

Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**Asset Name** : BATTALION 45 OLD EMS STATION 46  
**Address** : 58-65 52ND ROAD  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : FIR0016.000 / 4438 **Yr Built/Renovated** : 1956 / 1998  
**Area Sq Ft** : 27,000 **Project Type** : FIRE DEPARTMENT  
**Date of Survey** : 24-Feb-2011 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 2351 **Lot** : 23 **BIN** : 4054172

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$225,300	\$352,700
Interior Architecture	\$173,900	\$26,600
Mechanical		\$63,700
<b>Total</b>	<b>\$399,200</b>	<b>\$443,000</b>
Priority A	\$225,300	\$352,700
Priority B		\$63,700
Priority C	\$173,900	\$26,600
<b>Total</b>	<b>\$399,200</b>	<b>\$443,000</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$33,100	\$6,600		\$8,400
Interior Architecture	\$19,600	\$5,700	\$4,100	\$1,900
Electrical	\$800	\$900	\$1,000	\$4,200
Mechanical	\$5,200	\$1,400	\$3,200	\$46,400
<b>Total</b>	<b>\$58,700</b>	<b>\$14,500</b>	<b>\$8,300</b>	<b>\$61,000</b>
Priority A	\$33,100	\$6,600		\$8,400
Priority B	\$6,000	\$5,500	\$4,200	\$52,500
Priority C	\$19,600	\$2,400	\$4,100	
<b>Total</b>	<b>\$58,700</b>	<b>\$14,500</b>	<b>\$8,300</b>	<b>\$61,000</b>



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

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

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

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

Architecture	Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	10%	Now	\$28,600	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	\$84,300	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	\$70,400	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	\$4,500	LIFE	**	5	\$2,000	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coipng</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coping</i>								
Concrete Masonry Unit	30%			LIFE	**	5	\$1,700	A
Metal Panel	5%			2042	**	5	\$1,000	A
Stucco Cement	60%			2027	**	5	\$8,000	A
Roof								
Modified Bitumen	100%	Now	\$70,500	2022	\$352,700			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.

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	45%	Now	\$173,900	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	\$19,600	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	\$26,600	3	\$1,100	C
Vinyl Tile	30%			2027	**	3	\$2,900	C
<b>Interior Walls</b>								
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
<b>Ceilings</b>								
AcousTileConcealSpLn	20%			2035	**	5	\$6,500	B
AcousTileSusp.Lay-In	15%			2027	**	5	\$3,900	B
Exposed Struc: Steel	65%			LIFE	**			B

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
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>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	80%			2022	\$15,500	5	\$100	B
Fused Disc Sw	20%			2042	**	5		B
<b>Raceway</b>								
Conduit	80%			2022	\$16,900	1		B
Conduit	20%			2042	**	1		B

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Panelboards</b>								
Fused Disc Sw	10%			2030	**	5	\$100	B
Molded Case Bkrs	60%			2021	\$9,900	5	\$400	B
Molded Case Bkrs	20%			2038	**	5	\$100	B
Molded Case Bkrs	10%			2030	**	5	\$100	B
<b>Wiring</b>								
Thermoplastic	80%			2022	\$11,800	1		B
Thermoplastic	20%			2042	**	1		B
<b>Motor Controllers</b>								
Not Accessible	100%							D
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							D
<b>Stand-by Power</b>								
<b>Transfer Switches</b>								
Automatic	100%			2035	**	1	\$6,800	B
<b>Generators</b>								
Not Accessible	100%							D
<b>Batteries</b>								
Not Accessible	100%							D
<b>Fuel Storage</b>								
Not Accessible	100%							D
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	60%			2022	\$22,600	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	\$3,100	10	\$200	B
<b>Egress Lighting</b>								
Exit, Service	75%			2027	**	1		B
Exit, Battery	25%			2027	**	10	\$300	B
<b>Exterior Lighting</b>								
HID	100%			2017	\$1,300	10	\$100	B
<b>Alarm</b>								
<b>Fire/Smoke Detection</b>								
No Component	90%							D
Generic	10%			2022	\$25,500	1-3	\$1,400	B

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

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

Mechanical		Current Repair			Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Heating									
Energy Source									
Electricity	5%			2032	**	1			B
Natural Gas	95%			2032	**	1			B
Conversion Equipment									
Furnace	95%			2017	\$22,400	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	\$63,700	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	\$3,300	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	\$13,800	2	\$500		B
Wall Unit	10%			2017	\$2,900	2	\$100		B
Plumbing									
H/C Water Piping									
Brass/Copper	100%			2032	**	1			B
Water Heater									
Gas Fired	100%			2020	\$4,500	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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Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$46,600	
<b>Total</b>	<b>\$46,600</b>	
Priority A	\$46,600	
<b>Total</b>	<b>\$46,600</b>	

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$28,200	\$1,400		
Interior Architecture	\$29,400	\$2,900	\$4,700	
Electrical	\$2,600	\$1,400	\$1,800	\$2,100
Mechanical	\$5,700	\$2,100	\$3,500	\$2,200
<b>Total</b>	<b>\$65,800</b>	<b>\$7,900</b>	<b>\$9,900</b>	<b>\$4,200</b>
Priority A	\$28,200	\$1,400		
Priority B	\$23,400	\$4,600	\$5,300	\$4,200
Priority C	\$14,200	\$1,900	\$4,700	
<b>Total</b>	<b>\$65,800</b>	<b>\$7,900</b>	<b>\$9,900</b>	<b>\$4,200</b>



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**FIRE DEPARTMENT - 057**  
**COMMUNICATIONS CENTER-BRONX**

**Asset # : 1996**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$16,200	A
Masonry: Brick	87%			LIFE	**	5	\$36,000	A
Masonry: Brick	3%			LIFE	**	5	\$1,200	A
Masonry: Limestone	2%			LIFE	**	5	\$600	A
Window Wall	3%			2049	**	5	\$2,300	A
<b>Windows</b>								
Aluminum	100%			2045	**	5	\$2,800	A
<b>Roof</b>								
Clay Tile	93%	Now	\$46,600	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
<b>Interior</b>								
<b>Floors</b>								
Carpet	27%			2024	**	3	\$5,600	C
Cast in Place Concrete	25%			LIFE	**	5	\$15,200	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	\$1,100	C
Vinyl Tile	23%			2028	**	3	\$1,200	C
<b>Interior Walls</b>								
Ceramic Tile	3%			2036	**	5	\$400	C
Concrete Masonry Unit	5%			LIFE	**	5	\$500	C
Fabric on Framing	45%			2024	**	5	\$2,600	C
Gypsum Board	10%			LIFE	**	5-10	\$2,000	C
Gypsum Board	5%			LIFE	**	5-10	\$1,000	C
Masonry: Brick	10%			LIFE	**	10	\$400	C
Plaster	20%			LIFE	**	5-10	\$2,000	C
Wood	2%			LIFE	**	5	\$1,900	C
<b>Ceilings</b>								
AcousTileSusp.Lay-In	15%			2040	**	5	\$2,100	B
Exposed Concrete	20%			LIFE	**	5-10	\$3,500	B
Gypsum Board	15%			LIFE	**	5-10	\$7,200	B
Plaster	50%			LIFE	**	5-10	\$11,900	B

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

Under 600 Volts

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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	
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	\$300	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	\$600	5	\$300	B
Fuel Storage								
Day Tank	50%			2039	**	5	\$800	B
Underground Storage	50%			LIFE	**	5	\$600	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**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Egress Lighting								
Emergency, Service	50%			2028	**	1		B
Emergency, Battery	10%			2028	**	10	\$200	B
Exit, Service	40%			2028	**	1		B
<b>Lighting Protection</b>								
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>					
<b>Alarm</b>								
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>					
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Fuel Oil No 2	100%			2043	**	5	\$2,800	B
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
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
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2039	**	1		B

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

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

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

**FIRE DEPARTMENT - 057**  
**COMMUNICATIONS CENTER-BRONX**

**Asset # : 1996**

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Conversion Equipment								
Reciprocating Compr/Chiller	80%			2028	* *	1	\$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	\$7,800	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

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

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

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

Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$38,500			
<b>Total</b>	<b>\$38,500</b>			
Priority A	\$38,500			
<b>Total</b>	<b>\$38,500</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**  
**COMMUNICATIONS CENTER-BROOKLYN**  
**Asset # : 1994**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast Stone/Terra Cotta	5%			LIFE	**	5	\$22,600	A
<i>Repairs in Progress, Extent : Light, Area Affected : 25%</i>								
<i>Location : Cornices</i>								
Masonry: Brick	92%			LIFE	**	5	\$53,100	A
<i>Repairs in Progress, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Masonry: Limestone	3%			LIFE	**	5	\$1,300	A
<i>Repairs in Progress, Extent : Light, Area Affected : 25%</i>								
<i>Location : Spandrels, Lintels</i>								
<b>Windows</b>								
Aluminum	100%			2048	**	5	\$4,900	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Clay Tile	100%			2043	**	10	\$23,500	A
<i>Repairs in Progress, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
<b>Floors</b>								
Under Construction	100%							D
<b>Interior Walls</b>								
Under Construction	100%							D
<b>Ceilings</b>								
Under Construction	100%							D

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

**Ground**

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

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

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

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

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

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
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
<b>Air Conditioning</b>								
Energy Source								
Not Accessible	100%							D

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

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

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

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

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

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

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

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

Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$66,900	\$176,000
Electrical		\$94,300
<b>Total</b>	<b>\$66,900</b>	<b>\$270,300</b>
Priority A	\$66,900	\$176,000
Priority B		\$94,300
<b>Total</b>	<b>\$66,900</b>	<b>\$270,300</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$41,800	\$2,000		
Electrical	\$4,600	\$1,700	\$1,500	\$1,300
Mechanical	\$2,900	\$2,600	\$1,700	\$2,200
<b>Total</b>	<b>\$49,300</b>	<b>\$6,300</b>	<b>\$3,200</b>	<b>\$3,500</b>
Priority A	\$41,800	\$2,000		
Priority B	\$7,500	\$4,300	\$3,200	\$3,500
<b>Total</b>	<b>\$49,300</b>	<b>\$6,300</b>	<b>\$3,200</b>	<b>\$3,500</b>



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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	Priority Code
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	\$27,400	A
Pre-Cast Concrete	30%			LIFE	**	5	\$52,300	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	\$133,900	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		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								
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	\$14,700	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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**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
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	60%			2023	\$37,800	5		B
Molded Case Bkrs	40%			2043	* *	5	\$100	B
Raceway								
Conduit	60%			2023	\$12,100	1		B
Conduit	40%			2043	* *	1		B
Panelboards								
Molded Case Bkrs	60%			2022	\$14,300	5	\$200	B
Molded Case Bkrs	40%			2039	* *	5	\$100	B
Wiring								
Thermoplastic	50%			2023	\$12,800	1		B
Thermoplastic	50%			2043	* *	1		B
Motor Controllers								
Locally Mounted	70%			2021	\$5,900	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	\$600	B
Lighting								
Interior Lighting								
Fluorescent	30%			2018	\$16,400	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>								

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Estimates are rounded to the nearest hundred dollars.

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

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
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	\$4,800	10		B
<b>Lightning Protection</b>								
Arresters/Cabling								
Generic	100%			2026	**	5	\$500	B
<b>Alarm</b>								
Security System								
Generic	100%			2023	\$40,000	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
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
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	\$31,100	4	\$400	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
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2039	**	1		B

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

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

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

**FIRE DEPARTMENT - 057**  
**COMMUNICATIONS CENTER-MANHATTAN**

**Asset # : 1993**

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
<b>Air Conditioning</b>								
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
<b>Distribution</b>								
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
<b>Terminal Devices</b>								
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
<b>Heat Rejection</b>								
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
<b>Ventilation</b>								
<b>Distribution</b>								
Ductwork/Diffusers	40%			LIFE	* *	2-5	\$3,600	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
<b>Exhaust Fans</b>								
Roof	30%			2018			\$3,000	B
Under Construction	70%						\$100	D
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
Brass/Copper	20%			2033	* *	1		B
Galv Iron/Steel	80%			2021		1	\$29,600	B
<b>Water Heater</b>								
Electric	100%			2021		4	\$1,900	B
<b>Sanitary Piping</b>								
Cast Iron	100%			LIFE	* *	1		B

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

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

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

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

<b>Mechanical</b>	<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>	
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Plumbing								
Sump Pump(s)								
Rigid Piping	100%			2023	\$10,900	4	\$2,000	B
Fixtures								
Under Construction	100%							D

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

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

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

Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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

<b>CAPITAL</b>		<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture		\$143,500	
Mechanical			\$124,400
<b>Total</b>		<b>\$143,500</b>	<b>\$124,400</b>
Priority A		\$143,500	
Priority B			\$124,400
<b>Total</b>		<b>\$143,500</b>	<b>\$124,400</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$30,500	\$1,700		
Interior Architecture	\$26,100	\$4,500	\$5,100	\$700
Electrical	\$2,300	\$1,300	\$1,500	\$1,900
Mechanical	\$4,500	\$2,700	\$2,600	\$2,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$67,200</b>	<b>\$14,100</b>	<b>\$13,200</b>	<b>\$9,000</b>
Priority A	\$30,500	\$1,700		
Priority B	\$19,400	\$10,800	\$8,100	\$8,300
Priority C	\$17,400	\$1,700	\$5,100	\$700
<b>Total</b>	<b>\$67,200</b>	<b>\$14,100</b>	<b>\$13,200</b>	<b>\$9,000</b>



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

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

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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	
Exterior								
Exterior Walls								
Masonry: Brick	85%			LIFE	**	5	\$33,300	A
Masonry: Granite	3%			LIFE	**	5	\$900	A
Masonry: Limestone	10%	Now	\$13,300	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	\$143,500	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	**	3	\$5,100	C
Cast in Place Concrete	20%			LIFE	**	5	\$9,800	C
Ceramic Tile	5%			2036	**	5	\$600	C
Raised Access Floor	20%			2036	**	5	\$8,400	C
Terrazzo	5%			LIFE	**	5	\$900	C
Vinyl Tile	20%			2031	**	3	\$800	C
Interior Walls								
Cast in Place Concrete	10%			LIFE	**	10	\$3,600	C
Ceramic Tile	5%			2036	**	5	\$700	C
Fabric on Framing	20%			2027	**	5	\$1,400	C
Gypsum Board	35%			LIFE	**	5-10	\$8,600	C
Masonry: Brick	10%			LIFE	**	10	\$400	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	**	5-10	\$1,800	C

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

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

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

**FIRE DEPARTMENT - 057**  
**COMMUNICATIONS CENTER-QUEENS**

**Asset # : 1995**

Architecture	Current Repair		Future Replacement		Maintenance		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	50%			2040	**	5	\$5,600	B
Exposed Concrete	20%			LIFE	**	5-10	\$2,800	B
Gypsum Board	10%			LIFE	**	5-10	\$3,900	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	**	5-10	\$2,900	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	Priority Code

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	\$200	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**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Stand-by Power</b>								
<b>Generators</b>								
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>								
<b>Batteries</b>								
Lead/Acid	100%			2017		5	\$300	B
<b>Fuel Storage</b>								
Day Tank	50%			2039	**	5	\$700	B
Underground Storage	50%			LIFE	**	5	\$500	B
<b>Lighting</b>								
<b>Interior Lighting</b>								
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>								
<b>Egress Lighting</b>								
Emergency, Service	50%			2028	**	1		B
Emergency, Battery	10%			2028	**	10	\$200	B
Exit, Service	40%			2028	**	1		B
<b>Exterior Lighting</b>								
HID	100%			2028	**	10		B
<b>Alarm</b>								
<b>Security System</b>								
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>								
<b>Fire/Smoke Detection</b>								
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>								

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

Heating

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

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**FIRE DEPARTMENT - 057**  
**COMMUNICATIONS CENTER-QUEENS**

**Asset # : 1995**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
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	\$31,500	1	\$3,300	B
Fan Coil Unit/Heat	30%			2023	\$37,500	1	\$700	B
<b>Air Conditioning</b>								
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	\$8,900	1	\$1,200	B
Fan Coil - Cool/Heat	55%			2023	\$86,900	1	\$1,300	B
No Component	20%							D
Heat Rejection								
Remote Air Cond	20%			2031	**	2	\$1,000	B
No Component	80%							D
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,600	B
Exhaust Fans								
Interior	100%			2028	**	2	\$200	B
<b>Plumbing</b>								
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

*Note : 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 : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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

<b>CAPITAL</b>		<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Mechanical			\$131,500
<b>Total</b>			<b>\$131,500</b>
Priority	B		\$131,500
<b>Total</b>			<b>\$131,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$7,500			
Electrical	\$28,300	\$1,800	\$1,400	\$1,300
Mechanical	\$8,400	\$2,800	\$1,100	\$2,200
<b>Total</b>	<b>\$44,200</b>	<b>\$4,500</b>	<b>\$2,500</b>	<b>\$3,600</b>
Priority	A	\$7,500		
Priority	B	\$36,700	\$4,500	\$3,600
<b>Total</b>	<b>\$44,200</b>	<b>\$4,500</b>	<b>\$2,500</b>	<b>\$3,600</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**  
**COMMUNICATIONS CENTER-STATEN ISL**  
**Asset # : 1997**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	3%			LIFE	**	5	\$2,300	A
Masonry: Brick	80%			LIFE	**	5	\$12,500	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
<b>Windows</b>								
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>								
<b>Roof</b>								
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
<b>Interior</b>								
<b>Floors</b>								
Under Construction	100%							D
<b>Interior Walls</b>								
Under Construction	100%							D
<b>Ceilings</b>								
Under Construction	100%							D

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Not Accessible	100%							D
<b>Transformers</b>								
Not Accessible	100%							D
<b>Switchgear / Switchboard</b>								
Not Accessible	100%							D
<b>Raceway</b>								
Conduit	50%			2023	\$9,300	1		B
Conduit	50%			2049	**	1		B
<b>Panelboards</b>								
Molded Case Bkrs	50%			2022	\$11,000	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**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Wiring</b>								
Thermoplastic	50%			2033	**	1		B
Thermoplastic	50%			2049	**	1		B
<b>Motor Controllers</b>								
Locally Mounted	100%			2040	**	5	\$100	B
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							D
<b>Stand-by Power</b>								
<b>Transfer Switches</b>								
Not Accessible	100%							D
<b>Generators</b>								
Diesel	40%	Now	\$26,400	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>								
<b>Batteries</b>								
Lead/Acid	100%			2018		5	\$400	B
<b>Fuel Storage</b>								
Day Tank	50%			2045	**	5	\$900	B
Underground Storage	50%			LIFE	**	5	\$600	B
<b>Lighting</b>								
<b>Interior Lighting</b>								
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
<b>Egress Lighting</b>								
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>								
<b>Exterior Lighting</b>								
HID	100%			2023		10	\$3,900	B
<b>Alarm</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**

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

**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*

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

**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

\$200

B

Hot Wtr Piping/Pump

60%

2022

\$31,700

4

\$400

B

## Terminal Devices

Convactor/Radiator

60%

Now

\$6,000

2021

\$59,600

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

\$28,600

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.*

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*\*\* 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	\$40,200	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	\$12,600	1		B
Water Heater								
Electric	100%			2023	\$1,600	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 : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$276,400	\$37,800
Interior Architecture		\$42,800
Electrical		\$48,300
<b>Total</b>	<b>\$276,400</b>	<b>\$128,900</b>
Priority A	\$276,400	\$37,800
Priority B		\$48,300
Priority C		\$42,800
<b>Total</b>	<b>\$276,400</b>	<b>\$128,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$7,000		\$1,900	
Interior Architecture	\$11,000	\$600	\$1,900	
Electrical	\$1,500	\$2,100	\$2,200	\$1,400
Mechanical	\$2,100	\$2,100	\$13,300	\$2,000
<b>Total</b>	<b>\$21,600</b>	<b>\$4,800</b>	<b>\$19,300</b>	<b>\$3,400</b>
Priority A	\$7,000		\$1,900	
Priority B	\$3,700	\$4,200	\$17,400	\$3,400
Priority C	\$11,000	\$600		
<b>Total</b>	<b>\$21,600</b>	<b>\$4,800</b>	<b>\$19,300</b>	<b>\$3,400</b>



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

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

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**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	\$276,400	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	\$3,800	2021	\$37,800			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	\$3,300	2030	**	5	\$400	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	30%			2021	\$42,800	3	\$1,700	C
Interior Walls								
Concrete Masonry Unit	75%	Now	\$7,600	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

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
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>								
<b>Transformers</b>								
Dry Type	30%			2019	\$4,100	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>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2021	\$48,300	5		B
<b>Raceway</b>								
Conduit	80%			2021	\$16,900	1		B
Conduit	20%			2041	**	1		B
<b>Panelboards</b>								
Molded Case Bkrs	80%			2020	\$22,200	5	\$200	B
Molded Case Bkrs	20%			2037	**	5	\$100	B
<b>Wiring</b>								
Thermoplastic	80%			2021	\$11,800	1		B
Thermoplastic	20%			2041	**	1		B
<b>Motor Controllers</b>								
Locally Mounted	70%			2019	\$2,600	5		B
Locally Mounted	30%			2034	**	5		B
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$100	B
<b>Stand-by Power</b>								
<b>Transfer Switches</b>								
Automatic	100%			2034	**	1	\$3,100	B
<b>Generators</b>								
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>								
<b>Batteries</b>								
Lead/Acid	100%			2015	\$600	5	\$400	B

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Stand-by Power								
Fuel Storage								
Main Tank	100%			2049	**	5	\$300	B
Lighting								
Interior Lighting								
Fluorescent	85%			2021	\$28,200	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	\$5,100	B

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

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

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	60%			2026	* *	1	\$2,000	B
Unit Heater-Stm/HW	40%			2021	\$3,600	4	\$400	B
Air Conditioning								
Energy Source								
Electricity	100%			2029	* *	1		B
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2021	\$15,000	2	\$100	B
Window/Wall Unit	40%			2016	\$9,400	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	\$9,100	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.  
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Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$53,600	\$178,500
<b>Total</b>	<b>\$53,600</b>	<b>\$178,500</b>
Priority A	\$53,600	\$178,500
<b>Total</b>	<b>\$53,600</b>	<b>\$178,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$15,200	\$17,400		
Interior Architecture	\$101,300		\$4,600	
Electrical	\$4,800	\$2,100	\$2,700	\$2,700
Mechanical	\$34,400	\$5,400	\$14,200	\$5,100
<b>Total</b>	<b>\$155,700</b>	<b>\$24,900</b>	<b>\$21,500</b>	<b>\$7,800</b>
Priority A	\$15,200	\$17,400		
Priority B	\$96,400	\$7,500	\$16,900	\$7,800
Priority C	\$44,000		\$4,600	
<b>Total</b>	<b>\$155,700</b>	<b>\$24,900</b>	<b>\$21,500</b>	<b>\$7,800</b>



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

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

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

**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	\$500	A
Masonry: Brick	83%	2-4	\$11,300	LIFE	**	5	\$17,200	A
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Perimeter</i>								
Metal Coiling Doors	15%	4+	\$3,700	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	\$53,600	2023			\$178,500	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	\$43,100	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	**	10	\$7,300	C
Concrete Masonry Unit	70%	2-4	\$10,000	LIFE	**	5	\$5,400	C
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Cellar</i>								
Glass Block	5%			LIFE	**	10	\$400	C
Gypsum Board	10%			LIFE	**	5-10	\$3,300	C
Ceilings								
Exposed Concrete	30%	2-4	\$5,600	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	**	10	\$19,700	B
Gypsum Board	5%			LIFE	**	5-10	\$4,200	B
Metal Panel	25%	0-2	\$29,300	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>								

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

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	75%	4+	\$400	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>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2043	**	5	\$100	B
<b>Raceway</b>								
Conduit	100%			2043	**	1		B
<b>Panelboards</b>								
Molded Case Bkrs	100%			2039	**	5	\$400	B
<b>Wiring</b>								
Thermoplastic	100%			2043	**	1		B
<b>Motor Controllers</b>								
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>								
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$500	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Water Meter Room</i>								
<i>Explanation : Connected With Main Water Pipe</i>								
<b>Stand-by Power</b>								
<b>Transfer Switches</b>								
Automatic	100%			2036	**	1	\$5,100	B
<b>Generators</b>								
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>								
<b>Batteries</b>								
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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**FIRE DEPARTMENT - 057**  
**ENGINE CO. 168 EMS STATION 23 ROSSVILLE STATION**  
**Asset # : 13581**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
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/Cablling Generic	100%			2051	**	5	\$500	B
Alarm								
Fire/Smoke Detection Generic	100%			2028	**	1-3	\$10,200	B
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
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	\$300	B
Unit Heater-Stm/HW	20%	Now	\$23,600	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	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
<b>Air Conditioning</b>								
<b>Conversion Equipment</b>								
Ext Pkg Unit - Cooling	50%			2028	**	2	\$500	B
Split Unit	5%			2023	\$4,200			B
Window/Wall Unit	5%			2021	\$1,900	1		B
No Component	40%							D
<b>Distribution</b>								
Ductwork/Diffusers	60%			LIFE	**	2	\$16,000	B
No Component	40%							D
<b>Heat Rejection</b>								
Air Condenser Unit	5%			2028	**	2	\$600	B
No Component	95%							D
<b>Ventilation</b>								
<b>Distribution</b>								
Ductwork/Diffusers	50%			LIFE	**	2-5	\$7,300	B
No Component	50%							D
<b>Exhaust Fans</b>								
Roof	100%			2028	**	2	\$500	B
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
Brass/Copper	70%			2049	**	1		B
Galv Iron/Steel	30%			2040	**	1		B
<b>Water Heater</b>								
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>					
<b>Sanitary Piping</b>								
Cast Iron	100%			LIFE	**	1		B
			<i>Recent Repair Evident, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
<b>Storm Drain Piping</b>								
Cast Iron	100%			LIFE	**	1		B
<b>Sump Pump(s)</b>								
Rigid Piping	100%			2031	**	4	\$2,000	B
<b>Backflow Preventer</b>								
Generic	100%			2031	**	1	\$1,000	B
<b>Fixtures</b>								
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>					
<b>Fire Suppression</b>								

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority 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>									
<hr/>									
Chemical System									
	Wet	100%			2022	\$26,000	1-3	\$46,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Kitchen</i>									
<i>Explanation : Over Range</i>									
<hr/>									

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Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture				\$6,900
Interior Architecture	\$1,000			\$6,200
Electrical	\$1,100	\$1,400	\$2,100	\$16,300
Mechanical	\$1,900	\$1,000	\$2,900	\$1,000
<b>Total</b>	<b>\$4,100</b>	<b>\$2,400</b>	<b>\$5,000</b>	<b>\$30,300</b>
Priority A				\$6,900
Priority B	\$3,100	\$2,400	\$5,000	\$20,900
Priority C	\$1,000			\$2,500
<b>Total</b>	<b>\$4,100</b>	<b>\$2,400</b>	<b>\$5,000</b>	<b>\$30,300</b>



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

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

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

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
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
<b>Windows</b>								
Aluminum	100%			2047	**	5	\$500	A
<b>Parapets</b>								
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
<b>Roof</b>								
Metal Panel	20%			2042	**	10	\$9,300	A
Modified Bitumen	30%			2032	**	10	\$7,600	A
Plaza Roof: Stone Panels	50%			2052	**			A
<b>Interior</b>								
<b>Floors</b>								
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	\$4,100	C
<b>Interior Walls</b>								
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
<b>Ceilings</b>								
AcousTileSusp.Lay-In	30%			2042	**	5	\$7,400	B
Exposed Struc: Steel	60%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$3,100	B

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
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>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2042	**	5	\$100	B
<b>Raceway</b>								
Conduit	100%			2048	**	1		B

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

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

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Heating								
Energy Source								
Natural Gas	100%			2048	**	1		B

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**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
<b>Heating</b>								
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	\$900	B
No Component	60%							D
<b>Air Conditioning</b>								
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
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$9,100	B
Exhaust Fans								
Roof	100%			2030	**	2	\$500	B
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2048	**	1		B
Water Heater								
Gas Fired	100%			2021	\$4,200	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

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Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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 /  
**Area Sq Ft** : 40,432 **Project Type** : FIRE DEPARTMENT  
**Date of Survey** : 29-Jun-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1819 **Lot** : 40 **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$2,776,600	\$197,200
Interior Architecture	\$143,900	
Electrical	\$195,600	\$739,900
Mechanical	\$461,900	\$245,800
<b>Total</b>	<b>\$3,578,100</b>	<b>\$1,182,900</b>
Priority A	\$2,776,600	\$197,200
Priority B	\$801,500	\$985,700
<b>Total</b>	<b>\$3,578,100</b>	<b>\$1,182,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture				
Interior Architecture	\$38,700	\$2,000	\$3,600	\$9,800
Electrical	\$6,400	\$8,700	\$47,700	\$4,800
Mechanical	\$23,300	\$8,500	\$23,800	\$10,000
<b>Total</b>	<b>\$68,300</b>	<b>\$19,100</b>	<b>\$75,100</b>	<b>\$24,600</b>
Priority A				
Priority B	\$35,500	\$17,200	\$73,000	\$14,800
Priority C	\$32,900	\$2,000	\$2,200	\$9,800
<b>Total</b>	<b>\$68,300</b>	<b>\$19,100</b>	<b>\$75,100</b>	<b>\$24,600</b>



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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**

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	30%	Now	\$152,900	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	\$1,154,600	LIFE	**	5	\$30,300	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Metal Panel	50%	Now	\$125,100	2041	**	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	\$645,300	2046	**	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	\$698,700	2026	**			A
<i>Corrosion/Rusting, Extent : Light, Area Affected : 25%</i>								
<i>Location : At Corridor Adjacent To Wall</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Along First Floor Corridor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Along First Floor Corridor</i>								
Interior								
Floors								
Carpet	30%	0-2	\$16,000	2020	\$80,100	3	\$20,800	C
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	13%	Now	\$4,500	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%			2030	**	5	\$900	C
Vinyl Tile	50%			2026	**	3	\$11,600	C
Wood	5%			2061	**	5	\$4,300	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

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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								
Interior Walls								
Cast in Place Concrete	5%	Now	\$9,500	LIFE	**			C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 3%</i>								
<i>Location : First Floor</i>								
Ceramic Tile	5%			2030	**	5	\$3,000	C
Concrete Masonry Unit	55%			LIFE	**	5	\$13,100	C
Gypsum Board	25%			LIFE	**	5	\$8,900	C
Masonry: Brick	5%			LIFE	**			C
Metal Panel	5%			LIFE	**			C
Ceilings								
AcousTileConcealSpLn	5%			2026	**	5	\$2,900	B
AcousTileSusp.Lay-In	25%			2034	**	5	\$11,600	B
Exposed Struc: Steel	70%	4+	\$143,900	LIFE	**			B
<i>Corrosion/Rusting, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 20%</i>								
<i>Location : First Floor Corridor</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%			2021	\$19,600	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 4000 Amps And 1200 Amps Main Disconnect Switch</i>								
Fused Disc Sw	30%			2031	**	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>								
Transformers								
Dry Type	100%			2026	**	5	\$100	B
Switchgear / Switchboard								
Fused Disc Sw	80%			2021	\$69,800	5	\$100	B
Fused Disc Sw	20%			2031	**	5		B
Raceway								
Conduit	90%			2021	\$52,600	1		B
Conduit	10%			2031	**	1		B
Panelboards								
Molded Case Bkrs	90%			2020	\$59,500	5	\$800	B
Molded Case Bkrs	10%			2020	\$6,600	5	\$100	B
Wiring								
Thermoplastic	10%			2031	**	1		B
Thermoplastic	90%			2021	\$53,500	1		B

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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	Priority Code
Under 600 Volts								
Motor Controllers								
Locally Mounted	10%			2026	**	5		B
Motor Control Center	90%			2019	\$60,700	5	\$800	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2019	\$10,300	1	\$10,200	B
Generators								
Diesel	100%			2017	\$66,100	1	\$12,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 281 Kva</i>								
Batteries								
Lead/Acid	100%			2014	\$600	5	\$1,200	B
Fuel Storage								
Day Tank	100%			2020	\$2,500	5	\$5,700	B
Lighting								
Interior Lighting								
Fluorescent	5%			2029	**	10	\$1,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Auditorium And Hallway</i>								
<i>Explanation : Using T-5 Lamps</i>								
Fluorescent	85%			2016	\$129,600	10	\$24,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	10%			2029	**	10	\$2,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Mezzanine</i>								
<i>Explanation : Using T-8 Lamps</i>								
Egress Lighting								
Emergency, Service	50%			2016	\$2,500	1		B
Exit, Service	50%			2016	\$2,500	1		B
Exterior Lighting								
HID	100%			2016	\$13,500	10	\$100	B
Alarm								
Security System								
No Component	50%							D
Generic	50%			2021	\$55,700	1	\$6,200	B
Fire/Smoke Detection								
Generic	100%			2021	\$381,400	1-3	\$20,400	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								
Energy Source								
Fuel Oil No 2	100%			2031	**	5	\$9,600	B
Conversion Equipment								
Hot Water Boiler	100%			2019	\$77,500	1	\$15,300	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 : 2 Units - #2 Boiler Is Scheduled To Be Replaced</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2029	**	4	\$1,500	B
Terminal Devices								
Air Handler	70%			2016	\$130,000	1	\$13,400	B
Convactor/Radiator	30%			2026	**	1	\$3,000	B
Air Conditioning								
Energy Source								
Electricity	100%			2029	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	100%	Now	\$116,900	2031	**	1	\$12,900	B
<i>Unit Inoperable, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : 12 Out Of 16 Compressors Burned Out, Backyard</i>								
Distribution								
Chilled Wtr Pipe/Pump	100%			2021	\$168,300	4	\$1,500	B
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	\$14,600	2016	\$146,300	1	\$17,200	B
<i>Not in Service, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Pneumatic Control System</i>								
Heat Rejection								
Air Condenser Unit	100%			2016	\$68,800	2	\$21,600	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$17,300	B
Exhaust Fans								
Roof	100%			2021	\$27,400	2	\$1,000	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	**	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								
Standpipe								
Generic	100%			2031	**	1-5	\$15,600	B

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

<b>Mechanical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Fire Suppression Sprinkler Generic	100%			2031	* *	1-2	\$8,700	B

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Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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** : 29-Jun-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1819 **Lot** : 40 **BIN** : 1085912

**CAPITAL**

**Total**  
 Priority  
**Total**

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$1,200			
Interior Architecture				
Electrical			\$4,600	\$100
Mechanical			\$100	
<b>Total</b>	<b>\$1,300</b>		<b>\$4,700</b>	<b>\$100</b>
Priority A	\$1,200			
Priority B	\$100		\$4,700	\$100
Priority C				
<b>Total</b>	<b>\$1,300</b>		<b>\$4,700</b>	<b>\$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 BURN BUILDING #5**  
**Asset # : 13554**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	5%			LIFE	**	5	\$3,300	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	\$12,600	A
<b>Windows</b>								
Aluminum	50%			2043	**	5	\$200	A
Metal Louvers	50%			2034	**	10	\$1,200	A
<b>Parapets</b>								
Not Accessible	100%							D
<b>Roof</b>								
Modified Bitumen	100%			2029	**	10	\$6,800	A
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	100%			LIFE	**	5	\$16,300	C
<b>Interior Walls</b>								
Cast in Place Concrete	20%			LIFE	**			C
Concrete Masonry Unit	80%			LIFE	**	5	\$2,000	C
<b>Ceilings</b>								
Exposed Concrete	100%			LIFE	**	5	\$1,200	B

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Raceway</b>								
Conduit	100%			2041	**	1		B
<b>Panelboards</b>								
Molded Case Bkrs	100%			2037	**	5	\$100	B
<b>Wiring</b>								
Thermoplastic	100%			2041	**	1		B
<b>Motor Controllers</b>								
Locally Mounted	100%			2034	**	5		B
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	100%			2026	**	10	\$4,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using Compact Fluorescent Lamps</i>								
<b>Exterior Lighting</b>								
HID	100%			2026	**	10		B

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

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

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Ventilation								
Exhaust Fans								
Roof	100%			2026	* *	2	\$200	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	10%			2034	* *	1		B
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : 1st &amp; 2nd Levels</i>						
		<i>Explanation : Standpipe Only</i>						
No Component	90%							D
Fire Suppression								
Standpipe								
No Component	90%							D
Generic	10%			2041	* *	1-5	\$300	B

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Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**Asset Name** : FIRE ACADEMY CLASSROOM BLDG. #11  
**Address** : RANDALLS ISLAND  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : FIR0003.011 / 13552 **Yr Built/Renovated** : 2003 /  
**Area Sq Ft** : 39,768 **Project Type** : FIRE DEPARTMENT  
**Date of Survey** : 30-Jun-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,3,4  
**Block** : 1819 **Lot** : 40 **BIN** : 1085910

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$100,400	\$37,700
<b>Total</b>	<b>\$100,400</b>	<b>\$37,700</b>
Priority A	\$100,400	\$37,700
<b>Total</b>	<b>\$100,400</b>	<b>\$37,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture			\$24,300	\$16,100
Interior Architecture	\$7,300			\$6,100
Electrical	\$4,200	\$3,400	\$34,300	\$4,500
Mechanical	\$4,900	\$5,800	\$12,400	\$5,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$20,300</b>	<b>\$13,100</b>	<b>\$74,900</b>	<b>\$35,600</b>
Priority A			\$24,300	\$16,100
Priority B	\$13,000	\$13,100	\$50,600	\$13,400
Priority C	\$7,300			\$6,100
<b>Total</b>	<b>\$20,300</b>	<b>\$13,100</b>	<b>\$74,900</b>	<b>\$35,600</b>



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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Masonry: Brick	50%			LIFE	**	5	\$28,700	A
Metal Panel	35%			2047	**	5-10	\$138,100	A
Window Wall	15%			2047	**	5	\$32,300	A
Windows								
Aluminum	100%			2043	**	5	\$10,900	A
Parapets								
Concrete Masonry Unit	95%			LIFE	**	5	\$6,900	A
Metal Rail	5%			2038	**	5-10	\$5,800	A
Roof								
IRMA/Protected Membrane	100%			2026	**	10	\$24,300	A
<b>Interior</b>								
Floors								
Carpet	5%			2020	\$14,100	3	\$4,900	C
Cast in Place Concrete	10%			LIFE	**	5	\$10,700	C
Ceramic Tile	5%			2034	**	5	\$2,400	C
Vinyl Tile	80%			2029	**	3	\$19,500	C
Interior Walls								
Concrete Masonry Unit	45%			LIFE	**	5	\$4,800	C
Gypsum Board	35%			LIFE	**	5	\$5,600	C
Masonry: Brick	13%			LIFE	**			C
Metal Panel	7%			LIFE	**			C
Ceilings								
AcousTileSusp.Lay-In	35%			2038	**	5	\$17,100	B
Exposed Struc: Steel	50%			LIFE	**			B
Metal Panel	15%			LIFE	**	5	\$9,100	B

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2041	**	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%			2041	**	5	\$900	B
Raceway								
Conduit	100%			2041	**	1		B
Panelboards								
Molded Case Bkrs	100%			2037	**	5	\$900	B
Wiring								
Thermoplastic	100%			2041	**	1		B

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2034	**	5	\$200	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	B
Stand-by Power								
Transfer Switches								
Automatic	100%			2034	**	1	\$10,000	B
Lighting								
Interior Lighting								
Fluorescent	80%			2026	**	10	\$23,900	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Using T-8 Lamps</i>						
Fluorescent	20%			2026	**	10	\$6,000	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Using T-5 Lamps</i>						
Egress Lighting								
Emergency, Service	50%			2026	**	1		B
Exit, LED	50%			2049	**	1		B
Exterior Lighting								
HID	100%			2026	**	10	\$100	B
Alarm								
Security System								
No Component	50%							D
Generic	50%			2026	**	1	\$6,100	B
Fire/Smoke Detection								
Generic	100%			2026	**	1-3	\$20,700	B

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Fuel Oil No 2	100%			2051	**	5	\$10,100	B
Conversion Equipment								
Hot Water Boiler	100%			2038	**	1	\$16,100	B
		<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%			2043	**	4	\$2,400	B
Terminal Devices								
Air Handler	80%			2029	**	1	\$16,100	B
Convactor/Radiator	20%			2038	**	1	\$2,100	B

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

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

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

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

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%			2043	**	1	
Conversion Equipment							
Ext Pkg Unit - Cooling	80%			2026	**	2	\$1,600
		<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	\$18,100
Exhaust Fans							
Roof	100%			2026	**	2	\$1,000
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2047	**	1	
Water Heater							
Oil Fired	100%			2019	\$11,200	1	\$1,000
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Boiler Room</i>					
		<i>Explanation : Two 250 Gallon Tanks</i>					
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Backflow Preventer							
Generic	100%			2029	**	1	\$2,000
Fixtures							
Generic	100%						B
Vertical Transport							
Elevators							
Geared Traction	100%			LIFE	**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : 1-4</i>					
		<i>Explanation : One Unit</i>					
Fire Suppression							
Sprinkler							
Generic	100%			2047	**	1-2	\$9,100

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

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

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

Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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** : 29-Jun-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1819 **Lot** : 40 **BIN** :

**CAPITAL**

**Total**

Priority

**Total**

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$53,500			
Interior Architecture	\$10,900			
Electrical				
Mechanical			\$100	
<b>Total</b>	<b>\$64,400</b>		<b>\$100</b>	
Priority A	\$53,500			
Priority B	\$100		\$100	
Priority C	\$10,900			
<b>Total</b>	<b>\$64,400</b>		<b>\$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.

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	90%	0-2	\$9,100	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+	\$1,800	2034	**	5	\$500	A
<i>Deformed/Dented, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	100%	Now	\$18,300	2046	**	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								
Masonry: Brick	100%	0-2	\$1,200	LIFE	**	5	\$400	A
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Roof								
Skylight, Metal/Glass	3%	0-2	\$1,300	2041	**			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	\$21,700	2031	**			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%			LIFE	**	5	\$11,600	C
Interior Walls								
Concrete Masonry Unit	100%	4+	\$10,900	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>								
Ceilings								
Exposed Concrete	100%			LIFE	**	5	\$600	B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor</i>								

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

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

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Raceway								
Conduit	100%			2031	**	1		B
Panelboards								
Molded Case Bkrs	100%			2029	**	5	\$100	B
Wiring								
Thermoplastic	100%			2031	**	1		B
Lighting								
Exterior Lighting								
HID	100%			2021	\$200	10		B
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	10%			2026	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : 2 Floors</i>								
<i>Explanation : Standpipe Only</i>								
No Component	90%							D
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : 1, 2, Roof</i>								
<i>Explanation : Roof Drains Only</i>								
Fire Suppression								
Standpipe								
No Component	90%							D
Generic	10%			2031	**	1-5	\$200	B

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

Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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** : 30-Jun-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1819 **Lot** : 40 **BIN** :

**CAPITAL**

**Total**

Priority

**Total**

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$5,000			\$500
Interior Architecture	\$70,300	\$600		\$3,300
Electrical		\$100	\$21,500	
Mechanical	\$4,700	\$800	\$13,800	\$1,100
<b>Total</b>	<b>\$80,100</b>	<b>\$1,600</b>	<b>\$35,300</b>	<b>\$4,800</b>
Priority A	\$5,000			\$500
Priority B	\$39,000	\$900	\$35,300	\$1,100
Priority C	\$36,100	\$600		\$3,300
<b>Total</b>	<b>\$80,100</b>	<b>\$1,600</b>	<b>\$35,300</b>	<b>\$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.

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

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	90%			LIFE	**	5	\$6,400	A
Wood Overhead Doors	10%	Now	\$5,000	2034	**	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>								
<b>Windows</b>								
Aluminum	100%			2037	**	5	\$900	A
<b>Parapets</b>								
Masonry: Brick	95%			LIFE	**	5	\$800	A
Pre-Cast Concrete	5%			LIFE	**	5	\$300	A
<b>Roof</b>								
Modified Bitumen	100%			2031	**	10	\$7,700	A
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
<b>Floors</b>								
Carpet	50%	Now	\$35,300	2023	\$35,300	3	\$9,200	C
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	30%			LIFE	**	5	\$8,000	C
Ceramic Tile	5%			2030	**	5	\$600	C
Vinyl Tile	15%	Now	\$900	2026	**	3	\$700	C
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Interior Walls</b>								
Ceramic Tile	5%			2030	**	5	\$700	C
Concrete Masonry Unit	60%			LIFE	**	5	\$3,300	C
Gypsum Board	15%			LIFE	**	5	\$1,200	C
SGFT/Glazed Masonry	20%			LIFE	**			C
<b>Ceilings</b>								
AcousTileSusp.Lay-In	60%	2-4	\$34,200	2041	**	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%			LIFE	**			B
Gypsum Board	15%			LIFE	**	5	\$1,600	B

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

Under 600 Volts

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**FIRE DEPARTMENT - 057**  
**FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8**  
**Asset # : 1992**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2021	\$900	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%			2021	\$19,400	5		B
Raceway								
Conduit	20%			2031	* *	1		B
Conduit	80%			2021	\$16,900	1		B
Panelboards								
Fused Disc Sw	10%			2020	\$1,100	5		B
Molded Case Bkrs	80%			2020	\$8,800	5	\$200	B
Molded Case Bkrs	10%			2029	* *	5		B
Wiring								
Thermoplastic	80%			2021	\$11,800	1		B
Thermoplastic	20%			2031	* *	1		B
Motor Controllers								
Locally Mounted	100%			2019	\$4,100	5	\$100	B
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							D
<b>Lighting</b>								
Interior Lighting								
Fluorescent	85%			2016	\$15,100	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%			2021	\$1,800	10	\$700	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Garrage</i>						
		<i>Explanation : Using T-8 Lamps</i>						
HID	5%			2021	\$200	10		B

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Fuel Oil No 2	100%			2031	* *	5	\$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 FIRST LINE SUPERVISORS BLDG #8**  
**Asset # : 1992**

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2026	**	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%			2037	**	4	\$400	B
Terminal Devices								
Air Handler	20%			2021	\$9,800	1	\$1,000	B
Convactor/Radiator	70%			2026	**	1	\$1,900	B
Unit Heater-Stm/HW	10%			2021	\$5,900	4	\$100	B
Air Conditioning								
Energy Source								
Electricity	100%			2037	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	40%			2021	\$16,800	2	\$200	B
Window/Wall Unit	60%			2016	\$11,200	1		B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$4,600	B
Exhaust Fans								
Roof	100%			2021	\$7,200	2	\$300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	**	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	\$4,000	2026	**	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%			2031	**	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 : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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** : 30-Jun-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1819 **Lot** : 40 **BIN** :

<b>CAPITAL</b>		<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Interior Architecture			\$37,500
Mechanical			\$59,800
<b>Total</b>			<b>\$97,200</b>
Priority B			\$59,800
Priority C			\$37,500
<b>Total</b>			<b>\$97,200</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$1,800		\$5,900	\$400
Interior Architecture	\$14,500	\$800		
Electrical		\$100	\$22,100	\$100
Mechanical	\$800	\$900	\$11,100	\$1,100
<b>Total</b>	<b>\$17,100</b>	<b>\$1,800</b>	<b>\$39,100</b>	<b>\$1,600</b>
Priority A	\$1,800		\$5,900	\$400
Priority B	\$1,300	\$900	\$33,200	\$1,200
Priority C	\$14,000	\$800		
<b>Total</b>	<b>\$17,100</b>	<b>\$1,800</b>	<b>\$39,100</b>	<b>\$1,600</b>



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

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

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

**FIRE DEPARTMENT - 057**  
**FIRE ACADEMY 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	\$5,900	A
Masonry: Brick	7%			LIFE	**	5	\$500	A
Metal Coiling Doors	15%			2034	**	5	\$3,700	A
Metal Coiling Doors	3%			2038	**	5	\$700	A
Windows								
Aluminum	90%			2037	**	5	\$900	A
Aluminum	10%			2043	**	5	\$100	A
Parapets								
Masonry: Brick	80%			LIFE	**	5	\$700	A
Masonry: Brick	8%			LIFE	**	5	\$100	A
Pre-Cast Concrete	10%			LIFE	**	5	\$600	A
Pre-Cast Concrete	2%			LIFE	**	5	\$100	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 Addition</i>				
				<i>Explanation : Wood Deck</i>				
Modified Bitumen	70%			2026	**	10	\$5,900	A
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	**	5	\$14,700	C
Cast in Place Concrete	10%			LIFE	**	5	\$2,900	C
Ceramic Tile	5%			2030	**	5	\$700	C
Quarry Tile	5%			2034	**	5	\$1,000	C
Vinyl Tile	30%			2021		3	\$1,500	C
Interior Walls								
Concrete Masonry Unit	35%			LIFE	**	5	\$2,100	C
Concrete Masonry Unit	10%			LIFE	**	5	\$600	C
Gypsum Board	15%			LIFE	**	5	\$1,300	C
SGFT/Glazed Masonry	40%	Now	\$13,500	LIFE	**			C
				<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : Garage</i>				
Ceilings								
AcousTileSusp.Lay-In	30%			2038	**	5	\$2,900	B
AcousTileSusp.Lay-In	10%			2034	**	5	\$1,000	B
Exposed Struc: Steel	40%			LIFE	**			B
Exposed Struc: Steel	10%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$1,200	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								

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

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	50%			2041	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Amps Main Disconnect Switch</i>								
Fused Disc Sw	50%			2041	**	5		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Amps Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2031	**	5	\$200	B
<b>Raceway</b>								
Conduit	50%			2021	\$10,600	1		B
Conduit	50%			2041	**	1		B
<b>Panelboards</b>								
Molded Case Bkrs	50%			2020	\$5,500	5	\$100	B
Molded Case Bkrs	50%			2037	**	5	\$100	B
<b>Wiring</b>								
Thermoplastic	50%			2021	\$7,400	1		B
Thermoplastic	50%			2041	**	1		B
<b>Motor Controllers</b>								
Locally Mounted	100%			2019	\$8,300	5	\$100	B
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	5%			2026	**	10	\$400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Stairway</i>								
<i>Explanation : Using Compact Fluorescent Lamps</i>								
Fluorescent	65%			2016	\$12,600	10	\$5,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Using T-12 Lamps</i>								
Fluorescent	30%			2026	**	10	\$2,500	B
<b>Egress Lighting</b>								
Emergency, Battery	50%			2026	**	10	\$1,100	B
Exit, Service	50%			2026	**	1		B
<b>Exterior Lighting</b>								
HID	100%			2026	**	10		B
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Fuel Oil No 2	100%			2031	**	5	\$2,800	B

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

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2026	**	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%			2029	**	4	\$400	B
Terminal Devices								
Convactor/Radiator	60%			2026	**	1	\$1,700	B
Fan Coil Unit/Heat	40%			2021	\$59,800	1	\$1,200	B
Air Conditioning								
Energy Source								
Electricity	100%			2037	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2026	**	2	\$100	B
Window/Wall Unit	40%			2016	\$8,200	1		B
No Component	40%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$5,000	B
Exhaust Fans								
Roof	100%			2021	\$7,900	2	\$300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	**	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%			2031	**	1-2	\$600	B

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

Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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** : 29-Jun-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1819 **Lot** : 40 **BIN** :

**CAPITAL**

**Total**

Priority

**Total**

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$2,100			
Interior Architecture	\$100			\$100
Electrical				
Mechanical	\$600	\$600	\$900	\$2,000
<b>Total</b>	<b>\$2,700</b>	<b>\$600</b>	<b>\$900</b>	<b>\$2,100</b>
Priority A	\$2,100			
Priority B	\$600	\$600	\$900	\$2,000
Priority C	\$100			\$100
<b>Total</b>	<b>\$2,700</b>	<b>\$600</b>	<b>\$900</b>	<b>\$2,100</b>



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

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

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

**FIRE DEPARTMENT - 057**  
**FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14**  
**Asset # : 13719**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	5%			LIFE	**	5	\$3,100	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	\$6,600	A
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	10%			2038	**	5	\$3,900	A
<b>Windows</b>								
Metal Louvers	100%			2034	**	10	\$2,100	A
<b>Parapets</b>								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$1,900	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	\$2,500	A
<b>Roof</b>								
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>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	90%			LIFE	**	5	\$13,900	C
Vinyl Tile	10%			2029	**	3	\$400	C
<b>Interior Walls</b>								
Concrete Masonry Unit	92%			LIFE	**	5	\$1,900	C
Concrete Masonry Unit	8%			LIFE	**	5	\$200	C
<i>Other Observation, Extent : Moderate, Area Affected : 8%</i>								
<i>Location : At Train Platform</i>								
<i>Explanation : 6" X 6" Units</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	10%			2038	**	5	\$700	B
Exposed Struc: Steel	90%			LIFE	**			B

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Raceway</b>								
Conduit	100%			2047	**	1		B

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**FIRE DEPARTMENT - 057**  
**FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14**  
**Asset # : 13719**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2043	**	5	\$100	B
Wiring								
Thermoplastic	100%			2047	**	1		B
Motor Controllers								
Locally Mounted	100%			2038	**	5		B
Lighting								
Interior Lighting								
Fluorescent	94%			2029	**	10	\$4,100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Using T-8 Lamps</i>						
Fluorescent	4%			2029	**	10	\$200	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Hallways</i>						
		<i>Explanation : Using T-5 Lamps</i>						
HID	2%			2029	**	10		B
Egress Lighting								
Emergency, Battery	50%			2029	**	10	\$600	B
Exit, Service	50%			2029	**	1		B
Exterior Lighting								
HID	100%			2029	**	10		B

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Fuel Oil No 2	100%			2047	**	5	\$1,500	B
Conversion Equipment								
Hot Water Boiler	100%			2038	**	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%			2043	**	4	\$300	B
Terminal Devices								
Air Handler	40%			2029	**	1	\$1,200	B
Convactor/Radiator	20%			2038	**	1	\$300	B
Unit Heater-Stm/HW	40%			2029	**	4	\$200	B
Air Conditioning								
Energy Source								
Electricity	100%			2043	**	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	10%			2026	**	2		B
No Component	90%							D

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\*\* 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**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$2,600	B
Exhaust Fans								
Roof	100%			2029	* *	2	\$100	B
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2047	* *	1		B
Water Heater								
Electric	100%			2020	\$800	4		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
<b>Fire Suppression</b>								
Standpipe								
Generic	100%			2047	* *	1-5	\$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.*

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Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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** : 30-Jun-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,3,5  
**Block** : 1819 **Lot** : 40 **BIN** : 1085911

<b>CAPITAL</b>		<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture		\$62,900	\$140,800
Interior Architecture			\$101,800
<b>Total</b>		<b>\$62,900</b>	<b>\$242,600</b>
Priority A		\$62,900	\$140,800
Priority C			\$101,800
<b>Total</b>		<b>\$62,900</b>	<b>\$242,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture		\$7,300		\$11,800
Interior Architecture	\$2,100			
Electrical	\$3,500	\$2,900	\$31,100	\$3,900
Mechanical	\$1,100	\$1,700	\$1,100	\$1,200
<b>Total</b>	<b>\$6,700</b>	<b>\$12,000</b>	<b>\$32,200</b>	<b>\$16,900</b>
Priority A		\$7,300		\$11,800
Priority B	\$4,600	\$4,600	\$32,200	\$5,100
Priority C	\$2,100			
<b>Total</b>	<b>\$6,700</b>	<b>\$12,000</b>	<b>\$32,200</b>	<b>\$16,900</b>



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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	60%			LIFE	**	5	\$37,700	A
Metal Panel	20%			2047	**	5-10	\$86,400	A
Metal Sect. OHD	10%			2038	**	5	\$19,600	A
Window Wall	10%			2047	**	5	\$23,600	A
<b>Windows</b>								
Aluminum	100%			2043	**	5	\$9,500	A
<b>Parapets</b>								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$4,800	A
Masonry: Brick	30%			LIFE	**	5	\$1,800	A
Metal Rail	5%			2038	**	5-10	\$5,500	A
No Component	55%							D
<b>Roof</b>								
Metal Panel	80%			2038	**	10	\$64,600	A
Roll Roofing	20%			2020	\$38,500	5	\$14,700	A
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	93%			LIFE	**	5	\$101,800	C
Ceramic Tile	7%			2034	**	5	\$3,500	C
<b>Interior Walls</b>								
Ceramic Tile	2%			2034	**	5	\$800	C
Concrete Masonry Unit	75%			LIFE	**	5	\$11,700	C
Gypsum Board	5%			LIFE	**	5	\$1,200	C
Masonry: Brick	12%			LIFE	**			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Streetscape Mockup</i>						
		<i>Explanation : Simulated Brick Building Facade Mockups</i>						
Metal Coiling Doors	6%			2043	**	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>						
<b>Ceilings</b>								
Exposed Struc: Steel	95%			LIFE	**			B
Metal Panel	5%			LIFE	**	5	\$4,100	B

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2041	**	5	\$900	B
<b>Raceway</b>								
Conduit	100%			2041	**	1		B
<b>Panelboards</b>								
Molded Case Bkrs	100%			2037	**	5	\$900	B

**Lighting**

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	90%			2026	**	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>								
HID	10%			2026	**	10	\$100	B
<b>Egress Lighting</b>								
Emergency, Service	50%			2026	**	1		B
Exit, LED	50%			2036	**	1		B
<b>Exterior Lighting</b>								
HID	100%			2026	**	10	\$100	B
<b>Alarm</b>								
<b>Security System</b>								
No Component	20%							D
Generic	80%			2026	**	1	\$10,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Security Room</i>								
<i>Explanation : Premium System</i>								
<b>Fire/Smoke Detection</b>								
Generic	100%			2026	**	1-3	\$21,300	B
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Distribution</b>								
Hot Wtr Piping/Pump	100%			2043	**	4	\$2,500	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bldg 9</i>								
<i>Explanation : Hot Water From Adjacent Building</i>								
<b>Terminal Devices</b>								
Convactor/Radiator	80%			2038	**	1	\$8,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Ground Level</i>								
<i>Explanation : Radiant Heating Pipes In Floor</i>								
Unit Heater-Stm/HW	20%			2029	**	4	\$600	B
<b>Air Conditioning</b>								
<b>Energy Source</b>								
Electricity	100%			2043	**	1		B
<b>Conversion Equipment</b>								
Int Pkg Unit - Cooling	5%			2025	**	2	\$100	B
No Component	95%							D
<b>Ventilation</b>								
<b>Exhaust Fans</b>								
Roof	100%			2026	**	2	\$1,000	B
<b>Plumbing</b>								

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

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

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

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

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	20%			2047	* *	1		B
No Component	80%							D
Water Heater								
Electric	20%			2019	\$1,200	4	\$100	B
No Component	80%							D
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B

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

Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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** : 29-Jun-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,3,5  
**Block** : 1819 **Lot** : 40 **BIN** :

**CAPITAL**

Total

Priority

Total

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture			\$400	
Interior Architecture				
Electrical	\$100			
Mechanical	\$10,200	\$200	\$700	\$300
<b>Total</b>	<b>\$10,300</b>	<b>\$200</b>	<b>\$1,100</b>	<b>\$300</b>
Priority A			\$400	
Priority B	\$10,300	\$200	\$700	\$300
Priority C				
<b>Total</b>	<b>\$10,300</b>	<b>\$200</b>	<b>\$1,100</b>	<b>\$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.

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
Exterior Walls								
Masonry: Brick	100%			LIFE	**	5	\$5,000	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<hr/>								
Windows								
Aluminum	100%			2046	**	5	\$600	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Parapets								
Cast in Place Concrete	45%			LIFE	**	5	\$1,100	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	50%			LIFE	**	5	\$100	A
Metal Rail	5%			2041	**	5-10	\$200	A
<hr/>								
<b>Roof</b>								
Skylight, Metal/Glass	2%			2051	**	10	\$100	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Traffic Topping	98%			2031	**	10	\$3,500	A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Interior</b>								
Floors								
Cast in Place Concrete	95%			LIFE	**	5	\$14,300	C
Steel Grating	5%			2047	**	1		C
<hr/>								
Interior Walls								
Concrete Masonry Unit	100%			LIFE	**	5	\$3,100	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								
<hr/>								
Ceilings								
Exposed Concrete	100%			LIFE	**	5	\$800	B
<i>Recent Repair Evident, Extent : Light, Area Affected : 66%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Raceway								
Conduit	100%			2031	**	1		B
<hr/>								
Panelboards								
Molded Case Bkrs	100%			2029	**	5	\$100	B
<hr/>								
Wiring								
Thermoplastic	100%			2031	**	1		B
<hr/>								
Motor Controllers								
Locally Mounted	100%			2026	**	5		B

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	20%			2021	\$2,000	10	\$800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : First Floor And Basement</i>								
<i>Explanation : Using T-8 Lamps</i>								
Fluorescent	80%			2021	\$8,000	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%			2021	\$300	10		B

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Electricity	20%			2041	**	1		B
No Component	80%							D
Conversion Equipment								
Radiant Heater	20%			2021	\$4,500	2	\$400	B
No Component	80%							D
<b>Ventilation</b>								
Exhaust Fans Wall Unit	100%			2021	\$7,700	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>								
<b>Plumbing</b>								
H/C Water Piping Galv Iron/Steel	10%			2034	**	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
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	\$10,100	2031	**	4	\$1,300	B
<i>Not in Service, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								

**Fire Suppression**

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

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

<b>Mechanical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Fire Suppression Standpipe Generic	100%			2041	* *	1-5	\$2,400	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.*

Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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** : 30-Jun-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1819 **Lot** : 40 **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$79,300	
<b>Total</b>	<b>\$79,300</b>	
Priority A	\$79,300	
<b>Total</b>	<b>\$79,300</b>	

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$4,000		\$20,500	\$300
Interior Architecture	\$18,400	\$600	\$1,500	\$800
Electrical	\$1,700	\$2,300	\$5,600	\$1,500
Mechanical	\$3,800	\$1,300	\$5,400	\$1,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$31,800</b>	<b>\$8,100</b>	<b>\$36,900</b>	<b>\$8,200</b>
Priority A	\$4,000		\$20,500	\$300
Priority B	\$9,500	\$7,600	\$16,400	\$7,100
Priority C	\$18,400	\$600		\$800
<b>Total</b>	<b>\$31,800</b>	<b>\$8,100</b>	<b>\$36,900</b>	<b>\$8,200</b>



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**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	
<b>Exterior</b>								
Exterior Walls								
Masonry: Brick	45%			LIFE	**	5	\$19,700	A
Masonry: Brick	20%			LIFE	**	5	\$8,800	A
Metal Sect. OHD	30%			2026	**	5	\$41,000	A
Metal Sect. OHD	5%			2038	**	5	\$6,800	A
Windows								
Aluminum	90%			2037	**	5	\$600	A
Aluminum	10%			2043	**	5	\$100	A
Parapets								
Pre-Cast Concrete	10%			LIFE	**	5	\$1,500	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%			2029	**	10	\$6,100	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	2017	\$79,300	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>							
<b>Interior</b>								
Floors								
Cast in Place Concrete	40%	Now	\$5,800	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	\$8,500	C
Ceramic Tile	5%			2030	**	5	\$1,000	C
Vinyl Tile	35%	Now	\$12,600	2026	**	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%			2030	**	5	\$200	C
Concrete Masonry Unit	55%			LIFE	**	5	\$700	C
Concrete Masonry Unit	20%			LIFE	**	5	\$300	C
SGFT/Glazed Masonry	20%			LIFE	**			C
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : Garage Area</i>							

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	15%			2026	**	5	\$2,900	B
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Room 202</i>								
AcousTileSusp.Lay-In	5%			2038	**	5	\$1,000	B
Exposed Struc: Steel	50%			LIFE	**			B
Exposed Struc: Steel	20%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$2,400	B
<b>Electrical</b>								
<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>				
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2041	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	50%			2021	\$9,700	5		B
Fused Disc Sw	50%			2041	**	5		B
<b>Raceway</b>								
Conduit	80%			2021	\$16,900	1		B
Conduit	20%			2041	**	1		B
<b>Panelboards</b>								
Molded Case Bkrs	90%			2020	\$9,900	5	\$300	B
Molded Case Bkrs	10%			2037	**	5		B
<b>Wiring</b>								
Thermoplastic	80%			2021	\$11,800	1		B
Thermoplastic	20%			2041	**	1		B
<b>Motor Controllers</b>								
Locally Mounted	20%			2019	\$1,700	5		B
Locally Mounted	80%			2026	**	5	\$100	B
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$200	B
<b>Stand-by Power</b>								
<b>Transfer Switches</b>								
Automatic	100%			2034	**	1	\$3,700	B
<b>Generators</b>								
Diesel	100%			2030	**	1	\$4,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside - Near Bldgs 6 &amp; 7</i>								
<i>Explanation : One 425 Kva - Supplies Emergency Power To Bldgs. 6, 7, 8, 10 &amp; 14</i>								
<b>Batteries</b>								
Lead/Acid	100%			2015	\$600	5	\$400	B

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

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

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

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Stand-by Power								
Fuel Storage								
Main Tank	100%			2049	**	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%			2026	**	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%			2021	\$5,100	10	\$300	B
Egress Lighting								
Emergency, Service	50%			2026	**	1		B
Exit, Service	50%			2026	**	1		B
Exterior Lighting								
HID	100%			2026	**	10		B
Alarm								
Fire/Smoke Detection								
No Component	30%							D
Generic	70%			2026	**	1-3	\$5,400	B
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Fuel Oil No 2	100%			2031	**	5	\$4,000	B
Conversion Equipment								
Furnace	20%			2021	\$3,500	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%			2038	**	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%			2029	**	4	\$600	B
Terminal Devices								
Convactor/Radiator	50%			2026	**	1	\$2,100	B
Fan Coil Unit/Heat	50%			2026	**	1	\$2,100	B
Air Conditioning								
Energy Source								
Electricity	100%			2037	**	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 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	
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	20%	Now	\$2,700	2021	\$13,300	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>								
No Component	80%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$7,200	B
Exhaust Fans								
Roof	85%			2021	\$9,700	2	\$300	B
Wall Unit	15%			2021	\$3,300	2	\$100	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	**	1		B
Water Heater								
Electric	50%			2016	\$1,100	4		B
Electric	50%			2020	\$1,100	4		B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2026	**	1	\$800	B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
No Component	80%							D
Generic	20%			2041	**	1-2	\$700	B

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

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

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

Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture		\$153,300
Interior Architecture		\$32,600
Electrical		\$704,600
Mechanical		\$216,300
<b>Total</b>		<b>\$1,106,800</b>
Priority A		\$153,300
Priority B		\$920,900
Priority C		\$32,600
<b>Total</b>		<b>\$1,106,800</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$105,300		\$6,300	\$3,300
Interior Architecture	\$71,800	\$900	\$3,800	\$1,300
Electrical	\$16,400	\$3,400	\$4,400	\$4,600
Mechanical	\$42,500	\$6,100	\$8,900	\$4,900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$239,900</b>	<b>\$14,200</b>	<b>\$27,400</b>	<b>\$18,100</b>
Priority A	\$105,300		\$6,300	\$3,300
Priority B	\$80,100	\$13,400	\$18,200	\$13,400
Priority C	\$54,500	\$900	\$2,900	\$1,300
<b>Total</b>	<b>\$239,900</b>	<b>\$14,200</b>	<b>\$27,400</b>	<b>\$18,100</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.

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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	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	3%	Now	\$7,600	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	\$69,900	A
Metal Sect. OHD	10%			2036	**	5	\$12,500	A
<b>Windows</b>								
Aluminum	95%	Now	\$23,700	2031	**	5	\$5,000	A
	<i>Crwt/Balnc Not Funct, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
Steel	5%			2022	\$30,300	5	\$6,600	A
	<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Stairs</i>							
<b>Parapets</b>								
Masonry: Brick	95%			LIFE	**	5-10	\$26,300	A
Pre-Cast Concrete	5%			LIFE	**	5	\$2,600	A
<b>Roof</b>								
Asphalt Shingle	2%			2026	**	10	\$100	A
Modified Bitumen	98%	Now	\$15,300	2018	\$153,300			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>							
<b>Interior</b>								
<b>Floors</b>								
Carpet	10%			2022	\$20,200	3	\$5,300	C
Cast in Place Concrete	25%	Now	\$26,100	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	\$1,100	C
Vinyl Tile	10%			2018	\$32,600	3	\$1,800	C
Vinyl Tile	26%			2028	**	3	\$3,400	C
Vinyl Tile	20%			2033	**	3	\$2,600	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>							

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

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
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	\$3,500	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	**	5-10	\$15,000	C
<i>Recent Construction, Extent : Light, Area Affected : 40%</i>								
<i>Location : 2nd Floor</i>								
Plaster	48%			LIFE	**	5-10	\$17,900	C
SGFT/Glazed Masonry	20%			LIFE	**	10	\$4,400	C
<b>Ceilings</b>								
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	**	5-10	\$8,800	B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Stair 3 At Cellar</i>								
Plaster	25%			LIFE	**	5-10	\$15,100	B
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Dormitory In Fire Marshals Area; 2nd Floor Locker Room</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Molded Case Bkrs	100%			2023	\$15,600	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>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2023	\$72,700	5	\$700	B
<b>Raceway</b>								
Conduit	20%			2033	**	1		B
Conduit	80%			2023	\$31,900	1		B

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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 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	\$35,300	5	\$600	B
Molded Case Bkrs	20%			2031	* *	5	\$100	B
Wiring								
Thermoplastic	20%			2033	* *	1		B
Thermoplastic	80%			2023	\$32,800	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$54,000	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	\$10,300	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	\$66,100	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								

Note : 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 MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1**

**Asset # : 2011**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	30%			2023	\$34,700	10	\$6,500	B
	<i>T-12 Lamps, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Fluorescent	8%	Now	\$9,200	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	\$69,300	10	\$12,900	B
	<i>T-8 Lamps, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Incandescent	2%			2023	\$2,300	2		B
<b>Egress Lighting</b>								
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>							
<b>Exterior Lighting</b>								
HID	100%			2023	\$10,900	10	\$100	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Facade</i>							
	<i>Explanation : Downlights, Controlled Via Switch</i>							
<b>Alarm</b>								
Fire/Smoke Detection								
Generic	100%			2023	\$308,000	1-3	\$17,000	B

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2043	**	1		B
<b>Conversion Equipment</b>								
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>							

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

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

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Distribution								
Hot Wtr Piping/Pump	85%			2031	**	4	\$1,500	B
Hot Wtr Piping/Pump	15%			2048	**	4	\$200	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Division I</i>								
Terminal Devices								
Convactor/Radiator	75%			2028	**	1	\$5,700	B
Convactor/Radiator	15%			2043	**	1	\$1,100	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor Division I</i>								
Fan Coil Unit/Heat	10%			2023	\$39,100	1	\$800	B
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2039	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	75%	2-4	\$19,900	2023	\$66,400	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>								
Window/Wall Unit	5%			2021	\$2,700	1		B
No Component	20%							D
Distribution								
Chilled Wtr Pipe/Pump	100%	Now	\$5,100	2033	**	4	\$1,200	B
<i>Insul. Deteriorating, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Mechanical Room On Roof</i>								
Terminal Devices								
Air Handler/Cool/Ht	85%			2023	\$75,400	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>								
Heat Rejection								
Air Condenser Unit	85%			2018	\$35,400	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>								
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%	Now	\$11,300	LIFE	**	2-5	\$13,100	B
<i>Insul. Deteriorating, Extent : Severe, Area Affected : 20%</i>								
<i>Location : 2nd Floor, Kitchen</i>								
Exhaust Fans								
Interior	25%			2023	\$7,200	2	\$200	B
Roof	75%			2023	\$15,600	2	\$500	B

**Plumbing**

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

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

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

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

Mechanical	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
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	100%			2043	* *	1		B
Water Heater Gas Fired	100%			2018	\$6,100	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	\$10,100	4	\$2,000	B
Fixtures Generic	100%							B
<b>Vertical Transport</b>								
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>						
<b>Fire Suppression</b>								
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 : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture		\$558,400
Interior Architecture	\$1,057,400	\$374,700
Electrical		\$84,000
Mechanical	\$104,800	\$205,700
<b>Total</b>	<b>\$1,162,100</b>	<b>\$1,222,800</b>
Priority A		\$558,400
Priority B	\$143,100	\$289,700
Priority C	\$1,019,000	\$374,700
<b>Total</b>	<b>\$1,162,100</b>	<b>\$1,222,800</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$4,400		\$29,100	
Interior Architecture	\$14,300	\$5,700		\$2,900
Electrical	\$25,500	\$25,500	\$63,000	\$25,500
Mechanical	\$700	\$1,100	\$12,800	\$1,700
<b>Total</b>	<b>\$44,900</b>	<b>\$32,200</b>	<b>\$104,800</b>	<b>\$30,100</b>
Priority A	\$4,400		\$29,100	
Priority B	\$37,600	\$26,500	\$75,700	\$27,200
Priority C	\$2,900	\$5,700		\$2,900
<b>Total</b>	<b>\$44,900</b>	<b>\$32,200</b>	<b>\$104,800</b>	<b>\$30,100</b>



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

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

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

**FIRE DEPARTMENT - 057**  
**MAINTENANCE GARAGE LIC**  
**Asset # : 2010**

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	\$4,400	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	\$1,019,000	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	\$11,400	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

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



**FIRE DEPARTMENT - 057**  
**MAINTENANCE GARAGE LIC**  
**Asset # : 2010**

Architecture		Current Repair		Future Replacement		Maintenance		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	\$38,300	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**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Lighting</b>								
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
<b>Egress Lighting</b>								
Emergency, Battery	30%			2026	**	10	\$11,100	B
Exit, Service	70%			2026	**	1		B
<b>Exterior Lighting</b>								
HID	100%			2031	**	10	\$500	B
<b>Alarm</b>								
<b>Security System</b>								
No Component	30%							D
Generic	70%			2031	**	1	\$43,900	B
<b>Fire/Smoke Detection</b>								
Generic	100%			2031	**	1-3	\$103,500	B
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Heating</b>								
Energy Source Interruptible Gas/Dual Fuel	100%			2041	**	1		B
Conversion Equipment Not Accessible	100%							D
Distribution Not Accessible	100%							D
<b>Terminal Devices</b>								
Air Handler	60%			2026	**	1	\$600	B
Convactor/Radiator	40%			2026	**	1	\$200	B
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2029	**	1		B
<b>Conversion Equipment</b>								
Ext Pkg Unit - Cooling	5%			2026	**	2	\$500	B
Window/Wall Unit	30%			2016	\$104,800	1		B
No Component	65%							D
<b>Ventilation</b>								
<b>Distribution</b>								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$85,100	B
<b>Exhaust Fans</b>								
Interior	5%			2026	**	2	\$200	B
Roof	95%			2021	\$128,300	2	\$4,500	B
<b>Plumbing</b>								

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**FIRE DEPARTMENT - 057**  
**MAINTENANCE GARAGE LIC**  
**Asset # : 2010**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	100%			2031	* *	1		B
Water Heater Gas Fired	100%			2020	\$39,500	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	\$10,100	4	\$1,300	B
<b>Fire Suppression</b>								
Standpipe Generic	100%			2031	* *	1-5	\$800	B
Sprinkler Generic	100%			2031	* *	1-2	\$400	B

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Print Date : 22-Oct-2012

### FIRE DEPARTMENT - FY 2013

**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 2014 - 2017	FY 2018 - 2023
Exterior Architecture			\$63,000
Interior Architecture			\$44,400
<b>Total</b>			<b>\$107,400</b>
Priority	A		\$63,000
Priority	C		\$44,400
<b>Total</b>			<b>\$107,400</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture				\$29,900
Interior Architecture				\$5,200
Electrical	\$800	\$600	\$600	\$600
Mechanical	\$2,500	\$1,400	\$6,500	\$1,400
<b>Total</b>	<b>\$3,300</b>	<b>\$2,000</b>	<b>\$7,100</b>	<b>\$37,100</b>
Priority	A			\$29,900
Priority	B	\$3,300	\$2,000	\$3,100
Priority	C			\$4,000
<b>Total</b>	<b>\$3,300</b>	<b>\$2,000</b>	<b>\$7,100</b>	<b>\$37,100</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**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
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
<b>Windows</b>								
Aluminum	100%			2047	**	5	\$1,000	A
<b>Parapets</b>								
Metal Rail	10%			2042	**	5-10	\$3,600	A
No Component	90%							D
<b>Roof</b>								
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
<b>Interior</b>								
<b>Floors</b>								
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
<b>Interior Walls</b>								
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
<b>Ceilings</b>								
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

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
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
<b>Ground</b>								
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>						
<b>Stand-by Power</b>								
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
<b>Lighting</b>								
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 &amp; Compact Lamps</i>						
Egress Lighting								
Exit, LED	100%			2057	**	1		B
Exterior Lighting								
HID	100%			2030	**	10	\$100	B
<b>Alarm</b>								
Fire/Smoke Detection								
No Component	90%							D
Generic	10%			2030	**	1-3	\$1,000	B

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2048	**	1		B

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**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	\$400	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	\$4,100	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.

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**FIRE DEPARTMENT - 057**  
**RESCUE 3**  
**Asset # : 14463**

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Sewage Ejector(s)								
Electric	100%			2030	* *	4	\$2,000	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

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Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$4,536,300	\$673,800
Interior Architecture	\$1,641,900	\$219,300
Electrical	\$790,600	\$1,472,900
Mechanical	\$334,300	\$1,264,700
<b>Total</b>	<b>\$7,303,200</b>	<b>\$3,630,700</b>
Priority A	\$4,536,300	\$673,800
Priority B	\$1,317,200	\$2,737,600
Priority C	\$1,449,600	\$219,300
<b>Total</b>	<b>\$7,303,200</b>	<b>\$3,630,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture			\$22,300	
Interior Architecture		\$2,900		\$1,500
Electrical	\$51,000	\$14,200	\$65,900	\$11,900
Mechanical	\$9,000	\$8,000	\$41,300	\$9,300
<b>Total</b>	<b>\$60,000</b>	<b>\$25,100</b>	<b>\$129,500</b>	<b>\$22,700</b>
Priority A			\$22,300	
Priority B	\$60,000	\$22,100	\$107,200	\$21,200
Priority C		\$2,900		\$1,500
<b>Total</b>	<b>\$60,000</b>	<b>\$25,100</b>	<b>\$129,500</b>	<b>\$22,700</b>



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

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

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

**FIRE DEPARTMENT - 057**  
**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		
<b>Exterior</b>									
<b>Exterior Walls</b>									
Cast in Place Concrete	15%	Now	\$519,400	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	\$585,800	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	\$212,400	2051	**	5	\$51,500	A	
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
Metal Coiling Doors	10%	Now	\$493,400	2034	**	5	\$42,900	A	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Throughout,</i>									
<b>Windows</b>									
Aluminum	50%	Now	\$109,600	2029	**	5	\$11,700	A	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
Steel	50%	Now	\$1,330,200	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>									
<b>Parapets</b>									
Masonry: Brick	90%	Now	\$958,500	LIFE	**	5	\$49,000	A	
<i>Loose Units, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : Throughout</i>									
Metal Panel	10%	Now	\$185,100	2031	**	5	\$10,500	A	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 40%</i>									
<i>Location : Throughout</i>									
<b>Roof</b>									
Modified Bitumen	90%	Now	\$141,900	2026	**			A	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
Single Ply Membrane	10%			2026	**	10	\$22,300	A	
<b>Interior</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**  
**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	\$894,600	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	\$54,900	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	\$392,000	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	\$108,200	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	\$192,300	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	\$29,800	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.

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**FIRE DEPARTMENT - 057**  
**SUPPORT SERVICES BUILDING**

**Asset # : 4437**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	30%			2021	\$43,600	5	\$100	B
Molded Case Bkrs	40%			2031	**	5	\$900	B
Molded Case Bkrs	30%			2021	\$43,600	5	\$700	B
<b>Raceway</b>								
Conduit	70%			2021	\$71,600	1		B
Conduit	30%			2031	**	1		B
<b>Panelboards</b>								
Fused Disc Sw	5%			2020	\$7,200	5	\$100	B
Molded Case Bkrs	35%			2029	**	5	\$800	B
Molded Case Bkrs	60%			2020	\$86,000	5	\$1,300	B
<b>Wiring</b>								
Braided Cloth	20%	2-4	\$34,200	2046	**	1		B
		<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Thermoplastic	80%			2031	**	1		B
<b>Motor Controllers</b>								
Locally Mounted	100%			2019	\$113,100	5	\$600	B
<b>Ground</b>								
<b>Grounding Devices</b>								
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>						
<b>Stand-by Power</b>								
<b>Transfer Switches</b>								
Automatic	100%			2019	\$10,300	1	\$26,000	B
<b>Generators</b>								
Diesel	100%			2017	\$66,100	1	\$32,600	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : One 500 Kw</i>						
<b>Batteries</b>								
Lead/Acid	100%			2014	\$600	5	\$3,100	B
<b>Fuel Storage</b>								
Main Tank	100%			2024	**	5	\$2,300	B
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	98%			2016	\$653,700	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	\$13,300	2		B
<b>Egress Lighting</b>								
Emergency, Service	40%			2016	\$5,100	1		B
Emergency, Battery	10%			2021	\$3,200	10	\$1,900	B
Exit, Service	50%			2021	\$6,400	1		B

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**FIRE DEPARTMENT - 057**  
**SUPPORT SERVICES BUILDING**

**Asset # : 4437**

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

## Lighting

## Exterior Lighting

HID	100%			2016	\$34,300	10	\$300	B
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## Alarm

## Security System

No Component	60%							D
Generic	40%			2021	\$113,500	1	\$12,600	B

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

*Location : Front Door, Hallway And Roof Garage*

*Explanation : Standard*

## Fire/Smoke Detection

Generic	100%			2021	\$971,600	1-3	\$52,000	B
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<b>Mechanical</b>	<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	

## Heating

## Energy Source

Natural Gas	30%			2031	**	1		B
Interruptible Gas/Dual Fuel	70%			2031	**	1		B

## Conversion Equipment

Hot Water Boiler	25%			2019	\$49,300	1	\$9,800	B
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*Other Observation, Extent : Light, Area Affected : 70%*

*Location : Boiler Room*

*Explanation : 3 Units - Replacement of 2 Boilers Is In Progress*

Radiant Heater	25%			2021	\$96,600	2	\$9,100	B
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*Other Observation, Extent : Light, Area Affected : 30%*

*Location : Service Area, 1st Floor*

*Explanation : Gas Fire Radiant Tubs*

Under Construction	50%							D
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*Other Observation, Extent : Light, Area Affected : 0%*

*Location : Boiler Room*

*Explanation : 2 Boilers Being Replaced*

## Distribution

Hot Wtr Piping/Pump	70%			2029	**	4	\$2,700	B
No Component	30%							D

## Terminal Devices

Air Handler	20%			2021	\$94,600	1	\$9,800	B
Convactor/Radiator	40%			2026	**	1	\$10,200	B
Unit Heater-Stm/HW	10%			2016	\$56,700	4	\$700	B
No Component	30%							D

## Air Conditioning

## Energy Source

Electricity	100%			2029	**	1		B
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**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	\$162,000	2031	**	2	\$1,600	B
	<i>Unit Inoperable, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Roof</i>							
Window/Wall Unit	10%			2016	\$18,000	1		B
No Component	50%							D
Heat Rejection								
Air Condenser Unit	40%			2016	\$35,000	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	\$38,800	2	\$1,000	B
Roof	60%	0-2	\$41,900	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	\$20,400	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	\$10,100	4	\$1,300	B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
Generic	100%			2021	\$1,024,200	1-2	\$22,100	B

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Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Piers	\$787,100	\$54,500
<b>Total</b>	<b>\$787,100</b>	<b>\$54,500</b>
Priority A	\$244,900	\$54,500
Priority B	\$542,200	
<b>Total</b>	<b>\$787,100</b>	<b>\$54,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Piers	\$21,300	\$5,100		\$4,200
<b>Total</b>	<b>\$21,300</b>	<b>\$5,100</b>		<b>\$4,200</b>
Priority A	\$3,700			
Priority B	\$17,600			\$4,200
Priority C		\$5,100		
<b>Total</b>	<b>\$21,300</b>	<b>\$5,100</b>		<b>\$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.*

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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+	\$3,700	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+	\$244,900	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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**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	\$17,600	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	\$341,100	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	\$68,900	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+	\$60,300	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+	\$36,000	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+	\$36,000	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>								

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

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

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

Print Date : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Piers	\$230,300	
<b>Total</b>	<b>\$230,300</b>	
Priority A	\$106,100	
Priority B	\$124,200	
<b>Total</b>	<b>\$230,300</b>	

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Piers	\$8,300			\$1,200
<b>Total</b>	<b>\$8,300</b>			<b>\$1,200</b>
Priority A	\$8,300			
Priority B				\$1,200
<b>Total</b>	<b>\$8,300</b>			<b>\$1,200</b>



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

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

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

**FIRE DEPARTMENT - 057**  
**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+	\$8,300	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	\$74,900	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	\$31,200	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	\$124,200	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 : 22-Oct-2012

**FIRE DEPARTMENT - FY 2013**

**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**

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bulkheads	\$49,200		\$100	
<b>Total</b>	<b>\$49,200</b>		<b>\$100</b>	
Priority B	\$25,000		\$100	
Priority C	\$24,100			
<b>Total</b>	<b>\$49,200</b>		<b>\$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**  
**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+	\$24,100	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	\$14,100	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+	\$10,600	2021	\$10,600	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**

<b>CAPITAL</b>		<b>FY 2014 - 2017</b>		<b>FY 2018 - 2023</b>	
Miscellaneous Buildings		465,200		153,200	
<b>EXPENSE</b>		<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Miscellaneous Buildings		17,100	5,900	15,600	12,300
<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>	
1832	FIRE ACADEMY FIRE SIMULATOR BLDG #4	6,000	192,300	15,800	
1833	FIRE ACADEMY MAINTENANCE & STORAGE BLDG#10	4,800	153,800	12,700	
1857	FIRE ACADEMY FIRE SIMULATOR BLDG #2	6,000	192,300	15,800	
14099	FIRE ACADEMY LIBRARY - BLDG. #13	2,500	80,100	6,600	

**Project : FIRE DEPARTMENT**

<b>CAPITAL</b>		<b>FY 2014 - 2017</b>		<b>FY 2018 - 2023</b>	
Special Systems		3,830,000		0	
<b>EXPENSE</b>		<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Special Systems		665,000	810,000	1,120,000	1,285,000
<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>	
4534	FIREBOAT-GOVERNOR ALFRED E SMITH		1,740,000	1,010,000	
4535	FIREBOAT - KEVIN C. KANE		1,075,000	630,000	
4536	FIREBOAT - JOHN D. MCKEAN		225,000	210,000	
4537	FIREBOAT - FIRE FIGHTER		225,000	250,000	
4541	FIREBOAT - FIRE FIGHTER II		250,000	670,000	
4542	FIREBOAT - THREE FORTY-THREE		250,000	670,000	
4543	FIREBOAT - BRAVEST		65,000	440,000	

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