Automatic	100%			2019	\$10,500	1	\$26,000	B
Generators								
Diesel	100%			2017	\$67,300	1	\$32,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 500 Kw</i>								
Batteries								
Lead/Acid	100%			2015	\$600	5	\$3,100	B
Fuel Storage								
Main Tank	100%			2024	\$10,800	5	\$2,300	B
Lighting								
Interior Lighting								
Fluorescent	98%			2016	\$666,100	10	\$70,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-12 Lamps</i>								
Incandescent	2%			2016	\$13,600	2		B
Egress Lighting								
Emergency, Service	40%			2016	\$5,200	1		B
Emergency, Battery	10%			2021	\$3,300	10	\$1,900	B
Exit, Service	50%			2021	\$6,500	1		B

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

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

FIRE DEPARTMENT - 057
SUPPORT SERVICES BUILDING

Asset # : 4437

Electrical		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
Lighting								
Exterior Lighting								
HID	100%			2016	\$35,000	10	\$300	B
Alarm								
Security System								
No Component	60%							D
Generic	40%			2021	\$115,700	1	\$12,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Front Door, Hallway And Roof Garage</i>								
<i>Explanation : Standard</i>								
Fire/Smoke Detection								
Generic	100%			2021	\$990,000	1-3	\$53,600	B
Mechanical		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	30%			2031	**	1		B
Interruptible Gas/Dual Fuel	70%			2031	**	1		B
Conversion Equipment								
Hot Water Boiler	25%			2019	\$50,300	1	\$9,800	B
<i>Other Observation, Extent : Light, Area Affected : 70%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 3 Units - Replacement of 2 Boilers Is In Progress</i>								
Radiant Heater	25%			2021	\$98,400	2	\$9,100	B
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Service Area, 1st Floor</i>								
<i>Explanation : Gas Fire Radiant Tubs</i>								
Under Construction	50%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 2 Boilers Being Replaced</i>								
Distribution								
Hot Wtr Piping/Pump	70%			2029	**	4	\$2,700	B
No Component	30%							D
Terminal Devices								
Air Handler	20%			2021	\$96,400	1	\$9,800	B
Convactor/Radiator	40%			2026	**	1	\$10,200	B
Unit Heater-Stm/HW	10%			2016	\$57,700	4	\$1,100	B
No Component	30%							D
Air Conditioning								
Energy Source								
Electricity	100%			2029	**	1		B

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

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

FIRE DEPARTMENT - 057
SUPPORT SERVICES BUILDING

Asset # : 4437

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								
Ext Pkg Unit - Cooling	40%	Now	\$165,000	2031	**	2	\$1,600	B
	<i>Unit Inoperable, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Roof</i>							
Window/Wall Unit	10%			2016	\$18,400	1		B
No Component	50%							D
Heat Rejection								
Air Condenser Unit	40%			2016	\$35,700	2	\$22,000	B
No Component	60%							D
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	**	2-5	\$17,600	B
No Component	60%							D
Exhaust Fans								
Interior	40%			2016	\$39,500	2	\$1,000	B
Roof	60%	0-2	\$42,600	2031	**	2	\$1,200	B
	<i>On Extended Life, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Roof</i>							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	**	1		B
Water Heater								
Gas Fired	100%			2021	\$20,800	2	\$1,200	B
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Boiler Room</i>							
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2016	\$10,300	4	\$2,000	B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
Generic	100%			2021	\$1,043,600	1-2	\$22,100	B

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

Print Date : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

Asset Name : 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 : 05-Nov-2009 **Landmark Status** : NONE
Areas Surveyed :
Block : 1819 **Lot** : 4 **BIN** :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Piers	\$801,900	\$54,500
Total	\$801,900	\$54,500
Priority A	\$249,500	\$54,500
Priority B	\$552,400	
Total	\$801,900	\$54,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$26,800			\$4,200
Total	\$26,800			\$4,200
Priority A	\$3,800			
Priority B	\$17,900			\$4,200
Priority C	\$5,100			
Total	\$26,800			\$4,200



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

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FIRE DEPARTMENT - 057
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	\$14,000	A
			<i>Cracking, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Isolated Throughout Beams And Deck At Underside Of Pier</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Isolated Throughout Beams And Deck At Underside Of Pier</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 1%</i>					
			<i>Location : Isolated At Underside And At Areas Of Broken Asphalt At Topside Of Pier</i>					
			<i>Explanation : Spalling/exposed Reinforcement</i>					
Concrete	2%	4+	\$3,800	LIFE	**	5	\$500	A
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Isolated At Underside And At Areas Of Broken Asphalt At Topside Of Pier</i>					
			<i>Explanation : Spalled/exposed Reinforcement</i>					
Not Accessible	45%							D
Deck Surface Asphalt	65%			2030	**	5	\$10,200	C
			<i>Cracking, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Isolated Throughout</i>					
			<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 2%</i>					
			<i>Location : Isolated Throughout</i>					
			<i>Explanation : Broken/missing</i>					
No Component	5%							D
Not Accessible	30%							D
Pile Caps Concrete	100%			LIFE	**	5	\$1,000	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+	\$249,500	LIFE	**	5	\$54,500	A
			<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Above Mean Low Water Elevation Throughout Pier</i>					
			<i>Defec Cathodic Prot., Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Anodes Missing At All Piles</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Above Mean Low Water Elevation Throughout</i>					
			<i>Explanation : Defective Coating System</i>					
Not Accessible	75%							D
Fender								

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

FIRE DEPARTMENT - 057
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								
Buffer								
Rubber	75%	Now	\$17,900	2034	**	4-5	\$4,400	B
<i>Loose Connections, Extent : Severe, Area Affected : 60%</i>								
<i>Location : At Areas Of Timber Decay Above Mlw Elevation</i>								
No Component	25%							D
Facing								
Timber	75%	2-4	\$347,600	2036	**	3	\$10,200	B
<i>Rotting/Splitting, Extent : Moderate, 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</i>								
<i>Explanation : Fire Damage</i>								
No Component	25%							D
Wales and Chocks								
Timber	40%	Now	\$70,200	2036	**	4	\$7,500	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>								
Timber	35%	4+	\$61,400	2036	**	4	\$6,600	B
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout Above Mlw Elevation</i>								
No Component	25%							D
Piles								
Steel	15%	4+	\$36,600	2036	**	3-5	\$11,600	B
<i>Corrosion, Extent : Severe, Area Affected : 30%</i>								
<i>Location : In Tidal Zone Throughout Piles And Angle Bracing</i>								
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Near Center Of Berth</i>								
<i>Explanation : Impact Damage</i>								
Steel	15%	4+	\$36,600	2036	**	3-5	\$11,600	B
<i>Corrosion, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Above Mlw Throughout Piles And Angle Bracing</i>								
No Component	25%							D
Not Accessible	45%							D
Deck Elements								
Railing								
Steel	100%			2020				B
<i>Loose Connections, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Isolated Throughout</i>								
<i>Missing Coating, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								

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Print Date : 15-Nov-2013

FIRE DEPARTMENT - FY 2014

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 : 04-Nov-2009 Landmark Status : NONE
 Areas Surveyed :
 Block : 14163 Lot : 101 BIN :

CAPITAL		FY 2015 - 2018	FY 2019 - 2024
Piers		\$234,700	
Total		\$234,700	
Priority A		\$108,100	
Priority B		\$126,500	
Total		\$234,700	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$8,500			\$1,200
Total	\$8,500			\$1,200
Priority A	\$8,500			
Priority B				\$1,200
Total	\$8,500			\$1,200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
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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	\$5,100	A
			<i>Cracking, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : At Concrete Beam, Underside Of Pier</i>					
Not Accessible	40%							D
Pile Caps								
Concrete	15%	4+	\$8,500	LIFE	**	5		A
			<i>Cracking, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Southeast Pile Cap</i>					
Concrete	85%			LIFE	**	5	\$300	A
Piles and Bracing								
Steel	20%	0-2	\$76,300	LIFE	**	5	\$13,900	A
			<i>Corrosion, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Within Tidal Zone Of Exposed H-piles</i>					
Steel	5%	Now	\$31,800	LIFE	**	5	\$3,500	A
			<i>Broken, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Two Piles</i>					
Not Accessible	75%							D
Fender Facing								
Timber	55%	Now	\$126,500	2036	**	3	\$3,700	B
			<i>Rotting/Splitting, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
No Component	45%							D

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Print Date : 15-Nov-2013 **FIRE DEPARTMENT - FY 2014**

Asset Name : EAST SHORE RIP-RAP SHORELINE
Address : RANDALLS ISLAND NORTH OF DEP
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 : 05-Nov-2009 **Landmark Status** : NONE
Areas Surveyed :
Block : 1819 **Lot** : 4 **BIN** :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$49,800	\$100		\$100
Total	\$49,800	\$100		\$100
Priority B	\$25,200	\$100		\$100
Priority C	\$24,600			
Total	\$49,800	\$100		\$100



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

FIRE DEPARTMENT - 057
EAST SHORE RIP-RAP SHORELINE
Asset # : 13858

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Revetment								
Stone	45%			LIFE	**	5	\$1,600	C
<i>Settlement, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout Station 0+00 To 3+10 (from North)</i>								
Stone	50%			LIFE	**	5	\$1,800	C
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout Station 3+10 To 7+20 (from North)</i>								
Stone	5%	4+	\$24,600	LIFE	**	5	\$200	C
<i>Settlement, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Station 4+90 To 5+25 (from North)</i>								
Backfill								
Fill								
Topsoil	10%	Now	\$14,400	2061	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Beneath The North Apron Support Of The Fdny Pier And Station 4+90 To 5+25</i>								
<i>Explanation : Erosion</i>								
Not Accessible	90%							D
Surface								
Gravel	45%			2034	**	2-5	\$800	B
Topsoil	30%	4+	\$10,800	2021	\$10,800	5	\$400	B
<i>Erosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Beneath Fdny Pier And Station 4+90 To 5+25 (from North)</i>								
Not Accessible	25%							D

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

CAPITAL		FY 2015 - 2018		FY 2019 - 2024	
Miscellaneous Buildings		466,100		141,900	
EXPENSE		FY 2015	FY 2016	FY 2017	FY 2018
Miscellaneous Buildings		25,300	10,300	8,300	9,800
ASSET #	NAME	SQFT	CAPITAL	EXPENSE	
1832	FIRE ACADEMY FIRE SIMULATOR BLDG #4	6,000	189,000	16,700	
1833	FIRE ACADEMY MAINTENANCE & STORAGE BLDG#10	4,800	151,200	13,300	
1857	FIRE ACADEMY FIRE SIMULATOR BLDG #2	6,000	189,000	16,700	
14099	FIRE ACADEMY LIBRARY - BLDG. #13	2,500	78,800	6,900	

Project : FIRE DEPARTMENT

CAPITAL		FY 2015 - 2018		FY 2019 - 2024	
Special Systems		1,132,000		0	
EXPENSE		FY 2015	FY 2016	FY 2017	FY 2018
Special Systems		1,310,000	935,000	890,000	1,105,000
ASSET #	NAME	SQFT	CAPITAL	EXPENSE	
4534	FIREBOAT-GOVERNOR ALFRED E SMITH		387,000	1,550,000	
4536	FIREBOAT - JOHN D. MCKEAN		350,000	100,000	
4541	FIREBOAT - FIRE FIGHTER II		165,000	1,040,000	
4542	FIREBOAT - THREE FORTY-THREE		165,000	1,125,000	
4543	FIREBOAT - BRAVEST		65,000	425,000	

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