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

Area Sq Ft : 27,000 Project Type : FIRE DEPARTMENT

Date of Survey : 24-Feb-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 2351 Lot : 23 BIN : 4054172

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

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
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
Total	\$58,700	\$14,500	\$8,300	\$61,000
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	
Total	\$58,700	\$14,500	\$8,300	\$61,000



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 4438

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
terior								
Exterior Walls Concrete Masonry Unit	Location Vertical C	: East Fac	\$28,600 tent : Moderate, Ar rade, West Facade nt : Moderate, Area rade			5	\$2,600	A
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	Location Cracking/0	: At North Crumbling,	\$84,300 nents, Extent : Mode east Corner Extent : Moderate			5	\$34,300	A
XX. 1	Location	: Through	out					
Windows	750/			2038	* *	5	\$2.700	٨
Aluminum Steel	Location Broken/Mi Location Corrosion	: Garage ssing Elem : Garage	\$70,400 nt : Moderate, Area nents, Extent : Mode extent : Moderate, A	2047 Affected erate, Ar	* * 1 : 50% ea Affected : 50%	5 5	\$3,700 \$7,700	A A
Parapets	<u> Locuitori</u>	. 04.480						
Cast Stone/Terra Cotta	Location Caulking I	: Coipng	\$4,500 l, Extent : Moderat d, Extent : Modera			5	\$2,000	A
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	Location	: West Fac	\$70,500 iss, Extent : Severe, cade xtent : Moderate, A					A
	Water Pen Location		xtent : Moderate, A	rea Affe	cted : 10%			

Interior

 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 4438

Architecture		Current F	Repair	Futur	e Replacement	Ma	aintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
nterior Floors										
Cast in Place Concrete	45%	Now	\$173,900	LIFE	* *	5	\$25,600	C		
Cast III I lace Concrete					eted : 50%	3	Ψ25,000	C		
	Cracking/Crumbling, Extent: Severe, Area Affected: 50% Location: Emergency Response Area									
		_	, Extent : Severe, A	rea Affe	cted : 50%					
			cy Response Area	33						
			nt : Severe, Area A	ffected :	50%					
	Location	: Emergen	cy Response Area							
Ceramic Tile	3%			2031	* *	5	\$800	С		
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		
	Broken/Missing Elements, Extent : Severe, Area Affected : 25% Location : Emergency Response Area									
	Deformed/Dented, Extent: Moderate, Area Affected: 25%									
	Location : Emergency Response Area  Location : Emergency Response Area									
	Uneven Surface, Extent : Moderate, Area Affected : 50%									
	Location : Emergency Response Area									
Vinyl Tile	11%			2022	\$26,600	3	\$1,100	С		
Vinyl Tile	30%			2027	* *	3	\$2,900	C		
Interior Walls										
Ceramic Tile	5%			2031	* *	5	\$1,800	C		
Concrete Masonry Unit	70%			LIFE	* *	5	\$10,300	C		
Gypsum Board	25%			LIFE	* *	5	\$5,500	C		
Ceilings										
AcousTileConcealSpLn	20%			2035	* *	5	\$6,500	В		
AcousTileSusp.Lay-In	15%			2027	* *	5	\$3,900	В		
Exposed Struc: Steel	65%			LIFE	* *			В		

Electrical	cal Current Repair			M		
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nder 600 Volts	•	•				•
Service Equipment						
Fused Disc Sw	100%	2022	\$1,600	5	\$100	В
	Other Observation, Extent: Moderate,	Area Affe	ected : 100%			
	Location : Electrical Room					
	Explanation: No Rating Available					
Switchgear / Switchboard						
Fused Disc Sw	80%	2022	\$15,500	5	\$100	В
Fused Disc Sw	20%	2042	* *	5		В
Raceway						
Conduit	80%	2022	\$16,900	1		В
Conduit	20%	2042	* *	1		В

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 4438

Electrical		Current Repair		Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Jnder 600 Volts	•			•				
Panelboards								
Fused Disc Sw	10%			2030	* *	5	\$100	В
Molded Case Bkrs	60%			2021	\$9,900	5	\$400	В
Molded Case Bkrs	20%			2038	* *	5	\$100	В
Molded Case Bkrs	10%			2030	* *	5	\$100	В
Wiring								
Thermoplastic	80%			2022	\$11,800	1		В
Thermoplastic	20%			2042	* *	1		В
Motor Controllers								
Not Accessible	100%							D
Ground								
Grounding Devices								
Not Accessible	100%							D
stand-by Power								
Transfer Switches								
Automatic	100%			2035	* *	1	\$6,800	В
Generators								
Not Accessible	100%							D
Batteries								
Not Accessible	100%							D
Fuel Storage								
Not Accessible	100%							D
ighting								
Interior Lighting								
Fluorescent	60%			2022	\$22,600	10	\$9,600	В
	Location	: Through	xtent : Moderate, A out The Building	Area Affe	cted : 100%			
		ion : T-12	Lamps					
Fluorescent	10%	_		2027	* *	10	\$1,600	В
			xtent : Moderate, I	Area Affe	cted : 100%			
		: Telemetr						
	Explanat	ion : T-8 L	amps					
HID	30%			2022	\$3,100	10	\$200	В
Egress Lighting								
Exit, Service	75%			2027	* *	1		В
Exit, Battery	25%			2027	* *	10	\$300	В
Exterior Lighting								
HID	100%			2017	\$1,300	10	\$100	В
Alarm							·	
Fire/Smoke Detection								
No Component	90%							D
NO COMBONEIR								

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

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 4438

Mechanical	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)		Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating	•	•					•
Energy Source							
Electricity	5%	2	2032	* *	1		В
Natural Gas	95%	2	2032	* *	1		В
Conversion Equipment							
Furnace	95%		2017	\$22,400	1	\$8,200	В
	Other Observation, Ext						
	Location: 2 Units Are	e e	)n The	e Roof			
	Explanation: Total - 1						
Radiant Heater	5%	2	2022	\$4,300	2	\$400	В
Air Conditioning							
Energy Source	1000/		.020	ماد ماد			ъ.
Electricity	100%	- 2	2030	* *	1		В
Conversion Equipment	<b>50</b> 0/		1000	¢ (2.700	2	¢500	D
Ext Pkg Unit -	50%	2	2022	\$63,700	2	\$500	В
Heating/Cooling	Other Observation, Ext	ont · Liaht Area Afi	fected	. 100%			
	Location : Roof	ені . Ligni, Агей Ајј	естеи	. 100/0			
	Explanation: 4 Units						
Window/Wall Unit	10%		2017	\$4,000	1		В
No Component	40%	2	2017	\$4,000	1		D D
Ventilation	40/0						D
Distribution							
Ductwork/Diffusers	100% Now	\$3,300 L	IFE	* *	2-5	\$9,700	В
	Leak Evident, Extent : N			5%		42,7,00	
	Location : Water Leak						
Exhaust Fans							
Roof	90%	2	2017	\$13,800	2	\$500	В
Wall Unit	10%	2	2017	\$2,900	2	\$100	В
Plumbing							
H/C Water Piping							
Brass/Copper	100%	2	2032	* *	1		В
Water Heater							
Gas Fired	100%	2	2020	\$4,500	2	\$300	В
Sanitary Piping							
Cast Iron	100%	I	IFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%	I	IFE	* *	1		В
Backflow Preventer	1000/	-		<b>**</b> ** **		<b>.</b>	-
Generic	100%	2	2017	\$1,900	1	\$1,100	В
Fixtures	1000/						т.
Generic	100%						В
Fire Suppression							
Sprinkler	1000/		0022	* *	1.2	¢4.000	D
Generic	100%		2032	* *	1-2	\$4,900	В

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> 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-BRONX

Address : 1129 EAST 180TH STREET @ BRONX PARK

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 10,860 Project Type : FIRE DEPARTMENT

Date of Survey : 07-Feb-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1, atc

Block : 4333 Lot : 1 BIN : 2101003

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

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



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

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

Asset #: 1996

Architecture		Current Repair			Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior	'							•
Exterior Walls								
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
Windows								
Aluminum	100%			2045	* *	5	\$2,800	A
Roof								
Clay Tile	93%	Now	\$46,600	2043	* *			A
	Other Ob:	servation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Through	out					
	Explana	tion : Ice B	reakers Missing					
Copper/Terne	7%			2058	* *	10	\$2,300	A
Interior							·	
Floors								
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
Interior Walls								
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
Ceilings								
AcousTileSusp.Lay-In	15%			2040	* *	5	\$2,100	В
<b>Exposed Concrete</b>	20%			LIFE	* *	5-10	\$3,500	В
Gypsum Board	15%			LIFE	* *	5-10	\$7,200	В
Plaster	50%			LIFE	* *	5-10	\$11,900	В

Electrical	Current Repair			Futur	re Replacement	M		
System Component Type	% of Fail I Total (Yea		<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code

Under 600 Volts

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

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

Asset #: 1996

Electrical	Current Repair	Future Repl	acement	Ma	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost   Year Estin FY	nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : N Location : Electrical Room	2043 Moderate, Area Affected :	** 100%	5		В
	Explanation : Main Service	Disconnect Switch Rated	@ 2000 Am	peres		
Switchgear / Switchboard Fused Disc Sw	100%	2043	* *	5		В
Raceway Conduit	100%	2043	* *	1		В
Panelboards Molded Case Bkrs	100%	2039	* *	5	\$200	В
Wiring Thermoplastic	100%	2043	* *	1		В
Motor Controllers Locally Mounted	100%	2036	* *	5	\$100	В
Ground Grounding Devices Generic	100%	LIFE	* *	5	\$300	В
Stand-by Power Transfer Switches Automatic	100%	2036	* *	1	\$2,700	В
Generators Diesel	50% Other Observation, Extent : N Location : Outside The Buil	2032 Ioderate, Area Affected :	** 100%	1	\$1,700	В
Diesel	Explanation: 2 - 125 Kva  50%  Other Observation, Extent: N  Location: Generator Room	2032 Moderate, Area Affected :	* * 100%	1	\$1,700	В
Batteries	Explanation: 2 - 638 Kva, I	Kohler Power System				
Lead/Acid	100%	2017	\$600	5	\$300	В
Fuel Storage Day Tank Underground Storage	50% 50%	2039 LIFE	* *	5 5	\$800 \$600	B B
Lighting Interior Lighting Fluorescent	90%	2028	* *	10	\$7,300	В
2.140.2500.10	Other Observation, Extent: M Location: Throughout The Explanation: T-8 Lamps	Moderate, Area Affected :	100%	20	Ψ1,500	٥
Fluorescent	8% Other Observation, Extent: N Location: Corridors Explanation: Compact Flue		**	10	\$700	В
Incandescent	2%	2028	* *	2		В

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 1996

Electrical	C	urrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		il Date Estimated Cost Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting							
Egress Lighting							
Emergency, Service	50%		2028	* *	1		В
Emergency, Battery	10%		2028	* *	10	\$200	В
Exit, Service	40%		2028	* *	1		В
Lightning Protection							
Arresters/Cabling							
Generic	100%		2051	* *	5	\$300	В
		ation, Extent : Moderate, A Tower And Roof	Area Affe	ected : 100%			
	Explanation	: Steel Lightning Rods					
Alarm							
Security System							
Generic	100%		2028	* *	1	\$3,300	В
	Other Observ	ation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : I	nside And Outside The Bui	lding				
	Explanation	: CCTV Surveillance Syst	em And	Intrusion Alarm Sy	stem		
Fire/Smoke Detection							
Generic	100%		2028	* *	1-3	\$5,500	В
	Other Observ	ation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : T	hroughout The Building					
	Explanation	: Strobe Lights, Alarm Be	lls, Man	ual Pull Stations A	nd Smok	e Detectors	

Mechanical	nical Current Repair		e Replacement	Maintenance				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
Heating								
Energy Source								
Fuel Oil No 2	100%	2043	* *	5	\$2,800	В		
Conversion Equipment								
Hot Water Boiler	100%	2040	* *	1	\$4,400	В		
	Other Observation, Extent : Light, Area	a Affected	: 100%					
	Location: Basement Boiler Room							
	Explanation: 2 Units							
Distribution								
Hot Wtr Piping/Pump	100%	2045	* *	4	\$400	В		
Terminal Devices								
Air Handler	60%	2031	* *	1	\$3,300	В		
	Other Observation, Extent: Light, Area Affected: 100%							
	Location: Throughout							
	Explanation: Very Difficult To Operation	ate The B	M S According To	The Cap	otain			
Convector/Radiator	40%	2040	* *	1	\$1,200	В		
Air Conditioning								
Energy Source								
Electricity	100%	2039	* *	1		В		

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

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

Asset #: 1996

Mechanical		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Air Conditioning									
Conversion Equipment Reciprocating Compr/Chiller	80%			2028	**	1	\$3,300	В	
			tent : Light, Area A In The Yard	ffected :	80%				
No Component	20%							D	
Distribution									
Chilled Wtr Pipe/Pump	80%			2043	* *	4	\$500	В	
No Component	20%							D	
Terminal Devices									
Air Handler/Cool/Ht	80%			2031	* *	1	\$4,400	В	
No Component	20%							D	
Heat Rejection									
Remote Air Cond	80%			2028	* *	2	\$5,000	В	
No Component	20%							D	
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,800	В	
Exhaust Fans									
Interior	100%			2031	* *	2	\$300	В	
Plumbing									
H/C Water Piping	1000/			20.42	de de			-	
Brass/Copper	100%			2043	* *	1		В	
Water Heater	1000/			2022	Φ2 200	2	<b>#100</b>	ъ	
Gas Fired	100%			2022	\$2,300	2	\$100	В	
Sanitary Piping Cast Iron	100%			LIFE	* *	1		В	
Fixtures									
Generic	100%							В	
Fire Suppression Sprinkler									
No Component	30%							D	
Generic	70%			2049	* *	1-2	\$1,700	В	
							. ,		

<sup>\*\*</sup> 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

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			
Total	\$38,500			
Priority A	\$38,500			
Total	\$38,500			



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

Asset #: 1994

Architecture	Current Repair		Future	Replacement	Maintenance		
System Component Type		l Date Estimated C Years)	ost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior							
Exterior Walls							
Cast Stone/Terra Cotta	5%		LIFE	* *	5	\$22,600	Α
		ogress, Extent : Light,	Area Affected	l : 25%			
	Location : C	Cornices					
Masonry: Brick	92%		LIFE	* *	5	\$53,100	A
	Repairs in Pro	ogress, Extent : Light,	Area Affected	l : 25%			
	Location : Th	hroughout					
Masonry: Limestone	3%		LIFE	* *	5	\$1,300	Α
•	Repairs in Pro	ogress, Extent : Light,	Area Affected	l : 25%			
	Location : Sp	pandrels, Lintels					
Windows							
Aluminum	100%		2048	* *	5	\$4,900	A
	Recent Replac	e Evident, Extent : Li	ght, Area Affe	cted : 100%			
	Location : Th	hroughout					
Roof							
Clay Tile	100%		2043	* *	10	\$23,500	A
	Repairs in Pro	ogress, Extent : Light,	Area Affected	l : 25%			
	Location : Th	hroughout					
Interior							
Floors							
Under Construction	100%						D
Interior Walls							
Under Construction	100%						D
Ceilings							
Under Construction	100%						D

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

Ground

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

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

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

Asset #: 1994

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

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

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 1994

Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
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
<b>Backflow Preventer</b>								
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

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

<sup>\*\*</sup> 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

Area Sq Ft : 13,416 Project Type : FIRE DEPARTMENT

Date of Survey : 10-Feb-2012 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1

Block : 1111 Lot : 1 BIN : 1083814

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

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



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

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

Asset #: 1993

Architecture	Current Repair	Future	e Replacement	M			
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Exterior							
Exterior Walls							
Masonry: Brick	2% Now	\$1,900 LIFE	* *	5	\$500	Α	
	Broken/Missing Elements, Ex		ea Affected : 20%				
	Location: Coping At Chimi	•	1 1000/				
	Other Observation, Extent : I	Moderate, Area Affe	cted : 100%				
	Location : Chimney						
	Explanation : Stucco On Br						
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	
	Recent Replace Evident, Exte	nt : Light, Area Affe	ected : 100%				
	Location: Throughout						
Metal Louvers	10%	2032	* *	10	\$2,800	A	
Parapets							
Pre-Cast Concrete	100%	LIFE	* *	5	\$133,900	A	
	Recent Repair Evident, Exten	t : Light, Area Affec	eted : 25%				
	Location: Throughout						
Roof							
Copper/Terne	90%	2038	* *	10	\$98,100	A	
Copper/Terne	10%	2058	* *	10	\$10,900	A	
	Recent Replace Evident, Extent : Light, Area Affected : 100%						
	Location : At Perimeter						
nterior							
Floors							
Under Construction	100%					D	
Interior Walls							
Under Construction	100%					D	
Ceilings							
<b>Under Construction</b>	100%					D	

Electrical	Current Repair	Future Replacement	Maintenance					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated (Yrs)	Code Priority				
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%	2043 **	5	\$300 B				
	Other Observation, Extent: Moderate,	Area Affected : 100%						
	Location : Electrical Room							
	Explanation : Main Service Disconne	ct Switches Rated @ 1200 A	Amperes And 700 Am	peres				
Transformers								
Dry Type	100%	2021 \$14,700	5	В				
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Electrical Room							
	Explanation: 75 Kva							

 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 1993

Electrical		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts	· ·							
Switchgear / Switchboard								
Fused Disc Sw	60%			2023	\$37,800	5		В
Molded Case Bkrs	40%			2043	* *	5	\$100	В
Raceway								
Conduit	60%			2023	\$12,100	1		В
Conduit	40%			2043	* *	1		В
Panelboards								
Molded Case Bkrs	60%			2022	\$14,300	5	\$200	В
Molded Case Bkrs	40%			2039	* *	5	\$100	В
Wiring								
Thermoplastic	50%			2023	\$12,800	1		В
Thermoplastic	50%			2043	* *	1		В
Motor Controllers								
Locally Mounted	70%			2021	\$5,900	5	\$100	В
Locally Mounted	30%			2036	* *	5		В
Ground								
Grounding Devices								_
Not Accessible	100%							D
Stand-by Power								
Transfer Switches	400-			• • • •			<b>**</b> 400	_
Automatic	100%			2040	* *	1	\$3,400	В
Generators	4.00						<b>* 4 * *</b> * * *	_
Diesel	100%			2036	* *	1	\$4,300	В
			xtent : Moderate, A	Area Affe	cted : 100%			
	Location :			1.0				
	Explanation	on : 2 - 30	0 Kw Detroit Dies	el Gener	ators			
Batteries	1000/			2010	<b>#700</b>	~	¢400	ъ
Lead/Acid	100%			2018	\$700	5	\$400	В
Fuel Storage	<b>500</b> /			20.45	* *	-	Ф1 000	ъ
Day Tank	50%			2045		5	\$1,000	В
	Uther Obsert Location :		xtent : Moderate, A	Area Affe	cted: 100%			
		on : 2/5 G	Gallons Capacity					
Underground Storage	50%			LIFE	* *	5	\$600	В
Lighting								
Interior Lighting	2004			2010	<b>415.400</b>	4.0	ΦΦ 000	
Fluorescent	30%			2018	\$16,400	10	\$2,800	В
			xtent : Moderate, A	Area Affe	cted : 100%			
			out The Building					
	Explanation	on : T-12	Lamps					
Fluorescent	70%			2031	* *	10	\$6,600	В
			xtent : Moderate, A	Area Affe	cted : 100%			
			out The Building					
	Explanatio	on : T-8 L	amps					

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 1993

Electrical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting							
Egress Lighting							
Emergency, Service	50%		2031	* *	1		В
Emergency, Battery	5%		2031	* *	10	\$100	В
Exit, LED	45%		2058	* *	1		В
Exterior Lighting							
HID	100%		2018	\$4,800	10		В
Lightning Protection Arresters/Cabling							
Generic	100%		2026	* *	5	\$500	В
Alarm							
Security System							
Generic	100%		2023	\$40,000	1	\$4,100	В
	Other Observation, I	Extent : Moderate, A	rea Affe	ected : 100%			
	Location: Through	hout The Building					
	Explanation: CCT	V Surveillance Syste	m And	Intrusion Alarm Sy	stem		
Fire/Smoke Detection							
<b>Under Construction</b>	100%						D

Mechanical	nical Current Repair		ure Replacement	М	aintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost Yea FY		Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating						
Energy Source						
Fuel Oil No 2	100%	203	3 **	5	\$3,200	В
Conversion Equipment						
Steam Boiler	100%	204	3 **	1	\$10,200	В
	Recent Replace Eviden	t, Extent : Light, Area A	ffected : 100%			
	Location: Basement	Boiler Room				
	Other Observation, Ext	ent : Light, Area Affect	ed : 100%			
	Location: Basement	Boiler Room				
	Explanation: 2 Units					
Distribution						
Hot Wtr Piping/Pump	50%	202	2 \$31,100	4	\$400	В
Steam Piping/Pump	50%	205	3 **	4	\$300	В
	Other Observation, Ext	ent : Light, Area Affect	ed : 50%			
	Location: Basement					
	Explanation: Baseme	ent Piping Has Been Re	placed			
Terminal Devices						
Convector/Radiator	60%	204	3 **	1	\$2,000	В
<b>Under Construction</b>	40%					D
Air Conditioning						
Energy Source						
Electricity	100%	203	9 **	1		В

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

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

Asset #: 1993

Mechanical		Current l	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Cod
Air Conditioning Conversion Equipment Reciprocating Compr/Chiller	40%			2033	* *	1	\$1,900	В
	Location	ı : Rear Ya	Extent : Light, Area rd Air Conditioning S			ation Fa	inment Room	
No Component	20%	iion . ivew	Air Conditioning 5	ystem 10	T New Communic	unon Equ	пртені Коот	D
Under Construction	40%							D
Distribution								
Chilled Wtr Pipe/Pump		servation, E	Extent : Light, Area	2053 Affected	* * : 40%	4	\$200	В
		ı : Rear Yaı tion · New	ra Air Conditioning S	vstem Fo	r New Communic	ation Fau	iinment Room	
No Component	20%		III. Committening 5	jsiciii 1 O	. Then Communic	anon Lyu	прист Коот	D
Under Construction	40%							D
Terminal Devices								
Direct Expansion			Extent : Light, Area	2033 Affected	**: 40%	1		В
		ı : Basemei		E.		E	D	
N. C.			Air Conditioning S	ystem Fo	r New Communic	ation Equ	upment Koom	
No Component Under Construction	20% 40%							D D
Heat Rejection	4070							<u> </u>
Remote Air Cond		servation, L 1 : Rear Yar	Extent : Light, Area	2033 Affected	* *	2	\$2,900	В
			Air Conditioning S	vstem Fo	r New Communic	ation Eau	iinment Room	
No Component	20%		in community 5	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. 1,0,, 00,,,,,,,,,,,,	241	Apmeni Hoom	D
Under Construction	40%							D
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	\$3,600	В
	Location		Extent : Light, Area nication Equipment Ductwork					
Under Construction	60%							D
Exhaust Fans								
Roof	30%			2018	\$3,000	2	\$100	В
Under Construction	70%							D
Plumbing								
H/C Water Piping	2004			2022	ماء ماء			ъ
Brass/Copper	20%			2033	* * \$20,600	1		В
Galv Iron/Steel Water Heater	80%			2021	\$29,600	1		В
Water Heater Electric	100%			2021	\$1,900	4	\$100	В
Sanitary Piping	10070			2021	Ψ1,900		φ100	ע
Cast Iron	100%			LIFE	* *	1		В

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

Estimates are rounded to the nearest hundred dollars.

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

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### FIRE DEPARTMENT - 057 COMMUNICATIONS CENTER-MANHATTAN

Asset #: 1993

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

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

Area Sq Ft : 9,804 Project Type : FIRE DEPARTMENT

Date of Survey : 06-Feb-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 3866 Lot : 70 BIN : 4439147

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

\$14,100 <b>\$13,200 \$9</b>	\$67,200	\$
\$1,700 \$5,100	\$17,400	ty C \$
\$10,800 \$8,100 \$8	\$19,400	ty B \$
\$1,700	\$30,500	ty A \$.
\$14,100 \$13,200 \$9	\$67,200	\$
\$3,900 \$3,900 \$3	\$3,900	ators/Escalators
\$2,700 \$2,600 \$2	\$4,500	nanical
\$1,300 \$1,500 \$1	\$2,300	rical
\$4,500 \$5,100	\$26,100	for Architecture \$
\$1,700	\$30,500	rior Architecture \$
Y 2015 FY 2016 FY 2	FY 2014	ENSE F'
Ý	EV 2014	ENSE E



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 1995

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
xterior									
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	Α	
			d, Extent : Light, Ai	ea Affec	ted : 10%				
		: Cornice.							
	_	_	, Extent : Moderate	, Area Ą	ffected : 10%				
	Location	: Cornice.	S						
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	
	Broken/M	issing Elen	nents, Extent : Light	t, Area A	ffected : 5%				
	Location	: Through	out						
	Gut/DS No	on Func/M	iss, Extent : Modero	ate, Area	Affected : 25%				
	Location	: Through	out						
	Miss/Dam	aged Flash	ings, Extent : Mode	erate, Ar	rea Affected : 20%				
	Location	: At Dome	?						
	Water Per	etration, E	Extent : Moderate, A	rea Affe	cted : 10%				
	Location	: At Dome	?						
Copper/Terne	5%			2058	* *	10	\$4,000	A	
terior									
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	Č	
Plaster	5%	Now	\$1,300	LIFE	* *	5	\$200	Č	
					ffected : 5%	-	+-30	-	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 5%  Location : Communication Room								
			Extent : Moderate, A	rea Affe	cted : 10%				
			nication Room						
Plaster	15%			LIFE	* *	5-10	\$1,800	С	
r iasici	13%			LIFE		5-10	\$1,000	C	

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

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

Asset #: 1995

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Interior									
Ceilings									
AcousTileSusp.Lay-In	50%			2040	* *	5	\$5,600	В	
Exposed Concrete	20%			LIFE	* *	5-10	\$2,800	В	
Gypsum Board	10%			LIFE	* *	5-10	\$3,900	В	
Plaster	5%	Now	\$1,900	LIFE	* *	5	\$400	В	
	Cracking/0	Crumbling,	Extent : Moderate	, Area Aj	ffected : 5%				
	Location	: Commun	ication Room						
	Water Penetration, Extent: Moderate, Area Affected: 10%								
	Location	: Commun	ication Room						
Plaster	15%			LIFE	* *	5-10	\$2,900	В	

Electrical	Current Repair	Future	Replacement	M				
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year l FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
Under 600 Volts								
Service Equipment	100-1	-0.4-		_		_		
Fused Disc Sw	100%	2043	* *	5		В		
	Other Observation, Extent : Moderate	e, Area Affect	ted : 100%					
	Location : Electrical Room							
	Explanation : Main Service Disconn	nect Switch I	Rated @ 2000 An	iperes				
Transformers								
Dry Type	100%	2036	* *	5		В		
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location : Electrical Room							
	Explanation : 225 Kva, 480/208/12	0 Volts						
Switchgear / Switchboard								
Fused Disc Sw	100%	2043	* *	5		В		
Raceway								
Conduit	100%	2043	* *	1		В		
Panelboards								
Molded Case Bkrs	100%	2039	* *	5	\$200	В		
Wiring								
Thermoplastic	100%	2043	* *	1		В		
Motor Controllers								
Locally Mounted	100%	2036	* *	5	\$100	В		
Ground								
Grounding Devices								
Generic	100%	LIFE	* *	5	\$200	В		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Water Meter Room							
	Explanation: Connected To Main V	Water Pipe.						
Stand-by Power								
Transfer Switches								
Automatic	100%	2036	* *	1	\$2,500	В		

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 1995

Electrical	Current Repair	Future Re	eplacement	M					
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Es	timated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code			
Stand-by Power	•					•			
Generators									
Diesel	50%	2032	* *	1	\$1,600	В			
	Other Observation, Extent : Moderat	te, Area Affected	l : 100%						
	Location: Generator Room								
	Explanation: 2 - 638 Kva Kohler I	<del>-</del>							
Diesel	50%	2032	**	1	\$1,600	В			
	Other Observation, Extent: Moderat	te, Area Affectea	l : 100%						
	Location: Outside The Building								
D. (( )	Explanation: 2 - 125 Kva								
Batteries Lead/Acid	1000/	2017	\$600	5	\$200	D			
	100%	2017	\$600	5	\$300	В			
Fuel Storage Day Tank	50%	2039	* *	5	\$700	В			
Underground Storage	50%	LIFE	* *	5	\$500	В			
Lighting	3070	LITE			Ψ300	ъ			
Interior Lighting									
Fluorescent	70%	2028	* *	10	\$4,800	В			
Tuorescent	Other Observation, Extent : Moderat		l : 100%	10	φ1,000	D			
	Location: Throughout The Buildin								
	Explanation: T-8 Lamps	О							
Fluorescent	30%	2028	* *	10	\$2,100	В			
Tuorescent	Other Observation, Extent : Moderate		l : 100%	10	Ψ2,100	D			
	Location: Corridors And Offices								
	Explanation: Compact Fluorescent Lamps								
Egress Lighting	T	T							
Emergency, Service	50%	2028	* *	1		В			
Emergency, Battery	10%	2028	* *	10	\$200	В			
Exit, Service	40%	2028	* *	1		В			
Exterior Lighting									
HID	100%	2028	* *	10		В			
Alarm									
Security System									
Generic	100%	2028	* *	1	\$3,000	В			
	Other Observation, Extent : Moderat		l : 100%						
	Location : Inside And Outside The	_							
	Explanation : CCTV Surveillance S	System And Intru	ision Alarm Sy	stem					
Fire/Smoke Detection						_			
Generic	100%	2028	* *	1-3	\$5,000	В			
	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location: Throughout The Buildin	_	a 1 5	. •	D 11				
	Explanation : Strobe Lights, Manua	al Pull Stations,	Smoke Detecto	ors, Aları	n Bells				

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

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.

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

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

Asset #: 1995

Mechanical	Current Repair		Futu	re Replacement	Maintenance			
System Component Type	% of Total	Fail Date Estima (Years)	nted Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Heating								
Energy Source								
Fuel Oil No 2	100%		2033	* *	5	\$2,300	В	
Conversion Equipment								
Hot Water Boiler	100%		2028		1	\$3,700	В	
		ervation, Extent : I	ight, Area Affecte	d: 100%				
		: Basement						
	Explana	tion: 2 Units						
Distribution	1.000/		2020	* *	4	Φ.000	ъ.	
Hot Wtr Piping/Pump	100%		2039	* *	4	\$600	В	
Terminal Devices	<b>5</b> 004		2022	<b>424 7</b> 00		Φ2.200		
Air Handler	70%		2023		1	\$3,300	В	
Fan Coil Unit/Heat	30%		2023	\$37,500	1	\$700	В	
Air Conditioning								
Energy Source	1000/		2020	* *	1		D	
Electricity	100%		2039	**	1		В	
Conversion Equipment	0.007		2022	* *	1	<b>0.5500</b>	D	
Centrifugal, Elec Chiller	80%	E · · · T ·	2032		1	\$6,500	В	
	_	gerant, Extent : Lig		: 100%				
		: Chiller Side Yard						
Int Pkg Unit - Cooling	20%		2027	* *	2	\$100	В	
Distribution								
Chilled Wtr Pipe/Pump	80%		2043	* *	4	\$400	В	
No Component	20%						D	
Terminal Devices								
Air Handler/Cool/Ht	25%		2023		1	\$1,200	В	
Fan Coil - Cool/Heat	55%		2023	\$86,900	1	\$1,300	В	
No Component	20%						D	
Heat Rejection								
Remote Air Cond	20%		2031	* *	2	\$1,000	В	
No Component	80%						D	
Ventilation								
Distribution								
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,600	В	
Exhaust Fans								
Interior	100%		2028	* *	2	\$200	В	
Plumbing								
H/C Water Piping								
Brass/Copper	100%		2043	* *	1		В	
Water Heater								
Oil Fired	100%		2021	\$2,600	1	\$200	В	
		ervation, Extent : I	ight, Area Affecte	d: 100%				
		: Basement						
	Explana	tion: 2 Units						
Sanitary Piping								
Cast Iron	100%		LIFE	* *	1		В	
Storm Drain Piping								
Cast Iron	100%		LIFE	* *	1		В	

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 1995

Mechanical	Current Repair	Future Repla	cement	M		
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estima FY	nted Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Plumbing						
Backflow Preventer						
Generic	100%	2028	* *	1	\$500	В
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			C
	Other Observation, Extent : Ligh	ıt, Area Affected : 100%				
	Location: B-1					
	Explanation: 1 Unit					
Fire Suppression						
Sprinkler						
Generic	100%	2043	* *	1-2	\$2,100	В
Fire Pump						
Generic	100%	2032	* *	1	\$1,400	В

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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

Area Sq Ft : 11,550 Project Type : FIRE DEPARTMENT

Date of Survey : 13-Feb-2012 Landmark Status : NONE

Areas Surveyed : Basement, Sub Basement, Roof, Floors 1

Block : 319 Lot : 1 BIN : 5112428

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

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$7,500			
Electrical	\$28,300	\$1,800	\$1,400	\$1,300
Mechanical	\$8,400	\$2,800	\$1,100	\$2,200
Total	\$44,200	\$4,500	\$2,500	\$3,600
Priority A	\$7,500			
Priority B	\$36,700	\$4,500	\$2,500	\$3,600
Total	\$44,200	\$4,500	\$2,500	\$3,600



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

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

Asset #: 1997

Architecture	Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior							
Exterior Walls							
Cast in Place Concrete			LIFE	* *	5	\$2,300	A
Masonry: Brick	80%		LIFE	* *	5	\$12,500	A
	Recent Repair Evident Location : Througho	_	ea Affec	rted : 25%			
Metal Panel	5%		2043	* *	5-10	\$2,700	A
Metal Panel	10%		2043	* *	5-10	\$5,400	A
Window Wall	2%		2043	* *	5	\$600	A
Windows							
Aluminum	95%		2048	* *	5	\$2,100	A
	Recent Replace Evider Location : Througho		rea Affe	ected : 100%			
Glass Block	5%		LIFE	* *	5	\$100	A
	Recent Replace Evider Location : North Fac		rea Affe	ected : 100%			
Roof							
Modified Bitumen	90%		2033	* *	10	\$7,300	Α
	Recent Replace Evider Location : Througho	_	rea Affe	ected : 100%			
Modified Bitumen	10%		2028	* *	10	\$800	A
nterior							
Floors							
Under Construction	100%						D
Interior Walls							
Under Construction	100%						D
Ceilings							
Under Construction	100%						D

ectrical		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
der 600 Volts								
Service Equipment								
Not Accessible	100%							D
Transformers								
Not Accessible	100%							D
Switchgear / Switchboard								
Not Accessible	100%							D
Raceway								
Conduit	50%			2023	\$9,300	1		В
Conduit	50%			2049	* *	1		В
Panelboards								
Molded Case Bkrs	50%			2022	\$11,000	5	\$100	В
Molded Case Bkrs	50%			2045	* *	5	\$100	В

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 1997

Electrical	Current Repair	Future Re	placement	Ma		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Est FY	imated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nder 600 Volts						
Wiring	<b>#</b> 0					_
Thermoplastic	50%	2033	* *	1		В
Thermoplastic	50%	2049	* *	1		В
Motor Controllers	1000/	2040	* *	_	¢100	D
Locally Mounted round	100%	2040		5	\$100	В
Grounding Devices						
Not Accessible	100%					D
tand-by Power	10070					
Transfer Switches						
Not Accessible	100%					D
Generators						
Diesel	40% Now	\$26,400 2038	* *	1	\$1,300	В
	Other Observation, Extent:	Moderate, Area Affected	: 100%			
	Location: Sub Basement					
	Explanation: Not Operati	ional, (2) 200 Kw Cummin	nns Genset			
Diesel	40%	2036	* *	1	\$1,500	В
	Other Observation, Extent:	Moderate, Area Affected	: 100%			
	Location : Generator Roo					
	Explanation : (2) 638 Kva					
Diesel	20% Other Observation, Extent: Location: Outside Explanation: No Available		* * : 100%	1	\$700	В
Batteries	T					
Lead/Acid	100%	2018	\$600	5	\$400	В
Fuel Storage						
Day Tank	50%	2045	* *	5	\$900	В
Underground Storage	50%	LIFE	* *	5	\$600	В
ighting						
Interior Lighting						
Fluorescent	70%	2031	**	10	\$6,100	В
	Other Observation, Extent:		: 100%			
	Location: Throughout Th					
	Explanation: T-12 Lamps	3				
Under Construction	30%					D
Egress Lighting	<b>700</b> /	2021	* *			Б
Emergency, Service	50%	2031	* *	l 10	<b>6700</b>	В
Emergency, Battery	30%	2031	**	10	\$700	В
Exit, Service	20% Now Not Functioning, Extent: M	\$300 2033		1		В
	Location: Throughout Th		00/0			
	Location . Infongiout In	· Danning				
Exterior Lighting						

Alarm

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

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

Asset #: 1997

lectrical	Current Repair	Future Repl	acement	Maintenance		
ystem Component Type	% of Fail Date Estimated ( Total (Years)	Cost Year Estin FY	nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
larm						
Security System						
Generic	100%	2031	* *	1	\$3,500	В
	Other Observation, Extent: Moder	ate, Area Affected : .	100%			
	Location: Throughout The Build	ing				
	Explanation: CCTV Surveillance	e System				
Fire/Smoke Detection						
Generic	100%	2031	* *	1-3	\$5,800	В
	Other Observation, Extent: Moder	ate, Area Affected : .	100%			
	Location: Throughout The Builds	ing				
	Explanation: Smoke Detectors, S	Strobe Lights, Horns,	Manual Pu	ll Station	es	

Mechanical	Current Repair		Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating								
Energy Source								
Fuel Oil No 2	100%			2049	* *	5	\$2,900	В
Conversion Equipment								
Hot Water Boiler	100%			2043	* *	1	\$4,700	В
			nt, Extent : Light,	Area Aff	ected : 100%			
	Location	: Basemen	t Boiler Room					
	Other Obs	ervation, E	xtent : Light, Area	Affected	: 100%			
	Location	: Basemen	t Boiler Room					
	Explana	tion : 1 Uni	t					
Distribution								
Hot Wtr Piping/Pump	40%			2048	* *	4	\$200	В
Hot Wtr Piping/Pump	60%			2022	\$31,700	4	\$400	В
Terminal Devices								
Convector/Radiator	60%	Now	\$6,000	2021	\$59,600	1	\$1,700	В
	_		vere, Area Affecte	d: 20%				
	Location	: Various 2	Areas					
Not Accessible	40%							D
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		В
Conversion Equipment								
Reciprocating	80%			2023	\$28,600	1	\$3,500	В
Compr/Chiller								
No Component	20%							D
Distribution								
Chilled Wtr Pipe/Pump	80%			2033	* *	4	\$400	В
No Component	20%							D
Terminal Devices								
No Component	20%							D
Not Accessible	25%							D
<b>Under Construction</b>	55%							D

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 1997

Mechanical		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Air Conditioning									
Heat Rejection									
Remote Air Cond	80%			2023	\$40,200	2	\$5,300	В	
No Component	20%							D	
Ventilation									
Distribution								_	
Under Construction	100%							D	
Exhaust Fans									
Roof	20%			2018	\$1,700	2	\$100	В	
Under Construction	80%							D	
Plumbing									
H/C Water Piping									
Brass/Copper	60%			2049	* *	1		В	
Galv Iron/Steel	40%			2021	\$12,600	1		В	
Water Heater									
Electric	100%			2023	\$1,600	4	\$100	В	
Sanitary Piping									
Cast Iron	100%			LIFE	* *	1		В	
Storm Drain Piping									
Cast Iron	100%			LIFE	* *	1		В	
Sump Pump(s)									
Rigid Piping	100%			2031	* *	4	\$2,000	В	
Backflow Preventer									
Not Accessible	100%							D	
Fixtures									
<b>Under Construction</b>	100%							D	
Fire Suppression									
Sprinkler									
Not Accessible	25%							D	
<b>Under Construction</b>	75%							D	

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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

Area Sq Ft : 12,322 Project Type : FIRE DEPARTMENT

Date of Survey : 21-Jun-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,3

Block : 241 Lot : 13 BIN : 1079601

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

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
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
Total	\$21,600	\$4,800	\$19,300	\$3,400
Priority A	\$7,000		\$1,900	
Priority B	\$3,700	\$4,200	\$17,400	\$3,400
Priority C	\$11,000	\$600		
Total	\$21,600	\$4,800	\$19,300	\$3,400



 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 2405

Architecture		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
xterior								
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
	Broken/M	issing Elen	nents, Extent : Mod	erate, Ar	ea Affected : 20%			
	Location	: Locker I	Rooms					
			Extent: Moderate,	Area Afj	fected : 50%			
		: Through						
			, Extent : Moderate	, Area Ą	ffected : 50%			
	Location	: Through	out					
Parapets								
Pre-Cast Concrete	100%			LIFE	* *	5	\$14,500	A
Roof								
Built-Up (BUR)	98%			2029	* *	10	\$14,100	Α
Skylight, Metal/Glass	2%	Now	\$3,800	2021	\$37,800			Α
		Corrosion/Rusting, Extent: Moderate, Area Affected: 25%						
	Location: Over Stair							
			Extent : Moderate, A	Area Affe	cted : 5%			
	Location	ı : Stair						
nterior								
Floors	C = 0.1			TTEE	* *	-	Φ21 000	a
Cast in Place Concrete	65%	N.T.	Ф2 200	LIFE	**	5	\$21,800	C
Ceramic Tile	5%	Now	\$3,300	2030		5	\$400	C
	_	_	, Extent : Light, Are	еа Ајјест	ea : 15%			
		: Through	out					
Vinyl Tile	30%			2021	\$42,800	3	\$1,700	С
Interior Walls						_		_
Concrete Masonry Unit	75%		\$7,600	LIFE	* *	5	\$4,100	C
	-	_	, Extent : Light, Are	ea Affect	ed : 5%			
		: Through	out					
Gypsum Board	20%			LIFE	* *	5	\$1,700	C
Masonry: Brick	5%			LIFE	* *			С
Ceilings								
AcousTileSusp.Lay-In	25%			2026	* *	5	\$3,800	В
Exposed Concrete	75%			LIFE	* *	5	\$1,800	В

Electrical	Current Repair			Futur	e Replacement	M		
System Component Type		il Date Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code

Under 600 Volts

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

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

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

Asset #: 2405

Electrical	Current Repair	Future I	Future Replacement		Maintenance				
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year E FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code			
Under 600 Volts									
Service Equipment									
Fused Disc Sw	30%	2021	\$900	5		В			
	Other Observation, Extent : Moder	ate, Area Affecto	ed : 100%						
	Location: Electrical Room		7 · . 7						
	Explanation: One 1600 Amps Mo								
Fused Disc Sw	35%	2041	**	5		В			
	Other Observation, Extent : Moder	ate, Area Affecto	ed : 100%						
	Location: Electrical Room								
	Explanation: One 2000 Amps Ma								
Fused Disc Sw	35%	2041	**	5		В			
	Other Observation, Extent : Moder	ate, Area Affecto	ed : 100%						
	Location : Electrical Room								
	Explanation: One 3000 Amps Ma	ain Disconnect S	Switch						
Transformers	2004	2010	<b>6.1.10</b> 0	~					
Dry Type	30%	2019	\$4,100 * *	5		В			
Dry Type	70%	2034		5		В			
	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location: Electrical Room								
C	Explanation: Two1000 Kva								
Switchgear / Switchboard Fused Disc Sw	100%	2021	\$48,300	5		В			
Raceway	100%	2021	\$46,300	3		D			
Conduit	80%	2021	\$16,900	1		В			
Conduit	20%	2021	\$10,900 * *	1		В			
Panelboards	2070	2041		1					
Molded Case Bkrs	80%	2020	\$22,200	5	\$200	В			
Molded Case Bkrs	20%	2037	ψ22,200 * *	5	\$100	В			
Wiring	2070	2031			Ψ100	ъ			
Thermoplastic	80%	2021	\$11,800	1		В			
Thermoplastic	20%	2041	**	1		В			
Motor Controllers	2070	2011		-					
Locally Mounted	70%	2019	\$2,600	5		В			
Locally Mounted	30%	2034	**	5		В			
Ground									
Grounding Devices									
Generic	100%	LIFE	* *	5	\$100	В			
Stand-by Power									
Transfer Switches									
Automatic	100%	2034	* *	1	\$3,100	В			
Generators					•				
Diesel	100%	2030	* *	1	\$3,900	В			
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Outside The Building								
	Explanation : One 80 Kva								
Batteries						<u> </u>			
Lead/Acid	100%	2015	\$600	5	\$400	В			

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 2405

Electrical	Current Repair	Future	Replacement	M			
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Stand-by Power							
Fuel Storage							
Main Tank	100%	2049	* *	5	\$300	В	
Lighting Interior Lighting							
Fluorescent	85%	2021	\$28,200	10	\$8,000	В	
	Other Observation, Extent: Moder Location: Throughout The Buildi Explanation: Using T-12 Lamps		ted : 100%				
Fluorescent	10%	2026	* *	10	\$900	В	
	Other Observation, Extent : Modera Location : First Floor Explanation : Using T-8 Lamps	ate, Area Affec	ted : 100%				
HID	5%	2021	\$100	10		В	
Egress Lighting							
Emergency, Battery	50%	2021	\$2,100	10	\$1,200	В	
Exit, Service	50%	2021	\$800	1		В	
Exterior Lighting HID	100%	2021	\$200	10		В	
Alarm							
Security System							
No Component	90%					D	
Generic	10%	2026	* *	1	\$400	В	
	Other Observation, Extent : Moderate, Area Affected : 100%  Location : Building Exterior						
	Explanation: At Front And Back	Doors Only					
Fire/Smoke Detection							
No Component	20%					D	
Generic	80%	2026	* *	1-3	\$5,100	В	

<b>Mechanical</b>	Current Repair	Current Repair Future Rep		Ma	Maintenance	
ystem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
eating						
Energy Source						
Natural Gas	100%	2031	* *	1		В
Conversion Equipment						
Furnace	10%	2021	\$1,400	1	\$500	В
	Other Observation, Extent : Light Location : Roof Explanation : 1 Unit	, Area Affected : 10	%			
Steam Boiler	90%	2026	* *	1	\$9,100	В
	Other Observation, Extent : Light Location : 1st Floor Boiler Room Explanation : 1 Unit		%			
Distribution Steam Piping/Pump	100%	2031	* *	4	\$800	В

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

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

Asset #: 2405

Mechanical		Current F	Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating								
Terminal Devices								
Convector/Radiator	60%			2026	* *	1	\$2,000	В
Unit Heater-Stm/HW	40%			2021	\$3,600	4	\$400	В
Air Conditioning								
Energy Source								
Electricity	100%			2029	* *	1		В
Conversion Equipment								_
Ext Pkg Unit -	20%			2021	\$15,000	2	\$100	В
Heating/Cooling	40			•				_
Window/Wall Unit	40%			2016	\$9,400	1		В
No Component	40%				20.4			D
			Extent : Light, Area	Affected	: 0%			
			or Electrical Room					
	Explana	tion : There	e Is No Ventilation	For Elec	trical Room			
Ventilation								
Distribution	1.000/	0.2	<b>#</b> <00	LIEE	* *	2.5	Φ <b>5 7</b> 00	D
Ductwork/Diffusers		0-2 aning, Exte : Through	\$600 ent : Moderate, Are out	LIFE a Affecte		2-5	\$5,700	В
Exhaust Fans								
Roof	100%			2021	\$9,100	2	\$300	В
Plumbing					•			
H/C Water Piping								
Brass/Copper	100%			2031	* *	1		В
Water Heater								
Gas Fired	100%			2019	\$2,700	2	\$200	В
Sanitary Piping					·			
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Fixtures								
Generic	100%							В
Fire Suppression								
Standpipe								
Generic	1.000/			2031	* *	1-5	\$5,200	В
Generic	100%			2031		1-5	Ψ3,200	ט
Sprinkler	100%			2031		1-3	\$3,200	Б

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

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

Asset Name : ENGINE CO. 168 EMS STATION 23 ROSSVILLE STATION
Address : 1100 ROSSVILLE AVENUE 300 VETERANS ROAD EAST

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIR0018.000 / 13581 Yr Built/Renovated : 2003 /

Area Sq Ft : 20,096 Project Type : FIRE DEPARTMENT

Date of Survey : 12-Apr-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 7067 Lot : 252 BIN : 5851738

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

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



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

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

Asset #: 13581

rchitecture	Current Repair		Futur	e Replacement	М	aintenance		
stem Component Type		Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
terior								
Exterior Walls	<b>-</b>					_	<b></b>	
Glass Block	2%	2.4	¢11 200	LIFE	* *	5	\$500	A
Masonry: Brick	83%	2-4	\$11,300	LIFE		5	\$17,200	A
	Location :		ed, Extent : Modera	ıte, Area	Апестеа : 100%			
Maral Calling Days				20.40	* *		¢4.000	
Metal Coiling Doors	15%	4+	\$3,700 xtent : Light, Area	2040		5	\$4,800	A
	Location :		_	Ајјестеи	. 100%			
Windows	Locuiton .	Through	Oui					
Aluminum	100%			2045	* *	5	\$500	A
Parapets	10070			2013			Ψ500	7.1
Metal Rail	100%			2040	* *	5-10	\$43,800	Α
Roof							, ,	
Modified Bitumen	100%	2-4	\$53,600	2023	\$178,500			A
	Alligatoring	g, Extent :	Moderate, Area A	ffected :				
	Location:	Through	out					
	Blisters, Ex	tent : Mod	derate, Area Affect	ed : 10%				
	Location:	Through	out					
	Recent Repo	air Evider	nt, Extent : Light, A	rea Affe	cted : 30%			
	Location :	Through	out					
erior								
Floors	400/			LIPE	* *	~	¢42.100	C
Cast in Place Concrete	40%	0.2	¢2.700	LIFE	**	5	\$43,100	C
Ceramic Tile	10%	0-2	\$2,700	2036		5	\$1,200	С
	Location :	_	Extent: Severe, A	rea Ajjec	nea : 20%			
Cl ( V' 1/D . 1 l		Kuchen		2021	* *		Ф <b>7</b> 400	
Sheet Vinyl/Rubber	20%			2031 2031	* *	5 3	\$7,400	C C
Vinyl Tile Interior Walls	30%			2031		3	\$2,800	C
Cast in Place Concrete	15%			LIFE	* *	10	\$7,300	C
Concrete Masonry Unit	70%	2-4	\$10,000	LIFE	* *	5	\$7,300 \$5,400	C C
Concrete Masonry Onit			\$10,000 tent : Moderate, Ai			3	\$3,400	C
			out Cellar	eu rijjec	ieu . 1070			
Glass Block				LIFE	* *	10	\$400	C
Gypsum Board	5% 10%			LIFE	* *	5-10	\$3,300	C
	10%			LIFE		5-10	\$3,300	C
Ceilings Exposed Concrete	30%	2-4	\$5,600	LIFE	* *	5	\$1,200	В
Exposed Concrete			tent : Moderate, Ai		ted · 5%	3	ψ1,200	ъ
	_		out Cellar Ceiling	cu rijjet				
Exposed Struc: Steel	40%			LIFE	* *	10	\$19,700	В
-	40% 5%			LIFE	**	5-10	\$19,700	В
Gypsum Board Metal Panel	5% 25%	0-2	\$29,300	LIFE	* *	5-10 5	\$4,200 \$7,700	В
Metal Fallel			\$29,300 Extent : Moderate, A			3	\$7,700	D
			E. M. S. And 2nd I					
	Locuion .	michell,	L. M. D. Ana 2110 1	LOUI LO	INI ROUII			

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

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

Asset #: 13581

Electrical	Current Re	Current Repair		placement	Maintenance		
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year Esti FY	imated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Jnder 600 Volts							
Service Equipment					_		_
Fused Disc Sw	75% 4+ Suspect Water Damage Location: Electrical Other Observation, Ex.	Room			5		В
	Location : Electrical	Room					
	Explanation: One El	ectrical Service F	Rated At 800 A	Amps			
Photovoltaic Panel(s)	25%		2032	* *	1		В
· · ·	Other Observation, Ex- Location: Basement	And Roof					
	Explanation : Photov Electric Room In Bas		servea On Koo	f. Photovoita	ис Едигр	ment Observea In	
Switchgear / Switchboard							
Fused Disc Sw	100%		2043	* *	5	\$100	В
Raceway						· · · · · · · · · · · · · · · · · · ·	
Conduit	100%		2043	* *	1		В
Panelboards							
Molded Case Bkrs	100%		2039	* *	5	\$400	В
Wiring							
Thermoplastic	100%		2043	* *	1		В
Motor Controllers							
Locally Mounted	100%		2036	* *	5	\$100	В
·	Other Observation, Ex. Location : 1st Floor	tent : Light, Area	Affected : 100	0%			
	Explanation: (3) Ove	erhead Door Ope	rators				
Fround							
Grounding Devices					_		_
Generic	100% Other Observation, Ex. Location: Water Me. Explanation: Connec	ter Room		**	5	\$500	В
stand-by Power							
Transfer Switches							
Automatic	100%		2036	* *	1	\$5,100	В
Generators							
Diesel	100%		2032	* *	1	\$6,400	В
	Other Observation, Ex Location : Exterior R Explanation : 80 Kva	ear Yard	Affected : 100	0%			
Batteries							
Lead/Acid	100%		2017	\$600	5	\$600	В
	Other Observation, Exterior R	ear Yard		0%			
	Explanation: Within	Generator Enclo	sure				

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 13581

Electrical	Current Repair	Future	Replacement	Ma		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year F FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Stand-by Power						
Fuel Storage						
Day Tank	100%	2039	* *	5	\$3,100	В
	Other Observation, Extent:	Light, Area Affected:	100%			
	Location : Exterior Rear Y	'ard				
	Explanation : Below Gene	rator				
Lighting						
Interior Lighting						
Fluorescent	100%	2028	* *	10	\$15,100	В
	T-8 Lamps, Extent: Light, A	Area Affected : 100%				
	Location: Throughout					
Egress Lighting						
Exit, LED	100%	2051	* *	1		В
Exterior Lighting						
HID	100%	2028	* *	10	\$100	В
	Other Observation, Extent :	Light, Area Affected:	100%			
	Location : Exterior					
	Explanation: Wall Packs	On Buildings, Light Po	les In Parking A	rea		
Lightning Protection						
Arresters/Cabling						
Generic	100%	2051	* *	5	\$500	В
Alarm						
Fire/Smoke Detection						
Generic	100%	2028	* *	1-3	\$10,200	В

Mechanical		Current Repa	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating								
Energy Source								
Natural Gas	100%			2049	* *	1		В
Conversion Equipment								
Hot Water Boiler	100%			2040	* *	1	\$8,200	В
Distribution								
Hot Wtr Piping/Pump	100%			2045	* *	4	\$800	В
Terminal Devices								
Air Handler	30%			2031	* *	1	\$3,100	В
Convector/Radiator	30%			2040	* *	1	\$1,600	В
Unit Heater-Stm/HW	20%			2028	* *	4	\$300	В
Unit Heater-Stm/HW	20%	Now	\$23,600	2033	* *	4	\$300	В
	Unit Inope	rable, Extent :	Severe, Area A	ffected :	100%			
	Location	: Apparatus A	rea					
	Other Obse	ervation, Exten	it : Severe, Are	a Affecte	d: 100%			
	Location	: Apparatus A	rea					
	Explanat	ion : Not Func	tioning					
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		В

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

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

Asset #: 13581

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Air Conditioning	<u> </u>			•				
Conversion Equipment								
Ext Pkg Unit - Cooling	50%			2028	* *	2	\$500	В
Split Unit	5%			2023	\$4,200			В
Window/Wall Unit	5%			2021	\$1,900	1		В
No Component	40%							D
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2	\$16,000	В
No Component	40%							D
Heat Rejection								
Air Condenser Unit	5%			2028	* *	2	\$600	В
No Component	95%							D
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$7,300	В
No Component	50%							D
Exhaust Fans								
Roof	100%			2028	* *	2	\$500	В
lumbing								
H/C Water Piping								
Brass/Copper	70%			2049	* *	1		В
Galv Iron/Steel	30%			2040	* *	1		В
Water Heater								
Gas Fired	100%			2021	\$4,300	2	\$200	В
			Extent : Light, Area	Affected	: 100%			
			lechanical Room					
	Explana	tion : Two	75 Gallon Water H	eaters				
Sanitary Piping	1.000/				* *			-
Cast Iron	100%		. F. F I is let A	LIFE		1		В
		pair Eviaei 1 : Through	nt, Extent : Light, A out	rea А <del></del> ЈЈе	ctea : 20%			
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	\$2,000	В
Backflow Preventer								
Generic	100%			2031	* *	1	\$1,000	В
Fixtures						_		
Generic	100%							В
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Apparatus Area							
	Explana	tion : Appa	ratus Area Drinkin	g Founta	ain Not Operating			

Fire Suppression

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

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

Asset #: 13581

Mechanical	Current Repa	air Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fire Suppression Sprinkler						
No Component	60%					D
Generic	40%	2049	* *	1-2	\$1,800	В
	Other Observation, Exter	nt : Light, Area Affected	d : 40%			
	Location : Cellar					
	Explanation : Cellar Fu	ully Sprinkled				
Chemical System						
Wet	100%	2022	\$26,000	1-3	\$46,700	В
	Other Observation, Exter	nt : Light, Area Affected	d : 100%			
	Location : Kitchen					
	Explanation: Over Ran	nge				

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
Total	\$4,100	\$2,400	\$5,000	\$30,300
Priority A				\$6,900
Priority B	\$3,100	\$2,400	\$5,000	\$20,900
Priority C	\$1,000			\$2,500
Total	\$4,100	\$2,400	\$5,000	\$30,300



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

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

Asset #: 4525

Architecture		Current F	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior				•				•
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,300	A
Masonry: Brick	70%			LIFE	* *	5	\$14,500	A
Metal/Glass Curt Wall	10%			LIFE	* *	5	\$3,900	A
Metal Coiling Doors	10%			2042	* *	5	\$6,500	Α
Windows								
Aluminum	100%			2047	* *	5	\$500	A
Parapets								
Masonry: Brick	70%			LIFE	* *	5	\$1,700	A
Metal Cornice	10%			2062	* *	10	\$800	A
	Other Ob.	servation, E	Extent : Light, Area	Affected	: 100%			
	Location	ı : Through	out					
	Explana	tion : This I	Is The Coping					
Metal Rail	20%			2042	* *	5-10	\$8,800	A
Roof								
Metal Panel	20%			2042	* *	10	\$9,300	Α
Modified Bitumen	30%			2032	* *	10	\$7,600	A
Plaza Roof: Stone Panels	50%			2052	* *		,	A
nterior								
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	\$32,300	C
Ceramic Tile	5%			2037	* *	5	\$1,200	C
Quarry Tile	2%			2042	* *	5	\$700	C
Vinyl Tile	33%			2032	* *	3	\$4,100	C
Interior Walls								
Ceramic Tile	5%			2037	* *	5	\$1,000	C
Concrete Masonry Unit	20%			LIFE	* *	5	\$1,600	C
Gypsum Board	75%			LIFE	* *	5	\$8,700	C
Ceilings								
AcousTileSusp.Lay-In	30%			2042	* *	5	\$7,400	В
Exposed Struc: Steel	60%			LIFE	* *			В
Gypsum Board	10%			LIFE	* *	5	\$3,100	В

Electrical	Current Repair	Future Replace	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimat FY	ed Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts	•					
Service Equipment						
Fused Disc Sw	100%	2042	* *	5	\$100	В
	Other Observation, Extent : Moderate,	Area Affected: 100	0%			
	Location: Electrical Room					
	Explanation: Two 400 Amps Main D	isconnect Switch				
Switchgear / Switchboard						
Fused Disc Sw	100%	2042	* *	5	\$100	В
Raceway						
Conduit	100%	2048	* *	1		В

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

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

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

Asset #: 4525

Electrical	Currer	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts							
Panelboards							
Fused Disc Sw	5%		2038	* *	5		В
Molded Case Bkrs	95%		2038	* *	5	\$400	В
Wiring							
Thermoplastic	100%		2048	* *	1		В
Motor Controllers							
Locally Mounted	100%		2035	* *	5	\$100	В
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	В
Stand-by Power							
Transfer Switches							
Automatic	100%		2035	* *	1	\$5,100	В
Generators							
Diesel	100%		2031	* *	1	\$6,300	В
		, Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Outside						
	Explanation : Or	ne 80 Kva					
Batteries	1000/		2016	φ	_	φ	
Lead/Acid	100%		2016	\$600	5	\$600	В
Fuel Storage	1000/		2020	* *	_	Φ2.000	
Day Tank	100%		2038	* *	5	\$3,000	В
Lighting							
Interior Lighting	1000/		2027	* *	10	Φ1.7. OOO	D
Fluorescent	100%	T M 1 .	2027		10	\$15,000	В
		, Extent : Moderate, A	Area Affe	ctea : 100%			
	Location: Throu	_					
	Explanation: Us	ing I-8 Lamps					
Egress Lighting	<b>500</b> /		2025	مات مات			ъ
Emergency, Service	50%		2027	* *	1		В
Exit, Service	50%		2027	* *	1		В
Exterior Lighting	1000/		2025		4.0	<b>4.22</b>	
HID	100%		2027	* *	10	\$100	В
Lightning Protection							
Arresters/Cabling	400		2075	a ·	_	<b>*</b> = 0 =	-
Generic	100%		2050	* *	5	\$500	В

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Energy Source							
Natural Gas	100%		2048	* *	1		В

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

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

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

Asset #: 4525

Mechanical		Current Repair		Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating								
Conversion Equipment	<b>500</b> /			2020	ate ate		<b>44000</b>	-
Furnace	60%			2030	**	1	\$4,900	В
	Location		Extent : Light, Area	Ајјестеа	: 00%			
		-	of Top Units					
Hot Woton Doilon	40%		oj Top Unus	2039	* *	1	\$3,200	D
Hot Water Boiler			Extent : Light, Area			1	\$3,200	В
		servanon, E n : Boiler R	_	Ајјестеи	. 40%			
		n . Botter K tion : 1 Uni						
Terminal Devices	Елрини	iiion . 1 Oni	ı					
Unit Heater-Stm/HW	40%			2030	* *	4	\$900	В
No Component	60%			2030		•	Ψ	D
Air Conditioning	0070							
Energy Source								
Electricity	100%			2044	* *	1		В
Conversion Equipment								
Int Pkg Unit - Cooling	20%			2026	* *	2	\$200	В
Ext Pkg Unit -	60%			2030	* *	2	\$600	В
Heating/Cooling								
	Other Ob	servation, E	Extent : Light, Area	Affected	: 60%			
	Location	n : Roof						
	Explana	ition : 6 Rtu	S					
No Component	20%							D
Heat Rejection								_
Air Condenser Unit	20%			2030	* *	2	\$2,300	В
No Component	80%	1						D
Ventilation								
Distribution								
Ductwork/Diffusers	100%	1		LIFE	* *	2-5	\$9,100	В
Exhaust Fans	1000			2020	ate ate		Φ	
Roof	100%	1		2030	* *	2	\$500	В
Plumbing								
H/C Water Piping	1000/			2049	* *	1		D
Brass/Copper	100%			2048	* *	1		В
Water Heater Gas Fired	100%			2021	\$4,200	2	\$200	В
Sanitary Piping	100%			2021	\$4,200	2	\$200	D
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping	100%			LH-E		1		ם ם
Cast Iron	100%			LIFE	* *	1		В
Backflow Preventer	10070			тит.		1		
Generic	100%			2030	* *	1	\$1,000	В
Fixtures	100/0	•		2030		1	Ψ1,000	
Generic	100%							В
Generic	100/0							<u> </u>

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

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

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

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
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
Total	\$68,300	\$19,100	\$75,100	\$24,600
Priority A				
Priority B	\$35,500	\$17,200	\$73,000	\$14,800
Priority C	\$32,900	\$2,000	\$2,200	\$9,800
Total	\$68.300	\$19,100	\$75,100	\$24,600



 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 131

Architecture	Current Repair	М	Maintenance		
ystem Component Type	% of Fail Date Estimated Co Total (Years)	Section Sectin Section Section Section Section Section Section Section Section	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Cod
kterior					
Exterior Walls Cast in Place Concrete	30% Now \$152,90 Caulking Deteriorated, Extent: Mod Location: At Junction Of Metal Tu Water Penetration, Extent: Moderat Location: At Auditorium Exit	lerate, Area Affected : 0% nnel And Concrete At Auditor	5 ium Exit	\$121,300	A
Metal/Glass Curt Wall	20% Now \$1,154,60 Broken/Missing Elements, Extent: St Location: Throughout		5	\$30,300	A
Metal Panel	50% Now \$125,10 Corrosion/Rusting, Extent: Moderat Location: Along Wall Base Caulking Deteriorated, Extent: Mod Location: Along Wall Base Water Penetration, Extent: Moderat Location: At Corridor Adjacent To	re, Area Affected : 10% derate, Area Affected : 50% re, Area Affected : 50%	5	\$75,800	A
Windows					
Aluminum	100% Now \$645,30 Air Infiltration, Extent: Moderate, A Location: Throughout Broken/Missing Elements, Extent: Si Location: Throughout Ctrwt/Balnc Not Funct, Extent: Seve Location: Throughout	rea Affected : 40% evere, Area Affected : 40%	5	\$6,900	A
Roof	1000/ N	0 2026 **			
Metal Panel	100% Now \$698,70 Corrosion/Rusting, Extent: Light, An Location: At Corridor Adjacent To Gut/DS Non Func/Miss, Extent: Moderat Location: Along First Floor Corrid Water Penetration, Extent: Moderat Location: Along First Floor Corrid	rea Affected : 25% o Wall derate, Area Affected : 30% dor e, Area Affected : 20%			A
terior					
Floors Carpet	30% 0-2 \$16,00 Worn/Eroded, Extent : Moderate, Ar Location : Throughout		3	\$20,800	С
Cast in Place Concrete	13% Now \$4,50 Cracking/Crumbling, Extent: Severe Location: Slab Settlement At Fron	e, Area Affected : 5%	5	\$13,200	С
Ceramic Tile	2%	2030 **	5	\$900	С
Vinyl Tile Wood	50% 5% Recent Repair Evident, Extent : Ligh Location : Throughout	2026 ** 2061 ** t, Area Affected : 100%	3 5	\$11,600 \$4,300	C C

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

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

Asset #: 131

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior								
Interior Walls								
Cast in Place Concrete	5%	Now	\$9,500	LIFE	* *			C
	_	Crumbling, 1 : First Flo	Extent : Severe, A oor	rea Affec	cted : 3%			
Ceramic Tile	5%			2030	* *	5	\$3,000	С
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	В
AcousTileSusp.Lay-In	25%			2034	* *	5	\$11,600	В
Exposed Struc: Steel	70%	4+	\$143,900	LIFE	* *			В
-	Corrosion	/Rusting, E	xtent : Light, Area	Affected	: 40%			
	Location	: Through	out					
	Water Pen	etration, E	xtent : Light, Area	Affected	: 20%			
	Location	: First Flo	or Corridor					

ectrical	Current Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
der 600 Volts						
Service Equipment						
Fused Disc Sw	70%	2021	\$19,600	5	\$100	В
	Other Observation, Extent	: Moderate, Area Affe	ected : 100%			
	Location : Electrical Roo	m				
	Explanation: One 4000 A	Amps And 1200 Amps	Main Disconnect S	Switch		
Fused Disc Sw	30%	2031	* *	5		В
	Other Observation, Extent	: Moderate, Area Affe	ected : 100%			
	Location : Electrical Roo	m				
	Explanation: One 1200 A	Amps Main Disconned	et Switch			
Transformers						
Dry Type	100%	2026	* *	5	\$100	В
Switchgear / Switchboard						
Fused Disc Sw	80%	2021	\$69,800	5	\$100	В
Fused Disc Sw	20%	2031	* *	5		В
Raceway						
Conduit	90%	2021	\$52,600	1		В
Conduit	10%	2031	* *	1		В
Panelboards						
Molded Case Bkrs	90%	2020	\$59,500	5	\$800	В
Molded Case Bkrs	10%	2020	\$6,600	5	\$100	В
Wiring						
Thermoplastic	10%	2031	* *	1		В
Thermoplastic	90%	2021	\$53,500	1		В

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

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

Asset #: 131

Electrical	Current Repair	Future	Future Replacement		Maintenance				
System Component Type	% of Fail Date Estimated ( Total (Years)	Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code			
Under 600 Volts						1			
Motor Controllers									
Locally Mounted	10%	2026	* *	5		В			
Motor Control Center	90%	2019	\$60,700	5	\$800	В			
Ground									
Grounding Devices									
Generic	100%	LIFE	* *	5	\$500	В			
Stand-by Power									
Transfer Switches						_			
Automatic	100%	2019	\$10,300	1	\$10,200	В			
Generators									
Diesel	100%	2017	\$66,100	1	\$12,800	В			
		Other Observation, Extent: Moderate, Area Affected: 100%							
	Location : Generator Room								
	Explanation : One 281 Kva								
Batteries	1005			_	44.500	_			
Lead/Acid	100%	2014	\$600	5	\$1,200	В			
Fuel Storage	1000/	2020	ΦΦ #00	_	φ <b></b>	-			
Day Tank	100%	2020	\$2,500	5	\$5,700	В			
Lighting									
Interior Lighting	504	2020	* *	10	Φ1 400	ъ			
Fluorescent	5%	2029		10	\$1,400	В			
	Other Observation, Extent: Moder		пеа : 100%						
	Location: Auditorium And Hallw	vay							
	Explanation: Using T-5 Lamps		<b></b>		<b>**</b> *****				
Fluorescent	85%	2016	\$129,600	10	\$24,100	В			
	Other Observation, Extent: Moder		cted: 100%						
	Location: Throughout The Build	ing							
	Explanation: T-12 Lamps								
Fluorescent	10%	2029	* *	10	\$2,800	В			
	Other Observation, Extent : Moder	rate, Area Affeo	cted : 100%						
	Location : Mezzanine								
	Explanation: Using T-8 Lamps								
Egress Lighting									
Emergency, Service	50%	2016	\$2,500	1		В			
Exit, Service	50%	2016	\$2,500	1		В			
Exterior Lighting	1005		<b></b>			_			
HID	100%	2016	\$13,500	10	\$100	В			
Alarm									
Security System	<b>70</b> 04					-			
No Component	50%	-0	<b></b>		A - A -	D			
Generic	50%	2021	\$55,700	1	\$6,200	В			
Fire/Smoke Detection	1000		<b></b>			-			
Generic	100%	2021	\$381,400	1-3	\$20,400	В			

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 131

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating	•							
Energy Source	1000/			2021	* *	~	Φο σοο	D
Fuel Oil No 2	100%			2031	* *	5	\$9,600	В
Conversion Equipment Hot Water Boiler	100%			2019	\$77,500	1	\$15,300	В
Hot water Boner		ed For Hot	Water, Extent : Lig			1	\$15,500	Б
		: Boiler R	_	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	iggeetea : 10070			
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
		: Boiler R	_	55				
	Explana	tion : 2 Un	its - #2 Boiler Is Sc	heduled T	To Be Replaced			
Distribution								
Hot Wtr Piping/Pump	100%			2029	* *	4	\$1,500	В
Terminal Devices								
Air Handler	70%			2016	\$130,000	1	\$13,400	В
Convector/Radiator	30%			2026	* *	1	\$3,000	В
Air Conditioning								
Energy Source	1000/			2020	* *	1		D
Electricity	100%			2029	-11-	1		В
Conversion Equipment Reciprocating	100%	Now	\$116,900	2031	* *	1	\$12,900	В
Compr/Chiller	100%	NOW	\$110,900	2031		1	\$12,900	Ь
Compi/Cimer	Unit Inope	rable. Exte	ent : Moderate, Are	a Affecte	d : 75%			
	-		Of 16 Compressors					
Distribution								
Chilled Wtr Pipe/Pump	100%			2021	\$168,300	4	\$1,500	В
Terminal Devices								
Air Handler/Cool/Ht	100%	Now	\$14,600	2016	\$146,300	1	\$17,200	В
			t : Severe, Area Aff	ected : 70	0%			
	Location	: Pneuma	tic Control System					
Heat Rejection								
Air Condenser Unit	100%			2016	\$68,800	2	\$21,600	В
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$17,300	В
Exhaust Fans	100%			LIFE		2-3	\$17,300	D
Roof	100%			2021	\$27,400	2	\$1,000	В
Plumbing	10070			2021	Ψ21,400		Ψ1,000	
H/C Water Piping								
Brass/Copper	100%			2031	* *	1		В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Fixtures								
Generic	100%							В
Fire Suppression								
Standpipe	1000			2021	ala -t-	1.7	015 600	D
Generic	100%			2031	* *	1-5	\$15,600	В

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

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

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# FIRE DEPARTMENT - 057 FIRE ACADEMY ADMINISTRATION BLDG #9

Asset #: 131

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

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	
Total	\$1,300		\$4,700	\$100
Priority A	\$1,200			
Priority B	\$100		\$4,700	\$100
Priority C				
Total	\$1,300		\$4,700	\$100



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

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

#### FIRE DEPARTMENT - 057 FIRE ACADEMY BURN BUILDING #5

Asset #: 13554

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior							
Exterior Walls							
Cast in Place Concrete	5%		LIFE	* *	5	\$3,300	A
	Other Obs	ervation, Extent : Light, Ared	ı Affected	! : 100%			
	Location	: Throughout					
	Explanat	tion : 2 Story Bldg, No Basen	ient				
Masonry: Brick	95%		LIFE	* *	5	\$12,600	A
Windows							
Aluminum	50%		2043	* *	5	\$200	A
Metal Louvers	50%		2034	* *	10	\$1,200	A
Parapets							
Not Accessible	100%						D
Roof							
Modified Bitumen	100%		2029	* *	10	\$6,800	A
Interior							
Floors							
Cast in Place Concrete	100%		LIFE	* *	5	\$16,300	С
Interior Walls							
Cast in Place Concrete	20%		LIFE	* *			C
Concrete Masonry Unit	80%		LIFE	* *	5	\$2,000	C
Ceilings							
Exposed Concrete	100%		LIFE	* *	5	\$1,200	В

Electrical	Current Rep	air Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts						
Raceway						
Conduit	100%	2041	* *	1		В
Panelboards						
Molded Case Bkrs	100%	2037	* *	5	\$100	В
Wiring						
Thermoplastic	100%	2041	* *	1		В
Motor Controllers						
Locally Mounted	100%	2034	* *	5		В
Lighting						
Interior Lighting						
Fluorescent	100%	2026	* *	10	\$4,600	В
	Other Observation, Exte	nt : Moderate, Area Affe	cted : 100%			
	Location: Throughout					
	Explanation: Using Co	ompact Flourescent Lan	eps			
Exterior Lighting						
HID	100%	2026	* *	10		В

Mechanical	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code

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

Estimates are rounded to the nearest hundred dollars.

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

#### FIRE DEPARTMENT - 057 FIRE ACADEMY BURN BUILDING #5

Asset #: 13554

Mechanical	Current Repair	Future Repla	cement	Ma	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year Estima FY	ated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Ventilation						
Exhaust Fans						
Roof	100%	2026	* *	2	\$200	В
Plumbing						
H/C Water Piping						
Galv Iron/Steel	10%	2034	* *	1		В
	Other Observation, Extent : Li	ght, Area Affected : 10%				
	Location: 1st & 2nd Levels					
	Explanation : Standpipe Onl	y				
No Component	90%					D
Fire Suppression						
Standpipe						
No Component	90%					D
Generic	10%	2041	* *	1-5	\$300	В

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

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

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



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

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

# FIRE DEPARTMENT - 057 FIRE ACADEMY CLASSROOM BLDG. #11

Asset #: 13552

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior								
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	100%			2026	* *	10	\$24,300	A
Membrane								
Interior								
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	В
Exposed Struc: Steel	50%			LIFE	* *		•	В
Metal Panel	15%			LIFE	* *	5	\$9,100	В

lectrical	Current Repair	Future Repla	cement	M	aintenance	
ystem Component Type	% of Fail Date Estimate Total (Years)	ed Cost   Year   Estima FY	ated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2041	* *	5	\$900	В
	Other Observation, Extent : Mo	oderate, Area Affected : 1	00%			
	Location : Electrical Room					
	Explanation: One 1200 Amp.	s Main Disconnect Switch	!			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2041	* *	5	\$900	В
Raceway						
Conduit	100%	2041	* *	1		В
Panelboards						
Molded Case Bkrs	100%	2037	* *	5	\$900	В
Wiring						
Thermoplastic	100%	2041	* *	1		В

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

# FIRE DEPARTMENT - 057 FIRE ACADEMY CLASSROOM BLDG. #11

Asset #: 13552

Electrical	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimat	ted Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2034	* *	5	\$200	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$500	В
Stand-by Power						
Transfer Switches						
Automatic	100%	2034	* *	1	\$10,000	В
Lighting						
Interior Lighting						
Fluorescent	80%	2026	* *	10	\$23,900	В
	Other Observation, Extent: Moderate, Location: Throughout The Building Explanation: Using T-8 Lamps	Агеи Аујестей . 10	070			
Fluorescent	20%	2026	* *	10	\$6,000	В
	Other Observation, Extent : Moderate, Location : Throughout Explanation : Using T-5 Lamps	Area Affected : 10	0%		. ,	
Egress Lighting	Explanation : Using 1-3 Eamps					
Emergency, Service	50%	2026	* *	1		В
Exit, LED	50%	2049	* *	1		В
Exterior Lighting	5070	2077		1		ע
HID	100%	2026	* *	10	\$100	В
Alarm	100/0	2020		10	Ψ100	<u> </u>
Security System						
No Component	50%					D
Generic Generic	50%	2026	* *	1	\$6,100	В
Fire/Smoke Detection	5070	2020		1	ψ0,100	ע
Generic	100%	2026	* *	1-3	\$20,700	В
Generic	100/0	2020		1-7	Ψ20,700	ע

Mechanical	Current Repair	Future Rep	acement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estin FY	nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating						
Energy Source						
Fuel Oil No 2	100%	2051	* *	5	\$10,100	В
Conversion Equipment						
Hot Water Boiler	100%	2038	* *	1	\$16,100	В
	Other Observation, Extent: Light	Area Affected : 1009	%			
	Location: Boiler Room					
	Explanation: 2 Units					
Distribution						
Hot Wtr Piping/Pump	100%	2043	* *	4	\$2,400	В
Terminal Devices						
Air Handler	80%	2029	* *	1	\$16,100	В
Convector/Radiator	20%	2038	* *	1	\$2,100	В

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

# FIRE DEPARTMENT - 057 FIRE ACADEMY CLASSROOM BLDG. #11

Asset #: 13552

Mechanical	Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Air Conditioning			•				•
Energy Source							
Electricity	100%		2043	* *	1		В
Conversion Equipment							
Ext Pkg Unit - Cooling	80%		2026	* *	2	\$1,600	В
	Other Observation, Ex	ctent : Light, Area	Affected	: 100%			
	Location: Roof						
	Explanation: 2 Unit	ts					
No Component	20%						D
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$18,100	В
Exhaust Fans							
Roof	100%		2026	* *	2	\$1,000	В
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2047	* *	1		В
Water Heater							
Oil Fired	100%		2019	\$11,200	1	\$1,000	В
	Other Observation, Ex		Affected	: 100%			
	Location : Boiler Ro	om					
	Explanation: Two 2	50 Gallon Tanks					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
<b>Backflow Preventer</b>							
Generic	100%		2029	* *	1	\$2,000	В
Fixtures							
Generic	100%						В
Vertical Transport							
Elevators							
Geared Traction	100%		LIFE	* *			C
	Other Observation, Ex	xtent : Light, Area	Affected	: 100%			
	Location: 1-4						
	Explanation : One U	nit					
Fire Suppression							
Sprinkler					_		_
Generic	100%		2047	* *	1-2	\$9,100	В

 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

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

#### **CAPITAL**

**Total** 

Priority

**Total** 

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



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

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

# FIRE DEPARTMENT - 057 FIRE ACADEMY FIRE TRAINING BLDG #3

Asset #: 1989

rchitecture	Curren	t Repair	Future	Replacement	M	aintenance	
stem Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priorit Cod
terior							
Exterior Walls Masonry: Brick	90% 0-2 Jnt Mortar Miss/E Location : Penth	\$9,100 rod, Extent : Moderat ouse	LIFE e, Area Ą	* * ffected : 15%	5	\$2,800	A
Metal Coiling Doors	10% 4+ Deformed/Dented, Location: Throu	\$1,800 Extent : Light, Area I ghout	2034 Affected :	**	5	\$500	A
Windows Aluminum	Location : Throu	ements, Extent : Seve			5	\$200	A
Parapets Masonry: Brick	100% 0-2	\$1,200 rod, Extent : Light, A	LIFE rea Affect	* * ed : 15%	5	\$400	A
Roof Skylight, Metal/Glass	3% 0-2	\$1,300	2041	* *			A
Skylight, Metal/Glass	Broken/Missing El Location : Throu	ements, Extent : Ligh ghout , Extent : Light, Area	t, Area Af				Α
Traffic Topping	97% Now Cracking/Crumblin Location: Throu	\$21,700 ng, Extent : Severe, A ghout	2031 rea Affect	* * ed : 50%			A
	Location : Main I	, Extent : Moderate, A					
erior							
Cast in Place Concrete Interior Walls	100%		LIFE	* *	5	\$11,600	С
Concrete Masonry Unit	Location : Stairs				5	\$2,400	С
	Other Observation Location: Stairs Explanation: De		Area Affec	ted : 20%			
Ceilings							_
Exposed Concrete	100% Water Penetration, Location : Secon	, Extent : Moderate, A d Floor	LIFE Area Affec	* * ted : 10%	5	\$600	В

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

#### FIRE DEPARTMENT - 057 FIRE ACADEMY FIRE TRAINING BLDG #3

Asset #: 1989

Electrical	C	Surrent Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	7 0 0 0 0 0	nil Date Estimated Cost Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts							
Raceway							
Conduit	100%		2031	* *	1		В
Panelboards							
Molded Case Bkrs	100%		2029	* *	5	\$100	В
Wiring							
Thermoplastic	100%		2031	* *	1		В
Lighting							
Exterior Lighting							
HID	100%		2021	\$200	10		В

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year I	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Plumbing						
H/C Water Piping						
Galv Iron/Steel	10%	2026	* *	1		В
	Other Observation, Extent : Ligh	t, Area Affected :	10%			
	Location: 2 Floors					
	Explanation: Standpipe Only					
No Component	90%					D
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
	Other Observation, Extent : Ligh	t, Area Affected :	10%			
	Location: 1, 2, Roof					
	Explanation: Roof Drains Onl	y				
Fire Suppression						
Standpipe						
No Component	90%					D
Generic	10%	2031	* *	1-5	\$200	В

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

Asset Name : FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 9,594 Project Type : FIRE DEPARTMENT

Date of Survey : 30-Jun-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

#### **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
Total	\$80,100	\$1,600	\$35,300	\$4,800
Priority A	\$5,000			\$500
Priority B	\$39,000	\$900	\$35,300	\$1,100
Priority C	\$36,100	\$600		\$3,300
Total	\$80,100	\$1,600	\$35,300	\$4,800



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

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

#### FIRE DEPARTMENT - 057 FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8

Asset #: 1992

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior								
Exterior Walls						_		
Masonry: Brick	90%		Φ. σ. ο ο ο	LIFE	* *	5	\$6,400	A
Wood Overhead Doors	10%	Now	\$5,000	2034	**	5	\$1,800	A
		issing Eiem e: North Fa	ents, Extent : Mod	erate, Ar	еа Ајјестеа : 25%			
			icaae Extent : Moderate,	Area Af	fected · 50%			
		e : North Fa		717eu 71jj	,ecieu . 5070			
Windows								
Aluminum	100%			2037	* *	5	\$900	A
Parapets								
Masonry: Brick	95%			LIFE	* *	5	\$800	A
Pre-Cast Concrete	5%			LIFE	* *	5	\$300	A
Roof								
Modified Bitumen	100%			2031	**	10	\$7,700	A
			Extent : Light, Area	Affectea	l : 100%			
Interior	Location	: Through	Оиі					
Floors								
Carpet	50%	Now	\$35,300	2023	\$35,300	3	\$9,200	C
cper		r/Impact D	1 1		ea Affected : 100%	Ü	ψ> <b>,_</b> 00	
	Location	: Through	out					
Cast in Place Concrete	30%			LIFE	* *	5	\$8,000	С
Ceramic Tile	5%			2030	* *	5	\$600	C
Vinyl Tile	15%	Now	\$900	2026	* *	3	\$700	C
•	Punct/Tea	r/Impact D	amage, Extent : M	oderate,	Area Affected : 109	%		
	Location	: Through	out					
Interior Walls								
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	* *			С
Ceilings	600/	2-4	\$24.200	2041	* *	5	\$2,600	D
AcousTileSusp.Lay-In	60%		\$34,200 ents, Extent : Mod			3	\$2,600	В
		issing Lien. i : Meter Ro		егше, Аг	eu Ajjecieu . 570			
			Extent : Moderate	Area A	ffected · 25%			
		: Room 1	Zilieni i maderidio	, 11, 00, 12,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
			xtent : Moderate, A	rea Affe	cted : 10%			
		: Room 1		JJ -				
Exposed Struc: Steel	25%			LIFE	* *			В
Gypsum Board	15%			LIFE	* *	5	\$1,600	В
	1370						Ψ1,000	

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code

Under 600 Volts

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

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

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

# FIRE DEPARTMENT - 057 FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8

Asset #: 1992

Electrical	Current Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Estimated ( Total (Years)	Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts						
Service Equipment Fused Disc Sw	100% Other Observation, Extent : Moder	2021 ate, Area Affe	\$900 cted : 100%	5		В
	Location : Electrical Room					
	Explanation: Two 400 Amps Ma	in Disconnect	Switch			
Switchgear / Switchboard Fused Disc Sw	100%	2021	\$19,400	5		В
Raceway						
Conduit	20%	2031	* *	1		В
Conduit	80%	2021	\$16,900	1		В
Panelboards						
Fused Disc Sw	10%	2020	\$1,100	5		В
Molded Case Bkrs	80%	2020	\$8,800	5	\$200	В
Molded Case Bkrs	10%	2029	* *	5		В
Wiring						
Thermoplastic	80%	2021	\$11,800	1		В
Thermoplastic	20%	2031	* *	1		В
Motor Controllers						
Locally Mounted	100%	2019	\$4,100	5	\$100	В
Ground						
Grounding Devices						
Not Accessible	100%					D
Lighting						
Interior Lighting	0.504	2016	<b>417.100</b>	10	Φ	
Fluorescent	85%	2016	\$15,100	10	\$6,400	В
	Other Observation, Extent: Moder		cted : 100%			
	Location: Throughout The Build Explanation: T-12 Lamps	ing				
T7		2021	Ф1 000	10	Φ <b>7</b> 00	D.
Fluorescent	10%	2021	\$1,800	10	\$700	В
	Other Observation, Extent : Moder Location : Garrage	ате, Агеа Ајје	стеа : 100%			
	Explanation: Using T-8 Lamps					
HID	5%	2021	\$200	10		В
пір	3%	2021	\$200	10		D

Mechanical	Current Rep	pair Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Heating Energy Source Fuel Oil No 2	100%	2031	* *	5	\$2,500	В	

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> 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		Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Heating	•							•	
Conversion Equipment									
Hot Water Boiler	100%			2026	* *	1	\$4,100	В	
			Water, Extent: Lig	ght, Area	Affected: 100%				
		ı : Boiler R							
			Extent : Light, Area	Affected	: 100%				
		ı : Boiler R							
	Explana	tion : 1 Uni	it						
Distribution	1000			2025	de de		<b>4.00</b>		
Hot Wtr Piping/Pump	100%			2037	* *	4	\$400	В	
Terminal Devices	2004			2021	фо. 000		<b>#1.000</b>		
Air Handler	20%			2021	\$9,800 * *	1	\$1,000	В	
Convector/Radiator	70%			2026		1	\$1,900	В	
Unit Heater-Stm/HW	10%			2021	\$5,900	4	\$100	В	
Air Conditioning									
Energy Source	1000/			2027	* *	1		D	
Electricity	100%			2037	* *	1		В	
Conversion Equipment	400/			2021	¢16 000	2	\$200	D	
Ext Pkg Unit - Cooling Window/Wall Unit	40% 60%			2021 2016	\$16,800	2	\$200	B B	
Ventilation	00%			2010	\$11,200	1		Ъ	
Distribution									
Distribution  Ductwork/Diffusers	100%			LIFE	* *	2-5	\$4,600	В	
Exhaust Fans	10070			LIIL		23	Ψ+,000		
Roof	100%			2021	\$7,200	2	\$300	В	
Plumbing	10070			2021	Ψ1,200		Ψ500		
H/C Water Piping									
Brass/Copper	100%			2041	* *	1		В	
Sanitary Piping									
Cast Iron	100%			LIFE	* *	1		В	
Storm Drain Piping									
Cast Iron	100%			LIFE	* *	1		В	
Sewage Ejector(s)									
Electric	100%	Now	\$4,000	2026	* *	4	\$1,300	В	
	Broken, E	xtent : Mod	lerate, Area Affecte	ed : 40%					
		-	iectors Located In I Ioat Problem	Pit Adjac	ent To Building, O	ne Pump	Out Of Service		
Fixtures									
Generic	100%							В	
Fire Suppression									
Sprinkler									
No Component	85%				_			D	
Generic	15%			2031	* *	1-2	\$300	В	

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset Name : FIRE ACADEMY MASK SERVICE UNIT BLDG #7

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 10,534 Project Type : FIRE DEPARTMENT

Date of Survey : 30-Jun-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

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

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



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

# FIRE DEPARTMENT - 057 FIRE ACADEMY MASK SERVICE UNIT BLDG #7

Asset #: 1991

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
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	Α
	Location Explana		Extent : Moderate, A all Section On New l Deck	Additor	ı			
Modified Bitumen	70%			2026	* *	10	\$5,900	A
nterior 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	\$37,500	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
		Crumbling, 1 : Garage	Extent : Moderate	, Area Aj	ffected : 5%			
Ceilings								
AcousTileSusp.Lay-In	30%			2038	* *	5	\$2,900	В
AcousTileSusp.Lay-In	10%			2034	* *	5	\$1,000	В
Exposed Struc: Steel	40%			LIFE	* *			В
Exposed Struc: Steel	10%			LIFE	* *			В
Gypsum Board	10%			LIFE	* *	5	\$1,200	В

Electrical		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code

Under 600 Volts

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

# FIRE DEPARTMENT - 057 FIRE ACADEMY MASK SERVICE UNIT BLDG #7

Asset #: 1991

Electrical	Current Repair	Current Repair Future Replacement		Ma					
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Es	timated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code			
Under 600 Volts									
Service Equipment									
Fused Disc Sw	50%	2041	* *	5		В			
	Other Observation, Extent : Mo	oderate, Area Affected	d : 100%						
	Location: Electrical Room								
	Explanation: One 400 Amps								
Fused Disc Sw	50%	2041	* *	5		В			
	Other Observation, Extent : Me	oderate, Area Affected	d : 100%						
	Location : Electrical Room								
	Explanation: One 200 Amps	Main Disconnect Swi	itch						
Switchgear / Switchboard									
Molded Case Bkrs	100%	2031	* *	5	\$200	В			
Raceway									
Conduit	50%	2021	\$10,600	1		В			
Conduit	50%	2041	* *	1		В			
Panelboards									
Molded Case Bkrs	50%	2020	\$5,500	5	\$100	В			
Molded Case Bkrs	50%	2037	* *	5	\$100	В			
Wiring									
Thermoplastic	50%	2021	\$7,400	1		В			
Thermoplastic	50%	2041	* *	1		В			
Motor Controllers				_		_			
Locally Mounted	100%	2019	\$8,300	5	\$100	В			
Lighting									
Interior Lighting			de de			_			
Fluorescent	5%	2026	**	10	\$400	В			
		Other Observation, Extent: Moderate, Area Affected: 100%							
	Location: Stairway	. 17							
	Explanation: Using Compac								
Fluorescent	65%	2016	\$12,600	10	\$5,300	В			
	Other Observation, Extent : Mo		d: 100%						
	Location: Throughout The B								
	Explanation: Using T-12 Lan	•							
Fluorescent	30%	2026	* *	10	\$2,500	В			
Egress Lighting									
Emergency, Battery	50%	2026	* *	10	\$1,100	В			
Exit, Service	50%	2026	* *	1		В			
Exterior Lighting									
HID	100%	2026	* *	10		В			

Mechanical	Currer	t Repair	Futu	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating Energy Source Fuel Oil No 2	100%		2031	* *	5	\$2,800	В

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

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

# FIRE DEPARTMENT - 057 FIRE ACADEMY MASK SERVICE UNIT BLDG #7

Asset #: 1991

Mechanical	Current Repair		Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating								
Conversion Equipment								
Hot Water Boiler	100%			2026	* *	1	\$4,400	В
	Boiler Use	d For Hot	Water, Extent: Lig	ht, Area	Affected: 100%			
	Location	: Boiler R	oom					
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	: Boiler R	oom					
	Explanat	ion : 1 Uni	it					
Distribution								
Hot Wtr Piping/Pump	100%			2029	* *	4	\$400	В
Terminal Devices							·	
Convector/Radiator	60%			2026	* *	1	\$1,700	В
Fan Coil Unit/Heat	40%			2021	\$59,800	1	\$1,200	В
Air Conditioning					, , , , , , , ,		1 ,	
Energy Source								
Electricity	100%			2037	* *	1		В
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2026	* *	2	\$100	В
Window/Wall Unit	40%			2016	\$8,200	1	Ψ100	В
No Component	40%			2010	φο,200	•		D
Ventilation	1070							
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$5,000	В
Exhaust Fans	10070						ψ3,000	
Roof	100%			2021	\$7,900	2	\$300	В
Plumbing	10070			2021	Ψ1,500		Ψ300	
H/C Water Piping								
Brass/Copper	100%			2031	* *	1		В
Sanitary Piping	10070			2031		1		
Cast Iron	100%			LIFE	* *	1		В
	10070			LILL		1		ъ
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		В
Fixtures	100%			LIFE		1		D
	100%							В
Generic	100%							D
Fire Suppression								
Sprinkler No Commonwet	750/							Ъ
No Component	75%			2021	* *	1.2	<b>\$</b>	D
Generic	25%			2031	* *	1-2	\$600	В

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

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

#### **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
Total	\$2,700	\$600	\$900	\$2,100
Priority A	\$2,100			
Priority B	\$600	\$600	\$900	\$2,000
Priority C	\$100			\$100
Total	\$2,700	\$600	\$900	\$2,100



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

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

# FIRE DEPARTMENT - 057 FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14

Asset #: 13719

Architecture	Current Repair	Future Replac	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimat FY	ed Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior						
Exterior Walls				_	<b></b>	
Cast in Place Concrete	5%	LIFE	* *	5	\$3,100	A
	Other Observation, Extent: Light, Are Location: East Side	га Ајјества : 5%				
	Explanation : Stairway To Roof					
Concrete Masonry Unit	85%	LIFE	* *	5	\$6,600	A
Concrete Wasoni'y Omit	Efflorescence, Extent : Light, Area Aff			3	ψ0,000	Α
	Location: Throughout	cerea : 570				
Metal Coiling Doors	10%	2038	* *	5	\$3,900	A
Windows						
Metal Louvers	100%	2034	* *	10	\$2,100	A
Parapets						
Cast Stone/Terra Cotta	10%	LIFE	* *	5	\$1,900	A
	Other Observation, Extent: Light, Are	ea Affected : 5%				
	Location: Top Of Parapet					
	Explanation: Coping		de de		<b></b>	
Concrete Masonry Unit	90%	LIFE	* *	5	\$2,500	A
Roof	80%	2029	* *	10	\$10,600	A
Built-Up (BUR)	Other Observation, Extent : Moderate			10	\$10,000	А
	Location: Throughout	, meanyjeciea . 100	770			
	Explanation : Stone Ballast					
Built-Up (BUR)	20%	2029	* *	10	\$2,600	A
2 unt ep (2 en)	Other Observation, Extent : Moderate		0%	10	Ψ <b>2</b> ,000	
	Location : Throughout	. 30				
	Explanation: Concrete Pavers					
Interior						
Floors						
Cast in Place Concrete	90%	LIFE	* *	5	\$13,900	C
Vinyl Tile	10%	2029	* *	3	\$400	С
Interior Walls	020/	LIEE	* *	_	¢1.000	C
Concrete Masonry Unit	92%	LIFE	**	5	\$1,900	C
Concrete Masonry Unit	8% Other Observation, Extent: Moderate	LIFE		5	\$200	С
	Location : At Train Platform	, лгеи лујестеи . 6%	,			
	Explanation: 6" X 6" Units					
Ceilings	7					
Acous Tile Susp. Lay-In	10%	2038	* *	5	\$700	В
Exposed Struc: Steel	90%	LIFE	* *	•	1 : 2 2	В

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

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

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

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

# FIRE DEPARTMENT - 057 FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14

Asset #: 13719

Electrical	Current Repair Future Replac		ment	M	Maintenance		
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estimate FY	d Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Under 600 Volts							
Panelboards							
Molded Case Bkrs	100%	2043	* *	5	\$100	В	
Wiring							
Thermoplastic	100%	2047	* *	1		В	
Motor Controllers							
Locally Mounted	100%	2038	* *	5		В	
Lighting							
Interior Lighting							
Fluorescent	94%	2029	* *	10	\$4,100	В	
	Other Observation, Extent : M	loderate, Area Affected : 1005	%				
	Location : Throughout The I	Building					
	Explanation: Using T-8 Lan	nps					
Fluorescent	4%	2029	* *	10	\$200	В	
	Other Observation, Extent : M	oderate, Area Affected : 100	%				
	Location : Hallways						
	Explanation: Using T-5 Lan	nps					
HID	2%	2029	* *	10		В	
Egress Lighting							
Emergency, Battery	50%	2029	* *	10	\$600	В	
Exit, Service	50%	2029	* *	1		В	
Exterior Lighting							
HID	100%	2029	* *	10		В	

Mechanical	Current Repa	air Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating						
Energy Source						
Fuel Oil No 2	100%	2047	* *	5	\$1,500	В
Conversion Equipment						
Hot Water Boiler	100%	2038	* *	1	\$2,300	В
	Other Observation, Exter	nt : Light, Area Affected	: 100%			
	Location: Boiler Room	ı				
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2043	* *	4	\$300	В
Terminal Devices						
Air Handler	40%	2029	* *	1	\$1,200	В
Convector/Radiator	20%	2038	* *	1	\$300	В
Unit Heater-Stm/HW	40%	2029	* *	4	\$200	В
Air Conditioning						
Energy Source						
Electricity	100%	2043	* *	1		В
Conversion Equipment						
Ext Pkg Unit - Cooling	10%	2026	* *	2		В
No Component	90%					D

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

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

# FIRE DEPARTMENT - 057 FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14

Mechanical	Current I	Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Ventilation							
Distribution							
Ductwork/Diffusers	100%	Ι	LIFE	* *	2-5	\$2,600	В
Exhaust Fans							
Roof	100%	2	2029	* *	2	\$100	В
Plumbing							
H/C Water Piping							
Brass/Copper	100%	2	2047	* *	1		В
Water Heater							
Electric	100%	2	2020	\$800	4		В
Sanitary Piping							
Cast Iron	100%	I	LIFE	* *	1		В
Fixtures							
Generic	100%						В
Fire Suppression							
Standpipe							
Generic	100%	2	2047	* *	1-5	\$2,500	В

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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

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

\$2,100	\$ 1,000	\$5 <b>2,2</b> 00	ψ5,100
Ψ+,000	Ψ1,000	Ψ <b>υ=,=</b> 00	Ψ5,100
\$4,600	\$4 600	\$32,200	\$5,100
	\$7,300		\$11,800
\$6,700	\$12,000	\$32,200	\$16,900
\$1,100	\$1,700	\$1,100	\$1,200
\$3,500	\$2,900	\$31,100	\$3,900
\$2,100			
	\$7,300		\$11,800
FY 2014	FY 2015	FY 2016	FY 2017
	\$2,100 \$3,500 \$1,100 <b>\$6,700</b>	\$7,300 \$2,100 \$3,500 \$1,100 \$6,700 \$12,000	\$7,300 \$2,100 \$3,500 \$1,100 \$1,100 \$1,700 \$1,100 \$6,700 \$12,000 \$7,300



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

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

## FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12

Asset #: 13553

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
xterior								
Exterior Walls								
Masonry: Brick	60%			LIFE	* *	5	\$37,700	A
Metal Panel	20%			2047	* *	5-10	\$86,400	Α
Metal Sect. OHD	10%			2038	* *	5	\$19,600	A
Window Wall	10%			2047	* *	5	\$23,600	A
Windows								
Aluminum	100%			2043	* *	5	\$9,500	A
Parapets								
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
Roof								
Metal Panel	80%			2038	* *	10	\$64,600	A
Roll Roofing	20%			2020	\$38,500	5	\$14,700	Α
terior					· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
Floors								
Cast in Place Concrete	93%			LIFE	* *	5	\$101,800	C
Ceramic Tile	7%			2034	* *	5	\$3,500	C
Interior Walls							· · · · ·	
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
,			Extent : Light, Area		: 100%			
			ире Москир	33				
			lated Brick Buildin	g Facade	e Mockups			
Metal Coiling Doors	6%			2043	* *	5	\$11,700	С
			Extent : Light, Area		: 100%		, , · · · ·	
			ире Москир	33				
			uilding Facade Mo	ckups				
Ceilings								
Exposed Struc: Steel	95%			LIFE	* *			В
Metal Panel	5%			LIFE	* *	5	\$4,100	В

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

Lighting

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

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

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

## FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12

Asset #: 13553

Electrical	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estimated ( Total (Years)	Cost Year Estin FY	nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting						
Interior Lighting						
Fluorescent	90%	2026	* *	10	\$27,600	В
	Other Observation, Extent: Moder	ate, Area Affected :	100%			
	Location: Throughout The Build	ing				
	Explanation: T-8 Lamps					
HID	10%	2026	* *	10	\$100	В
Egress Lighting						
Emergency, Service	50%	2026	* *	1		В
Exit, LED	50%	2036	* *	1		В
Exterior Lighting						
HID	100%	2026	* *	10	\$100	В
Alarm						
Security System						
No Component	20%					D
Generic	80%	2026	* *	1	\$10,000	В
	Other Observation, Extent : Moder	ate, Area Affected :	100%			
	Location: Security Room					
	Explanation: Premium System					
Fire/Smoke Detection						
Generic	100%	2026	* *	1-3	\$21,300	В

Mechanical	Current	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Distribution							
Hot Wtr Piping/Pump	100%		2043	* *	4	\$2,500	В
	Other Observation, I	Extent : Light, Area	Affected	: 100%			
	Location: Bldg 9						
	Explanation: Hot	Water From Adjace	nt Buildii	ıg			
Terminal Devices							
Convector/Radiator	80%		2038	* *	1	\$8,700	В
	Other Observation, I	Extent : Light, Area	Affected	: 100%		ψο,700	
	Location: Ground	Level					
	Explanation: Radi	iant Heating Pipes I	n Floor				
Unit Heater-Stm/HW	20%		2029	* *	4	\$600	В
Air Conditioning							
Energy Source							
Electricity	100%		2043	* *	1		В
Conversion Equipment							
Int Pkg Unit - Cooling	5%		2025	* *	2	\$100	В
No Component	95%						D
Ventilation							
Exhaust Fans							
Roof	100%		2026	* *	2	\$1,000	В

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.

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

# FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12

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

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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

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

#### **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
Total	\$10,300	\$200	\$1,100	\$300
Priority A			\$400	
Priority B	\$10,300	\$200	\$700	\$300
Priority C				
Total	\$10,300	\$200	\$1,100	\$300



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

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

# FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING TOWER # 1

Asset #: 1988

Architecture	Current Repair	r Futur	e Replacement	Ma	aintenance	
ystem Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Cod
xterior						
Exterior Walls Masonry: Brick	100% Recent Repair Evident, Ext Location : Throughout	LIFE tent : Light, Area Affec	* * cted : 66%	5	\$5,000	A
Windows						
Aluminum	100% Recent Replace Evident, E. Location : Throughout	2046 xtent : Light, Area Affa	* * ected : 100%	5	\$600	A
Parapets						
Cast in Place Concrete	45% Recent Repair Evident, Ext Location : Throughout	LIFE tent : Light, Area Affec	* * cted : 66%	5	\$1,100	A
Masonry: Brick	50%	LIFE	* *	5	\$100	A
Metal Rail	5%	2041	* *	5-10	\$200	Α
Roof Skylight, Metal/Glass	2% Recent Replace Evident, E. Location : Throughout	2051 xtent : Light, Area Affa	* * ected : 100%	10	\$100	A
Traffic Topping	98%	2031	* *	10	\$3,500	A
Timite Topping	Recent Replace Evident, E. Location: Throughout		ected : 100%	10	<i>\$2,233</i>	
terior						
Floors		_		_		_
Cast in Place Concrete	95%	LIFE	* *	5	\$14,300	C
Steel Grating	5%	2047	* *	1		С
Interior Walls Concrete Masonry Unit	100%  Recent Repair Evident, Ext  Location: Throughout	LIFE tent : Light, Area Affec	* * eted : 66%	5	\$3,100	C
Ceilings						
Exposed Concrete	100% Recent Repair Evident, Ext Location : Throughout	LIFE tent : Light, Area Affec	* * rted : 66%	5	\$800	В

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

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

# FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING TOWER # 1

Asset #: 1988

Electrical	Current Repair	Current Repair Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es	timated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting						
Interior Lighting						
Fluorescent	20%	2021	\$2,000	10	\$800	В
	Other Observation, Extent : Mode	rate, Area Affected	d: 100%			
	Location: First Floor And Base	ment				
	Explanation: Using T-8 Lamps					
Fluorescent	80%	2021	\$8,000	10	\$3,400	В
	Other Observation, Extent: Mode	rate, Area Affected	d: 100%			
	Location: Throughout					
	Explanation: Using Compact F	lourescent Lamps				
Exterior Lighting				•		
HID	100%	2021	\$300	10		В

Mechanical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating						
Energy Source						
Electricity	20%	2041	* *	1		В
No Component	80%					D
Conversion Equipment						
Radiant Heater	20%	2021	\$4,500	2	\$400	В
No Component	80%					D
Ventilation						
Exhaust Fans						
Wall Unit	100%	2021	\$7,700	2	\$100	В
	Other Observation, Extent : Location : Basement Explanation : Fan In Base					
Plumbing	-					
H/C Water Piping						
Galv Iron/Steel	10%	2034	* *	1		В
	Other Observation, Extent : Location : B, 1-5	Light, Area Affected	: 10%			
	Explanation : Standpipe C	Only				
No Component	90%					D
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
	Other Observation, Extent : Location : 1-5	Light, Area Affected	: 10%			
	Explanation: Roof Drains	s Only				
Sump Pump(s)						
Rigid Piping	100% Now	\$10,100 2031	* *	4	\$1,300	В
	Not in Service, Extent : Light Location : Basement	ht, Area Affected : 100	0%			

Fire Suppression

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

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# FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING TOWER # 1

Mechanical	Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fire Suppression Standpipe Generic	100%		2041	* *	1-5	\$2,400	В

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

Area Sq Ft : 14,800 Project Type : FIRE DEPARTMENT

Date of Survey : 30-Jun-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

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

\$31,800	\$8,100	\$36,900	\$8,200
\$18,400	\$600		\$800
\$9,500	\$7,600	\$16,400	\$7,100
\$4,000		\$20,500	\$300
\$31,800	\$8,100	\$36,900	\$8,200
\$3,900	\$3,900	\$3,900	\$3,900
\$3,800	\$1,300	\$5,400	\$1,600
\$1,700	\$2,300	\$5,600	\$1,500
\$18,400	\$600	\$1,500	\$800
\$4,000		\$20,500	\$300
FY 2014	FY 2015	FY 2016	FY 2017
	\$4,000 \$18,400 \$1,700 \$3,800 \$3,900 <b>\$31,800</b> \$4,000 \$9,500 \$18,400	\$4,000 \$18,400 \$600 \$1,700 \$2,300 \$3,800 \$1,300 \$3,900 \$3,900 <b>\$31,800 \$8,100</b> \$4,000 \$9,500 \$7,600 \$18,400 \$600	\$4,000 \$20,500 \$18,400 \$600 \$1,500 \$1,700 \$2,300 \$5,600 \$3,800 \$1,300 \$5,400 \$3,900 \$3,900 \$3,900 \$31,800 \$8,100 \$36,900 \$4,000 \$20,500 \$9,500 \$7,600 \$16,400 \$18,400 \$600



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 1990

rchitecture	Curre	nt Repair	Futur	e Replacement	Maintenance		
ystem Component Type	% of Fail Da Total (Year	nte Estimated Cost s)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Cod
kterior	•						
Exterior Walls							
Masonry: Brick	45%		LIFE	* *	5	\$19,700	A
Masonry: Brick	20%		LIFE	* *	5	\$8,800	Α
Metal Sect. OHD	30%		2026	* *	5	\$41,000	Α
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
		ı, Extent : Moderate, .	Area Affe	cted : 100%			
	Location : Thro	=					
	Explanation : Lo	ow Wall Coping					
No Component	90%						D
Roof							
Built-Up (BUR)	25%		2029	* *	10	\$6,100	A
		ı, Extent : Moderate, .	Area Affe	cted : 100%			
	Location : Thro	-					
	Explanation : St	one Ballast					
Roll Roofing	Location : Throi Miss/Damaged Fl Location : Throi	ashings, Extent : Moa Ighout , Extent : Moderate, A	lerate, Ar	ea Affected : 60%	5	\$15,100	A
terior							
Floors							
Cast in Place Concrete	40% Now	' '	LIFE	* *	5	\$16,900	C
	=	ing, Extent : Light, Ar	ea Affecte	ed : 10%			
	Location : Throi	ighout					
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
	Broken/Missing Elements, Extent: Severe, Area Affected: 20% Location: Second Floor Office, Corridor And Stair						
Interior Walls	Location : Secon	ia r ioor Ojjice, Corri	uoi Ana .	31U11			
Ceramic Tile	5%		2030	* *	5	\$200	C
Concrete Masonry Unit	55%		LIFE	* *	5	\$700 \$700	C
Concrete Masonry Unit	20%		LIFE	* *	5	\$300	C
SGFT/Glazed Masonry	20%		LIFE	* *	3	\$300	C
501-1/Glazed Wasollly		ing, Extent : Moderate					C
	Location : Gara	-	., тиси Ај	Jeereu . 2/0			

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

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

Asset #: 1990

Architecture	Current Repair Future Replacement		Maintenance			
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior						
Ceilings						
AcousTileSusp.Lay-In	15%	2026	* *	5	\$2,900	В
	Water Penetration, Extent: M	loderate, Area Affecte	ed : 5%			
	Location: Room 202					
AcousTileSusp.Lay-In	5%	2038	* *	5	\$1,000	В
Exposed Struc: Steel	50%	LIFE	* *			В
Exposed Struc: Steel	20%	LIFE	* *			В
Gypsum Board	10%	LIFE	* *	5	\$2,400	В

Electrical	С	urrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		nil Date Estimated Cost Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2041	* *	5	\$100	В
		vation, Extent : Moderate, A	Area Affe	ected : 100%			
		Electrical Room					
	Explanation	n : One 1200 Amps Main D	isconnec	et Switch			
Switchgear / Switchboard							
Fused Disc Sw	50%		2021	\$9,700	5		В
Fused Disc Sw	50%		2041	* *	5		В
Raceway							
Conduit	80%		2021	\$16,900	1		В
Conduit	20%		2041	* *	1		В
Panelboards							
Molded Case Bkrs	90%		2020	\$9,900	5	\$300	В
Molded Case Bkrs	10%		2037	* *	5		В
Wiring							
Thermoplastic	80%		2021	\$11,800	1		В
Thermoplastic	20%		2041	* *	1		В
Motor Controllers							
Locally Mounted	20%		2019	\$1,700	5		В
Locally Mounted	80%		2026	* *	5	\$100	В
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	В
Stand-by Power							
Transfer Switches							
Automatic	100%		2034	* *	1	\$3,700	В
Generators							
Diesel	100%		2030	* *	1	\$4,700	В
		vation, Extent : Moderate, A		ected : 100%			
		Outside - Near Bldgs 6 & 7					
	Explanation	n : One 425 Kva - Supplies	Emergei	ıcy Power To Bldg	s. 6, 7, 8,	, 10 & 14	
Batteries	<b>.</b>			<b>.</b>	-	<b>.</b>	_
Lead/Acid	100%		2015	\$600	5	\$400	В

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

Asset #: 1990

Electrical	Current Repair	Future Re	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated ( Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Stand-by Power						
Fuel Storage						
Main Tank	100%	2049	* *	5	\$400	В
	Other Observation, Extent : Moder	ate, Area Affected	: 100%			
	Location: Generator Area					
	Explanation: One 700 Gallons					
Lighting						
Interior Lighting						
Fluorescent	35%	2026	* *	10	\$4,200	В
	Other Observation, Extent : Moder	ate, Area Affected	: 100%			
	Location : Offices					
	Explanation: T-8 Lamps					
HID	65%	2021	\$5,100	10	\$300	В
Egress Lighting						
Emergency, Service	50%	2026	* *	1		В
Exit, Service	50%	2026	* *	1		В
Exterior Lighting						
HID	100%	2026	* *	10		В
Alarm	_					
Fire/Smoke Detection						
No Component	30%					D
Generic	70%	2026	* *	1-3	\$5,400	В

Mechanical	Current Repair	Futi	ure Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	· Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Fuel Oil No 2	100%	2031	l **	5	\$4,000	В
Conversion Equipment						
Furnace	20%	2021	\$3,500	1	\$1,300	В
	Other Observation, Extent: L	ight, Area Affecte	ed: 20%			
	Location: Roof					
	Explanation: 1 Unit					
Hot Water Boiler	80%	2038	* *	1	\$5,100	В
	Other Observation, Extent : L	ight, Area Affecte	ed: 80%			
	Location: 1st Floor Boiler	Room				
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2029	**	4	\$600	В
Terminal Devices						
Convector/Radiator	50%	2026	ó * *	1	\$2,100	В
Fan Coil Unit/Heat	50%	2026	5 **	1	\$2,100	В
Air Conditioning						
Energy Source						
Electricity	100%	2037	7 **	1		В

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

Mechanical		Current I	Repair	Future Replacement Maintenance		aintenance		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	20%		\$2,700	2021	\$13,300	2	\$100	В
			t : Severe, Area Aff					
	Location	ı:10f2U	Inits On The Roof Is	Out Of	Service			
No Component	80%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,200	В
Exhaust Fans								
Roof	85%			2021	\$9,700	2	\$300	В
Wall Unit	15%			2021	\$3,300	2	\$100	В
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		В
Water Heater								
Electric	50%			2016	\$1,100	4		В
Electric	50%			2020	\$1,100	4		В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Backflow Preventer								
Generic	100%			2026	* *	1	\$800	В
Fixtures								
Generic	100%							В
Fire Suppression Sprinkler								
No Component	80%							D
Generic	20%			2041	* *	1-2	\$700	В

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

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

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
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
Total	\$239,900	\$14,200	\$27,400	\$18,100
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
Total	\$239,900	\$14,200	\$27,400	\$18,100



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

Asset #: 2011

Architecture		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Cod
xterior								
Exterior Walls	20/	N.T.	Φ7. 600	LIDE	* *	~	Φ< 000	
Cast in Place Concrete	Cracking/Cr Location : Staining/Dis	Above Ocoloring,	\$7,600 Extent : Light, Are verhead Doors Extent : Moderate verhead Doors		ed : 10%	5	\$6,000	A
Masonry: Brick	87%		,	LIFE	* *	5	\$69,900	A
Metal Sect. OHD	10%			2036	* *	5	\$12,500	A
Windows	10%			2030			\$12,300	A
Aluminum	95%	Now	\$23,700	2031	* *	5	\$5,000	Α
Alullillulli		Not Fund	ct, Extent : Modera			3	\$5,000	A
Steel	5%			2022	\$30,300	5	\$6,600	A
	Deteriorated Location :		Extent : Moderate,	Area Afj	fected : 25%		•	
Parapets								
Masonry: Brick	95%			LIFE	* *	5-10	\$26,300	A
Pre-Cast Concrete	5%			LIFE	* *	5	\$2,600	A
Roof								
Asphalt Shingle	2%			2026	* *	10	\$100	A
Modified Bitumen	Blisters, Ext Location : Water Penet	Over Fouration, E.	\$15,300 lerate, Area Affecto urth Floor xtent : Moderate, A e Marshals Locker	rea Affe				A
terior								
Floors								
Carpet	10%			2022	\$20,200	3	\$5,300	C
Cast in Place Concrete	25%	Now	\$26,100	LIFE	* *	5	\$19,200	C
	Location:	Ladder A ace, Exte	Extent: Moderate Apparatus Floor nt: Moderate, Are us Floor		-			
Ceramic Tile	5%			2032	* *	5	\$1,800	С
Terrazzo	2%			LIFE	* *	5	\$1,100	C
Vinyl Tile	10%			2018	\$32,600	3	\$1,800	C
Vinyl Tile Vinyl Tile	26%			2028	**	3	\$3,400	C
Vinyl Tile Vinyl Tile	20%			2033	* *	3	\$2,600	C
· iiiyi Tiic			Extent : Light, Are		ed : 100%	5	Ψ2,000	C
Wood	2%			2063	* *	5	\$1,300	С
552			Extent : Light, Area er		! : 100%	5	Ψ1,500	C

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

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

Asset #: 2011

Architecture	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nterior							
Interior Walls							
Ceramic Tile	2%		2038	* *	5	\$900	C
	Recent Construction Location: 2nd Flo		a Affecte	ed : 100%			
Concrete Masonry Unit	10%		LIFE	* *	5	\$3,500	С
	Diagonal Cracks, Ex Location: Parking	Garage	-				
	Vertical Cracks, Ext Location : Cellar	ent : Light, Area Aff	ectea : 1	<b>%</b> 0			
Gypsum Board	20%		LIFE	* *	5-10	\$15,000	C
	Recent Construction Location: 2nd Flo		a Affecte	ed : 40%			
Plaster	48%		LIFE	* *	5-10	\$17,900	С
SGFT/Glazed Masonry	20%		LIFE	* *	10	\$4,400	C
Ceilings							
AcousTileConcealSpLn	35%		2028	* *	5	\$15,300	В
	Water Penetration, Location : Locker L	Extent : Light, Area Room In Fire Marsh			g		
AcousTileSusp.Lay-In	5%		2036	* *	5	\$1,800	В
AcousTileSusp.Lay-In	15%		2043	* *	5	\$5,300	В
	Recent Construction Location : 2nd Flo		a Affecte	ed : 100%			
Exposed Concrete	20%		LIFE	* *	5-10	\$8,800	В
•	Cracking/Crumbling Location : Stair 3 A	_	ea Affect	ed : 1%			
Plaster	25%		LIFE	* *	5-10	\$15,100	В
	Water Penetration, I Location : Dormito	Extent : Light, Area ory In Fire Marshal			Room		

Electrical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2023	\$15,600	5	\$700	В
	Other Observation, Extent : Light, Area	a Affected	: 100%			
	Location: Basement Main Electrical	Room				
	Explanation: 3,000 Amp					
Switchgear / Switchboard						
Molded Case Bkrs	100%	2023	\$72,700	5	\$700	В
Raceway						
Conduit	20%	2033	* *	1		В
Conduit	80%	2023	\$31,900	1		В

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 2011

	Current F	tepair	Futur	e Replacement	M	aintenance	
% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
80%			2022	\$35,300	5	\$600	В
20%			2031	* *	5	\$100	В
20%			2033	* *	1		В
80%			2023	\$32,800	1		В
100%			2021	\$54,000	5	\$200	В
100%	0-2	\$900	LIFE	* *	5	\$400	В
Other Observation, Extent: Moderate, Area Affected: 100%							
Location	: Basemen	t					
Explana	tion : Corre	oded And Connecte	d To Ma	in Water Pipe.			
					1	\$8,200	В
				: 100%			
			Room				
Explana	tion : 3 Pol	e, 100 Amp					
				. ,	1	\$10,300	В
		_	Affected	: 100%			
Explana	tion : 30 Kı	v, 37.5 Kva					
400-4			•		_	44.000	_
100%			2016	\$600	5	\$1,000	В
20			2025	<b>4.00</b>	_	4000	-
					5	\$900	В
				: 100%			
	_	-		_			
	tion : 250 C	Gallon Stand- Alone					
			2026	* *	5	\$600	В
			Affected	: 100%			
I a a a ti a t	: Undergr	ound					
	tion : 1,000						
	100%   100%	80% 20%  20% 80%  100%  100%  100%  100%  100%  Other Observation, E Location: Basemen Explanation: Corre  100%  Other Observation, E Location: Generate Explanation: 30 Kv  100%  20%  Other Observation, E Location: Generate Explanation: 30 Kv  100%  20%  Other Observation, E Location: Emergen Explanation: 250 C 80%  Other Observation, E	80% 20% 20% 80% 100% 100% 100% 100% 100% 100% 100	RY   Solution   Solu	Notal (Years)   FY	Rotal (Years)   FY   (Yrs)	Royard   R

Lighting

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 2011

Electrical	Current Repair	Future	Replacement	M	aintenance		
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Lighting							
Interior Lighting							
Fluorescent	30%	2023	\$34,700	10	\$6,500	В	
	T-12 Lamps, Extent: Light, Area		•				
	Location: Throughout The But						
Fluorescent		9,200 2033	* *			В	
	T-8 Lamps, Extent : Light, Area	Affected: 100%					
	Location: Basement						
	Other Observation, Extent : Seve	ere, Area Affectea	l : 100%				
	Location: Basement						
	Explanation: Burnt Out						
Fluorescent	60%	2023	\$69,300	10	\$12,900	В	
	T-8 Lamps, Extent: Light, Area						
	Location: Throughout The But	lding					
Incandescent	2%	2023	\$2,300	2		В	
Egress Lighting							
Emergency, Service	50%	2028	* *	1		В	
	Other Observation, Extent : Ligh Location : Throughout	nt, Area Affected .	: 100%				
	Explanation : Emergency Ligh	ting From Genero	ator				
Exit, Service	50% Now \$1	1,900 2033	* *	1		В	
	Not Functioning, Extent: Moder	ate, Area Affecte	d : 100%				
	Location : Throughout The But	lding					
Exterior Lighting							
HID	100%	2023	\$10,900	10	\$100	В	
	Other Observation, Extent : Light, Area Affected : 100%						
	Location : Facade						
	Explanation: Downlights, Con	trolled Via Switc	h				
Marm							
Fire/Smoke Detection							
Generic	100%	2023	\$308,000	1-3	\$17,000	В	

Mechanical	Current Repair	Future Repla	acement	Ma	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estim FY	ated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating	•					
Energy Source						
Natural Gas	100%	2043	* *	1		В
Conversion Equipment						
Hot Water Boiler	85%	2036	* *	1	\$9,900	В
Hot Water Boiler	15%	2043	* *	1	\$1,700	В
	Recent Installation, Extent : Lig	ht, Area Affected : 100%	ó			
	Location : 2nd Floor Division	1				

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 2011

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating								
Distribution								
Hot Wtr Piping/Pump	85%			2031	* *	4	\$1,500	В
Hot Wtr Piping/Pump	15%			2048	* *	4	\$200	В
			Extent : Light, Area or Division 1	Affected	: 100%			
Terminal Devices								
Convector/Radiator	75%			2028	* *	1	\$5,700	В
Convector/Radiator	15%			2043	* *	1	\$1,100	В
			Extent : Light, Area or Division 1	Affected	! : 100%			
Fan Coil Unit/Heat	10%			2023	\$39,100	1	\$800	В
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		В
Conversion Equipment								
Reciprocating	75%	2-4	\$19,900	2023	\$66,400	1	\$7,300	В
Compr/Chiller								
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	cted : 40%			
	Location	a:Roof						
	Explana	tion : Aged	Equipment / Chille	r Jacket	s Off And Missing			
Window/Wall Unit	5%			2021	\$2,700	1		В
No Component	20%							D
Distribution								
Chilled Wtr Pipe/Pump	100%	Now	\$5,100	2033	* *	4	\$1,200	В
	Insul. Det	eriorating,	Extent : Severe, Ar	ea Affeci	ed : 20%			
	Location	ı : Mechani	cal Room On Roof					
Terminal Devices								
Air Handler/Cool/Ht	85%			2023	\$75,400	1	\$12,300	В
Fan Coil - Cooling	15%			2033	* *	1	\$1,100	В
	Other Obs	servation, E	Extent : Light, Area	Affected	: 100%			
	Location	ı : 2nd Floo	or Division 1					
	Explana	tion : New	Installation					
Heat Rejection								
Air Condenser Unit	85%			2018	\$35,400	2	\$13,900	В
Evap Condenser	15%			2033	* *	2	\$2,500	В
			Extent : Light, Area	Affected	! : 100%			
	Location	ı : Lower R	oof					
Ventilation								
Distribution								
Ductwork/Diffusers	100%		\$11,300	LIFE	* *	2-5	\$13,100	В
		_	Extent : Severe, Ar	ea Affect	ed : 20%			
	Location	ı : 2nd Floo	or, Kitchen					
Exhaust Fans								
Interior	25%			2023	\$7,200	2	\$200	В
Roof	75%			2023	\$15,600	2	\$500	В

Plumbing

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2043	* *	1		В
Water Heater						
Gas Fired	100%	2018	\$6,100	2	\$400	В
	Other Observation, Extent : Ligh	ıt, Area Affected	: 100%			
	Location: Basement					
	Explanation: 2 - 80 Gallon Un	iits				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Sump Pump(s)						
Rigid Piping	100%	2023	\$10,100	4	\$2,000	В
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			C
	Other Observation, Extent : Ligh		: 100%			
	Location: Basement To 4th Flo	oor				
	Explanation: 1 - Unit					
Fire Suppression						
Sprinkler						
No Component	80%					D
Generic	20%	2043	* *	1-2	\$1,300	В
	Other Observation, Extent : Ligh	ıt, Area Affected	: 100%			
	Location: Garage					
	Explanation : Serves Garage A	nd Basement Le	vel Only			

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#### 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

Area Sq Ft : 205,000 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Jul-2010 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 254 Lot : 1 BIN : 4003451

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

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
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
Total	\$44,900	\$32,200	\$104,800	\$30,100
Priority A	\$4,400		\$29,100	
Priority B	\$37,600	\$26,500	\$75,700	\$27,200
Priority C	\$2,900	\$5,700		\$2,900
Total	\$44.900	\$32,200	\$104.800	\$30,100



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 2010

Architecture	Current Repair	Future Replacement	M		
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior					•
Exterior Walls  Cast in Place Concrete	65% Recent Repair Evident, Extent : Ligh Location : Throughout	LIFE * * * t, Area Affected : 65%	5	\$163,700	A
Metal Panel	25% Recent Replace Evident, Extent : Lig Location : Throughout	2051 ** ht, Area Affected : 100%	5-10	\$86,600	A
Metal Coiling Doors	5% Recent Replace Evident, Extent : Lig Location : Throughout	2041 ** ht, Area Affected : 100%	5	\$7,900	A
Wood Overhead Doors	5% 2-4 \$4,40  Deteriorated Finish, Extent: Light, A  Location: Throughout		5	\$6,300	A
Windows Aluminum	100% Recent Replace Evident, Extent : Lig Location : Throughout	2046 ** ht, Area Affected : 100%	5	\$3,000	A
Parapets Cast in Place Concrete	100% Recent Repair Evident, Extent : Ligh Location : Throughout	LIFE * * * t, Area Affected : 65%	5	\$93,600	A
Roof Modified Bitumen	90% Recent Replace Evident, Extent : Lig Location : Throughout	2031 ** ht, Area Affected : 100%	10	\$173,800	A
Skylight, Metal/Glass	10%	2041 **	10	\$64,400	A
Interior Floors					
Cast in Place Concrete	75% Now \$1,019,00 Cracking/Crumbling, Extent: Severe Location: Ramp From 35th Street Punct/Tear/Impact Damage, Extent: Location: Ramp From 35th Street Other Observation, Extent: Moderat Location: Ramp From 35 Street Explanation: Supported From Belo	e, Area Affected : 80% : Severe, Area Affected : 60% te, Area Affected : 60%	5	\$374,700	С
Ceramic Tile	5%	2030 **	5	\$11,400	С
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 **			С

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 2010

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2034	* *	5	\$22,800	В
Exposed Concrete	20%			LIFE	* *	5	\$7,100	В
Exposed Struc: Steel	60%			LIFE	* *			В
Plaster	10%	Now	\$38,300	LIFE	* *	5	\$14,300	В
	Cracking/0	Crumbling,	Extent: Moderate,	Area A	ffected : 10%			
	Location	: Mens Ro	om					
	Water Pen	etration, E.	xtent : Moderate, A	rea Affe	cted : 5%			
	Location	: Mens Ro	om					

Electrical		Current Repair		Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	* *	5	\$800	В
	Other Obs	ervation, E	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Electrica	al Room					
	Explanat	ion : Two .	3000 Amps Main D	isconnec	et Switch			
Switchgear / Switchboard								
Molded Case Bkrs	100%			2051	* *	5	\$4,500	В
Raceway								
Conduit	100%			2051	* *	1		В
Panelboards								
Molded Case Bkrs	100%			2046	* *	5	\$4,500	В
Wiring								
Thermoplastic	100%			2051	* *	1		В
Motor Controllers								
Locally Mounted	100%			2041	* *	5	\$1,100	В
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$2,500	В
Stand-by Power								
Transfer Switches								
Automatic	100%			2041	* *	1	\$51,800	В
Generators								
Diesel	100%			2036	* *	1	\$65,000	В
	Other Obs	ervation, E	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Generate	or Room					
	Explanat	ion : One 7	750 Kva					
Batteries								
Lead/Acid	100%			2016	\$600	5	\$6,200	В
Fuel Storage								
Day Tank	100%			2046	* *	5	\$28,300	В
Lighting								

Lighting

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 2010

Electrical	Current Repair	Future Repl	acement	M		
System Component Type	% of Fail Date Estimated ( Total (Years)	Cost Year Estin FY	nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting						
Interior Lighting						
Fluorescent	60%	2031	* *	10	\$84,000	В
	Other Observation, Extent: Moder	ate, Area Affected :	100%			
	Location: Throughout					
	Explanation: Using T-8 Lamps					
HID	40%	2031	* *	10	\$2,000	В
Egress Lighting						
Emergency, Battery	30%	2026	* *	10	\$11,100	В
Exit, Service	70%	2026	* *	1		В
Exterior Lighting						
HID	100%	2031	* *	10	\$500	В
Alarm						
Security System						
No Component	30%					D
Generic	70%	2031	* *	1	\$43,900	В
Fire/Smoke Detection						
Generic	100%	2031	* *	1-3	\$103,500	В

Mechanical	Cal Current Repair		Repair	Future Replacement			Maintenance		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Heating									
Energy Source Interruptible Gas/Dual Fuel	100%			2041	* *	1		В	
Conversion Equipment									
Not Accessible	100%							D	
Distribution									
Not Accessible	100%							D	
Terminal Devices									
Air Handler	60%			2026	* *	1	\$600	В	
Convector/Radiator	40%			2026	* *	1	\$200	В	
Air Conditioning									
Energy Source									
Electricity	100%			2029	* *	1		В	
Conversion Equipment									
Ext Pkg Unit - Cooling	5%			2026	* *	2	\$500	В	
Window/Wall Unit	30%			2016	\$104,800	1		В	
No Component	65%							D	
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$85,100	В	
Exhaust Fans									
Interior	5%			2026	* *	2	\$200	В	
Roof	95%			2021	\$128,300	2	\$4,500	В	

Plumbing

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Mechanical	Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2031	* *	1		В
Water Heater							
Gas Fired	100%		2020	\$39,500	2	\$2,300	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Sump Pump(s)							
Rigid Piping	100%		2021	\$10,100	4	\$1,300	В
Fire Suppression							
Standpipe							
Generic	100%		2031	* *	1-5	\$800	В
Sprinkler			•		•		
Generic	100%		2031	* *	1-2	\$400	В

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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
Total		\$107,400
Priority A		\$63,000
Priority C		\$44,400
Total		\$107,400

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
Total	\$3,300	\$2,000	\$7,100	\$37,100
Priority A				\$29,900
Priority B	\$3,300	\$2,000	\$7,100	\$3,100
Priority C				\$4,000
Total	\$3,300	\$2,000	\$7,100	\$37,100



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

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

Asset #: 14463

Architecture		Current F	Repair	Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Exterior									
Exterior Walls									
Cast in Place Concrete	2%			LIFE	* *	5	\$2,800	A	
Masonry: Brick	40%			LIFE	* *	5	\$11,200	A	
Metal/Glass Curt Wall	3%			LIFE	* *	5	\$1,600	A	
Metal Panel	45%			2052	* *	5-10	\$86,700	A	
Metal Coiling Doors	10%			2042	* *	5	\$8,800	A	
Windows									
Aluminum	100%			2047	* *	5	\$1,000	A	
Parapets									
Metal Rail	10%			2042	* *	5-10	\$3,600	A	
No Component	90%							D	
Roof									
IRMA/Protected	20%			2032	* *	10	\$4,300	A	
Membrane									
Metal, Corrugated	60%			2042	* *	1		A	
Plaza Roof: Stone Panels	10%			2052	* *			A	
Skylight, Metal/Glass	10%			2052	* *	10	\$7,100	A	
Interior									
Floors									
Cast in Place Concrete	85%			LIFE	* *	5	\$44,400	C	
Ceramic Tile	3%			2037	* *	5	\$700	C	
Sheet Vinyl/Rubber	2%			2032	* *	5	\$700	C	
Wood	10%			2062	* *	5	\$4,500	С	
Interior Walls									
Ceramic Tile	5%			2037	* *	5	\$2,200	C	
Concrete Masonry Unit	20%			LIFE	* *	5	\$3,500	C	
Glass: Single Pane	5%			LIFE	* *	5	\$1,600	C	
Gypsum Board	20%			LIFE	* *	5	\$5,300	C	
Masonry: Brick	5%			LIFE	* *			C	
Metal Panel	40%			LIFE	* *			C	
Wood	5%			LIFE	* *	5	\$8,800	C	
Ceilings									
AcousTileSusp.Lay-In	10%			2042	* *	5	\$2,300	В	
Exposed Struc: Steel	70%			LIFE	* *			В	
Gypsum Board	5%			LIFE	* *	5	\$1,400	В	
Metal Panel	15%			LIFE	* *	5	\$4,300	В	

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

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

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

Asset #: 14463

Electrical	Current Repair Future Replacement Maintenance						
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts	•	•					
Switchgear / Switchboard							
Not Accessible	100%						D
Raceway	4.0007		20.40	* *			-
Conduit	100%		2048	* *	1		В
Panelboards Molded Case Bkrs	1000/		2044	* *	5	\$400	В
	100%		2044		3	\$400	В
Wiring Thermoplastic	100%		2048	* *	1		В
Motor Controllers	10070		2040		1		ъ
Locally Mounted	100%		2039	* *	5	\$100	В
Ground	10070		2007			Ψ100	
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	В
	Other Observation, Ex	xtent : Moderate, A	rea Affe	cted : 100%			
	Location : Basement	•					
	Explanation: Conne	ected With Main Wo	ater Pip	2			
Stand-by Power							
Transfer Switches							
Automatic	100%		2039	* *	1	\$4,900	В
Generators	400-						_
Not Accessible	100%						D
Batteries	1,000/						ъ
Not Accessible	100%						D
Fuel Storage Not Accessible	100%						D
Lighting Lighting	100%						ע
Interior Lighting							
Fluorescent	100%		2030	* *	10	\$14,600	В
raorescent	Other Observation, Ex	xtent : Moderate. A		cted : 100%	10	Ψ11,000	Ь
	Location : Througho		33				
	Explanation: T-8 &						
Egress Lighting							
Exit, LED	100%		2057	* *	1		В
Exterior Lighting							
HID	100%		2030	* *	10	\$100	В
Alarm							
Fire/Smoke Detection							
No Component	90%						D
Generic	10%		2030	* *	1-3	\$1,000	В

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

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 14463

Mechanical	Current	t Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Conversion Equipment	<b>7</b> 00/		2020	de de		<b>#4.000</b>	-
Furnace	50%	T	2030	* *	1	\$4,000	В
		Extent : Light, Area	Affected	: 100%			
	Location: Roof T	op Unii EUnit Has Gas Fired	l Eum ac				
H . W . D . II		Unii Has Gas Firea		* *		<b>\$4,000</b>	
Hot Water Boiler	50%	Estant Lists Asses	2035		1	\$4,000	В
	Location : Basem	Extent : Light, Area	Ађестеа	: 100%			
Distribution	Explanation: 2 B	ouers					
Distribution  Ductwork/Diffusers	50%		LIFE	* *	2-5	\$4,400	В
Hot Wtr Piping/Pump	50%		2044	* *	2-3 4	\$4,400	В
Terminal Devices	30%		2044		4	\$400	Б
Fan Coil Unit/Heat	50%		2030	* *	1	\$2,600	В
No Component	50%		2030		1	\$2,000	D
Air Conditioning	3070						- D
Energy Source							
Electricity	75%		2044	* *	1		В
No Component	25%		2044		1		D
Conversion Equipment	2370						D
Ext Pkg Unit -	50%		2030	* *	2	\$500	В
Heating/Cooling	3070		2030		-	Ψ500	Ь
Treating Cooming	Other Observation,	Extent : Light, Area	Affected	: 50%			
	Location: Roof	0 /	55				
	·	vers Top Floor, Refri	gerant Is	410a			
No Component	50%						D
Distribution							
Ductwork/Diffusers	50%		LIFE	* *	2	\$10,400	В
No Component	50%				_	Ψ10,.00	D
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$8,900	В
Exhaust Fans						•	
Roof	100%		2030	* *	2	\$500	В
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2048	* *	1		В
Water Heater							
Gas Fired	100%		2021	\$4,100	2	\$200	В
		Extent: Light, Area	Affected	: 100%			
	Location: Basem						
	Explanation: 2 U	nits About 125 Gal I	Each				
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							-
Cast Iron	100%		LIFE	* *	1		В

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

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

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

Mechanical	Current Repair	Future Re	placement N	laintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Esti	imated Cost   Cycle (Yrs)		Priority Code
Plumbing					
Sewage Ejector(s)					
Electric	100%	2030	** 4	\$2,000	В
Backflow Preventer					
No Component	50%				D
Generic	50%	2030	** 1	\$500	В
	Other Observation, Extent : L	ight, Area Affected : 100	0%		
	Location: Basement				
	Explanation: On Domestic	Line Only			
Fixtures					
Generic	100%				В
Fire Suppression					
Sprinkler					
No Component	10%				D
Generic	90%	2048	* * 1-2	\$4,000	В

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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

Area Sq Ft : 103,000 Project Type : FIRE DEPARTMENT

Date of Survey : 02-Jul-2010 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2573 Lot : 124 BIN : 4058923

CAPITAL	FY 2014 - 2017	FY 2018 - 2023		
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		
Total	\$7,303,200	\$3,630,700		
Priority A	\$4,536,300	\$673,800		
Priority B	\$1,317,200	\$2,737,600		
Priority C	\$1,449,600	\$219,300		
Total	\$7,303,200	\$3,630,700		

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



 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

Asset #: 4437

rchitecture	Current Repair	Future Replacement	Maintenance		
rstem Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
terior					
Exterior Walls					
Cast in Place Concrete	15% Now \$519,40		5	\$206,100	Α
	Other Observation, Extent: Severe, A	Area Affected : 15%			
	Location: Throughout				
	Explanation: Foundation Settlement				
Masonry: Brick	65% Now \$585,80		5	\$178,600	A
	Diagonal Cracks, Extent: Moderate, Location: South Facade	, Area Affected : 10%			
		to Amon Affordad , 250/			
	Other Observation, Extent: Moderate Location: Throughout	e, Area Ajjeciea : 55%			
	Explanation: Walls Are Covered V	With Stugge Coment			
Metal Panel				¢£1.500	Α.
Metai Panei	10% Now \$212,40 Corrosion/Rusting, Extent: Severe, A		5	\$51,500	A
	Location: Throughout	Trea Affectea . 100/0			
Maral Calling Days		0 2034 **		¢42.000	
Metal Coiling Doors	10% Now \$493,40		5	\$42,900	A
	Broken/Missing Elements, Extent: So Location: Throughout,	evere, Area Affectea . 100%			
Windows	Location : Intoughout,	_		_	
Aluminum	50% Now \$109,60	0 2029 **	5	\$11,700	A
Atunmum	Broken/Missing Elements, Extent: L		3	φ11,700	А
	Location: Throughout	igiii, iirea iyyeetea . 10070			
Steel	50% Now \$1,330,20	0 2046 **	5	\$145,700	A
Steel	Corrosion/Rusting, Extent: Moderat		3	φ1+3,700	А
	Location: Throughout	e, meargreetea . 6070			
	Thermally Inefficient, Extent: Model	rate. Area Affected : 70%			
	Location : Throughout	,			
	Weather Strip Missing, Extent: Mod	erate, Area Affected : 100%			
	Location : Throughout	00			
Parapets					
Masonry: Brick	90% Now \$958,50	0 LIFE **	5	\$49,000	A
·	Loose Units, Extent : Moderate, Area	a Affected : 50%			
	Location: Throughout				
Metal Panel	10% Now \$185,10	0 2031 **	5	\$10,500	A
	Corrosion/Rusting, Extent : Moderat				
	Location: Throughout				
Roof					
Modified Bitumen	90% Now \$141,90				A
	Water Penetration, Extent: Moderat	e, Area Affected : 10%			
	Location: Throughout				

Interior

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

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

Asset #: 4437

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nterior								
Floors								
Cast in Place Concrete	85%		\$894,600	LIFE	**	5	\$219,300	C
			Extent : Severe, Are			F.1		
			oom, And Various I	Location	s Throughout Firs	t Floor		
			· Slab Settlement					
Ceramic Tile	5%			2030	* *	5	\$5,900	C
Vinyl Tile	10%		\$54,900	2026	* *	3	\$4,400	C
			ents, Extent : Seve	re, Area	Affected : 25%			
			oom Corridor					
			nt, Extent : Severe,	Area Aff	ected : 50%			
			oom Corridor					
			Extent : Severe, Are	a Affecte	ed : 20%			
			oom Corridor					
	Explana	tion : Floor	· Slab Settlement					
Interior Walls	250/	3.7	Ф202 000	LIDE	* *	-	Ф21 200	a
Concrete Masonry Unit			\$392,000	LIFE		5	\$21,200	C
	_		tent : Moderate, Ar Locations On First		tea : 20%			
Gypsum Board	20%		\$108,200	LIFE	* *	5	\$18,200	C
			Extent : Severe, Are					
			And Various Locati	ons Thre	oughout First Floo	r		
			ment Cracking					
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%		\$192,300	2041	* *	5	\$14,700	В
		•	amage, Extent : Se	vere, Are	ea Affected : 100%			
	Location	ı : Through	out					
Exposed Struc: Steel	75%			LIFE	* *			В

Electrical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	50%	2021	\$29,800	5	\$200	В
	Other Observation, Extent : Moderate, Location : Electical Room	Area Affecte	ed : 100%			
	Explanation: One 2000 Amps Main I	Disconnect S	Switch			
Fused Disc Sw	50%	2031	* *	5	\$200	В
	Other Observation, Extent : Moderate,	Area Affecte	ed : 100%			
	Location: Electrical Room					
	Explanation: One 1200 Amps Main I	Disconnect S	Switch			

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

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

Asset #: 4437

Electrical		Current Ro	epair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts	<u>'</u>			•				
Switchgear / Switchboard								
Fused Disc Sw	30%			2021	\$43,600	5	\$100	В
Molded Case Bkrs	40%			2031	* *	5	\$900	В
Molded Case Bkrs	30%			2021	\$43,600	5	\$700	В
Raceway								
Conduit	70%			2021	\$71,600	1		В
Conduit	30%			2031	* *	1		В
Panelboards								
Fused Disc Sw	5%			2020	\$7,200	5	\$100	В
Molded Case Bkrs	35%			2029	* *	5	\$800	В
Molded Case Bkrs	60%			2020	\$86,000	5	\$1,300	В
Wiring								
Braided Cloth	20%	2-4	\$34,200	2046	* *	1		В
		Aged, Exten Througho	nt : Moderate, Are ut	a Affecte	d : 100%			
Thermoplastic	80%			2031	* *	1		В
Motor Controllers								
Locally Mounted	100%			2019	\$113,100	5	\$600	В
Ground								
Grounding Devices								
Generic	100%	2-4	\$900	LIFE	* *	5	\$1,200	В
			tent : Moderate, 1	Area Affe	cted : 100%			
		Water Ma						
g	Explanation	on : Corro	led					
Stand-by Power								
Transfer Switches	1,000/			2010	¢10.200	1	¢2< 000	D
Automatic	100%			2019	\$10,300	1	\$26,000	В
Generators Diesel	1,000/			2017	¢cc 100	1	¢22.600	D
Diesei	100%	mation Ex	tent : Moderate, 1	2017	\$66,100	1	\$32,600	В
		Generator		пен Аује	ciea . 10070			
		on : One 50						
Batteries	Ехринин	on . One se	50 RW					
Lead/Acid	100%			2014	\$600	5	\$3,100	В
Fuel Storage	10070			2011	φοσο		ψ3,100	
Main Tank	100%			2024	* *	5	\$2,300	В
Lighting	10070			2021			Ψ2,300	ь
Interior Lighting								
Fluorescent	98%			2016	\$653,700	10	\$70,800	В
		rvation, Ex	tent : Moderate, A				7.0,000	
			ut The Building	33				
	Explanation	on: Using	T-12 Lamps					
Incandescent	2%			2016	\$13,300	2		В
Egress Lighting					,			
Emergency, Service	40%			2016	\$5,100	1		В
Emergency, Battery	10%			2021	\$3,200	10	\$1,900	В
Exit, Service	50%			2021	\$6,400	1	, ,- ,-	В

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

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

Asset #: 4437

Electrical	Current Repair	Future	Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year F	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting						
Exterior Lighting						
HID	100%	2016	\$34,300	10	\$300	В
Alarm						
Security System						
No Component	60%					D
Generic	40%	2021	\$113,500	1	\$12,600	В
	Other Observation, Extent : Mode	erate, Area Affect	ed : 100%			
	Location: Front Door, Hallway	And Roof Garag	ge			
	Explanation : Standard					
Fire/Smoke Detection					•	
Generic	100%	2021	\$971,600	1-3	\$52,000	В

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Energy Source							
Natural Gas	30%		2031	* *	1		В
Interruptible Gas/Dual Fuel	70%		2031	* *	1		В
Conversion Equipment							
Hot Water Boiler	25%		2019	\$49,300	1	\$9,800	В
	Other Observation,	Extent : Light, Area	Affected			,,,,,,,,,,	
	Location: Boiler	Room					
	Explanation: 3 U	nits - Replacement o	f 2 Boilei	rs Is In Progress			
Radiant Heater	25%		2021	\$96,600	2	\$9,100	В
	Other Observation,	Extent : Light, Area	Affected	: 30%			
	Location : Service	e Area, 1st Floor					
	Explanation: Gas	s Fire Radiant Tubs					
<b>Under Construction</b>	50%						D
		Extent : Light, Area	Affected	: 0%			
	Location: Boiler	Room					
	Explanation: 2 Be	oilers Being Replace	d				
Distribution							
Hot Wtr Piping/Pump	70%		2029	* *	4	\$2,700	В
No Component	30%						D
Terminal Devices	2004		2021	404 500		Φ0.000	
Air Handler	20%		2021	\$94,600 * *	1	\$9,800	В
Convector/Radiator	40%		2026		1	\$10,200	В
Unit Heater-Stm/HW	10%		2016	\$56,700	4	\$700	В
No Component	30%						D
Air Conditioning							
Energy Source Electricity	100%		2029	* *	1		В
Electricity	10070		2023		1		

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

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

Mechanical		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	40%		\$162,000	2031	**	2	\$1,600	В
	Location		ent : Severe, Area A	ујестеа :	40%			
Window/Wall Unit	10%			2016	\$18,000	1		В
No Component	50%							D
Heat Rejection								
Air Condenser Unit	40%			2016	\$35,000	2	\$22,000	В
No Component	60%							D
Ventilation								
Distribution Ductwork/Diffusers	400/			LIDE	* *	2.5	¢17.600	D
No Component	40% 60%			LIFE	-11-	2-5	\$17,600	B D
Exhaust Fans	00%							D
Interior	40%			2016	\$38,800	2	\$1,000	В
Roof	60%	0-2	\$41,900	2010	**	2	\$1,200	В
Roof			ctent : Severe, Area		! : 40%	2	Ψ1,200	Ь
	Location		•	33				
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	* *	1		В
Water Heater								
Gas Fired	100%			2021	\$20,400	2	\$1,200	В
		stallation, I 1 : Boiler R	Extent : Light, Area Poom	Affected	l : 100%			
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)	1.000/			2016	Φ10 100	4	ф1 200	D
Rigid Piping	100%			2016	\$10,100	4	\$1,300	В
Fixtures	1000/							D
Generic	100%							В
Fire Suppression Sprinkler								
Generic	100%			2021	\$1,024,200	1-2	\$22,100	В
Generic	10070			2021	Ψ1,024,200	1-2	Ψ22,100	ע

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

<sup>\*\*</sup> 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 : 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 :

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

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



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

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

# FIRE DEPARTMENT - 057 PLATFORM PILE SUPPORTED PLATFORM

Asset #: 13857

Piers	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural		•				•
Deck						
Concrete	53%	LIFE	* *	5	\$14,000	A
	Cracking, Extent: Light, Area Affected					
	Location: Isolated Throughout Beam.		ck At Underside O	f Pier		
	Spalling, Extent: Light, Area Affected:			CD:		
	Location: Isolated Throughout Beam,			f Pier		
	Other Observation, Extent: Moderate,			t At Tone	ida Of Pian	
	Location: Isolated At Underside And		Ој Бтокеп Аѕрпаі	ı Aı Tops	iae Oj Fier	
Compute	Explanation : Spalling/exposed Reinfo		* *		\$500	Α.
Concrete	2% 4+ \$3,700 Other Observation, Extent : Moderate,	LIFE		5	\$500	A
	Location : Isolated At Underside And			t At Tons	ide Of Pier	
	Explanation : Spalled/exposed Reinfor		oj Broken Hspital	ini rops	iae oj 1 iei	
Not Accessible	45%	Cement				D
Deck Surface	<del>1</del> 3/0					D
Asphalt	65%	2030	* *	5	\$10,200	C
F	Cracking, Extent : Light, Area Affected				, - · , - · ·	
	Location : Isolated Throughout					
	Surface Wearing/Scaling, Extent : Light	t, Area Aj	fected : 5%			
	Location: Throughout					
	Other Observation, Extent : Severe, Are	ea Affecte	d: 2%			
	Location: Isolated Throughout					
	Explanation: Broken/missing					
No Component	5%					D
Not Accessible	30%					D
Pile Caps	1000		ate ate	_	<b>#</b> 1 000	
Concrete	100%	LIFE	* *	5	\$1,000	A
	Cracking, Extent: Light, Area Affected: 5% Location: Isolated Throughout					
	Spalling, Extent: Light, Area Affected:	2%				
	Location: Isolated Throughout	2/0				
Piles and Bracing	Zecunent Iselanca 1.11 enghem					
Steel	25% 4+ \$244,900	LIFE	* *	5	\$54,500	A
	Corrosion, Extent : Moderate, Area Aff		00%		, - ,	
	Location : Above Mean Low Water El					
	Defec Cathodic Prot., Extent : Severe, A	Area Affe	cted : 100%			
	Location: Anodes Missing At All Pile	S				
	Other Observation, Extent : Severe, Are	a Affecte	d: 100%			
	Location: Above Mean Low Water El		Throughout			
	Explanation: Defective Coating Syste	m				
Not Accessible	75%					D

Fender

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

# FIRE DEPARTMENT - 057 PLATFORM PILE SUPPORTED PLATFORM

Asset #: 13857

Piers	Current Repair Future Replacement Mainten	ance
System Component Type	% of Fail Date Estimated Cost Total (Years) Year Estimated Cost FY Cycle Estimated Cost (Yrs)	nated Cost Priority Code
ender		
Buffer	75% Now \$17,600 2034 ** 4.5	Φ4.400 <b>D</b>
Rubber	75% Now \$17,600 2034 ** 4-5 Loose Connections, Extent: Severe, Area Affected: 60%	\$4,400 B
	Location : At Areas Of Timber Decay Above Mlw Elevation	
No Component	25%	D
Facing	23%	D
Timber	75% 2-4 \$341,100 2036 ** 3	\$10,200 B
Timoci	Rotting/Splitting, Extent: Moderate, Area Affected: 60%	Ψ10,200 Β
	Location : Above Mlw Elevation	
	Other Observation, Extent : Severe, Area Affected : 20%	
	Location : At South End Of Pier	
	Explanation : Fire Damage	
No Component	25%	D
Wales and Chocks		
Timber	40% Now \$68,900 2036 ** 4	\$7,500 B
	Rotting/Splitting, Extent : Severe, Area Affected : 70%	
	Location: Typical Upper Wale And Isolated Throughout	
	Other Observation, Extent: Severe, Area Affected: 30%	
	Location : At South End Of Pier	
	Explanation: Fire Damage	
Timber	35% 4+ \$60,300 2036 ** 4	\$6,600 B
	Rotting/Splitting, Extent : Moderate, Area Affected : 40%  Location : Throughout Above Mlw Elevation	
N. C.		
No Component	25%	D
Piles Steel	15% 4+ \$36,000 2036 ** 3-5	\$11,600 B
Sicci	Corrosion, Extent: Severe, Area Affected: 30%	\$11,000 <b>D</b>
	Location: In Tidal Zone Throughout Piles And Angle Bracing	
	Other Observation, Extent : Severe, Area Affected : 30%	
	Location: Near Center Of Berth	
	Explanation : Impact Damage	
Steel	15% 4+ \$36,000 2036 ** 3-5	\$11,600 B
	Corrosion, Extent : Moderate, Area Affected : 35%	,
	Location: Above Mlw Throughout Piles And Angle Bracing	
No Component	25%	D
Not Accessible	45%	D
Deck Elements		
Railing		
Steel	100% 2020	В
	Loose Connections, Extent : Severe, Area Affected : 5%	
	Location: Isolated Throughout	
	Missing Coating, Extent: Light, Area Affected: 50%	
	Location: Throughout	

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

<sup>\*\*</sup> 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 :

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

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



<sup>\*\*</sup> 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

Piers	Current Repair	Future Replacen	nent	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estimated FY	Cost Cycl (Yrs		Priority Code
Structural					
Deck					
Concrete	60%	LIFE	** 5	\$5,100	Α
	Cracking, Extent : Light, Area Affec	ted : 5%			
	Location: Throughout				
	Spalling, Extent: Light, Area Affects				
	Location : At Concrete Beam, Una	lerside Of Pier			
Not Accessible	40%				D
Pile Caps					
Concrete	15% 4+ \$8,30	00 LIFE	** 5		A
	Cracking, Extent : Severe, Area Affe	ected : 100%			
	Location : Southeast Pile Cap				
Concrete	85%	LIFE	** 5	\$300	A
Piles and Bracing					
Steel	20% 0-2 \$74,90	00 LIFE	** 5	\$13,900	A
	Corrosion, Extent : Severe, Area Aff				
	Location: Within Tidal Zone Of E.	xposed H-piles			
Steel	5% Now \$31,20	00 LIFE	** 5	\$3,500	A
	Broken, Extent : Severe, Area Affect	ed : 100%			
	Location: Two Piles				
Not Accessible	75%				D
Fender					
Facing					
Timber	55% Now \$124,20	00 2036	** 3	\$3,700	В
	Rotting/Splitting, Extent: Severe, A	rea Affected : 100%			
	Location: Throughout				
No Component	45%				D

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

 $Program \, / \, Asset \, \# \quad : \, \, FIR0003.110 \, / \, 13858 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$ 

Linear Ft : 720 Project Type : FIRE DEPARTMENT

Date of Survey : 05-Nov-2009 Landmark Status : NONE

Areas Surveyed :

#### **CAPITAL**

**Total** 

Priority

**Total** 

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$49,200		\$100	
Total	\$49,200		\$100	
Priority B	\$25,000		\$100	
Priority C	\$24,100			
Total	\$49,200		\$100	



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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

# FIRE DEPARTMENT - 057 EAST SHORE RIP-RAP SHORELINE

Bulkheads		Current Re	oair	Futur	e Replacement	M	aintenance	
System Component Type	% of I Total	Fail Date E (Years)	Stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Revetment								
Stone	45%			LIFE	* *	5	\$1,600	C
	Settlement,	Extent : Lig	ht, Area Affectea	!: 20%				
	Location :	Throughou	t Station 0+00 T	To 3+10 (	from North)			
Stone	50%			LIFE	* *	5	\$1,800	С
	Settlement,	Extent : Lig	ht, Area Affectea	! : 5%				
	Location :	Throughou	t Station 3+10 T	To 7+20 (	from North)			
Stone	5%	4+	\$24,100	LIFE	* *	5	\$200	С
	Settlement, Extent : Moderate, Area Affected : 100%							
	Location :	Station 4+	90 To 5+25 (froi	n North)				
Backfill								
Fill								
Topsoil	10%	Now	\$14,100	2061	* *			В
_	Other Obse	rvation, Ext	ent : Moderate, A	Area Affe	cted : 100%			
	Location :	Beneath Th	ne North Apron S	Support C	of The Fdny Pier A	nd Statio	on 4+90 To 5+25	
	Explanation	on : Erosion						
Not Accessible	90%							D
Surface								
Gravel	45%			2034	* *	2-5	\$800	В
Topsoil	30%	4+	\$10,600	2021	\$10,600	5	\$400	В
•	Erosion, Ex	tent : Light,	Area Affected :	10%				
	Location :	Beneath Fo	lny Pier And Sta	tion 4+9	0 To 5+25 (from N	lorth)		
Not Accessible	25%							D

### **FIRE DEPARTMENT - 057**

#### **Project: FIRE DEPARTMENT**

CAPITAL		F	/ 2014 - 2017			FY 2018 - 2023
Miscellar	neous Buildings		465,200			153,200
EXPENSE	Ε	FY 2014	FY 2015		FY 2016	FY 2017
Miscellar	neous Buildings	17,100	5,900		15,600	12,300
ASSET #	NAME			SQFT	CAPITAL	EXPENSE
1832	FIRE ACADEMY FIRE S	IMULATOR BLDG #4	ļ	6,000	192,300	15,800
1833	FIRE ACADEMY MAINT BLDG#10	ENANCE & STORAC	ĴΕ	4,800	153,800	12,700
1857	FIRE ACADEMY FIRE S	IMULATOR BLDG #2	2	6,000	192,300	15,800
14099	FIRE ACADEMY LIBRA	RY - BLDG. #13		2,500	80,100	6,600

### **Project: FIRE DEPARTMENT**

CAPITAL	F	Y 2014 - 2017		FY 2018 - 2023
Special Systems		3,830,000		0
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Special Systems	665,000	810,000	1,120,000	1,285,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
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

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

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