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

Asset Name : COMMUNICATIONS CENTER-BRONX

Address : 1129 EAST 180TH STREET @ BRONX PARK

Borough : BRONX Agency's Number : N/A

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

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

Areas Surveyed : Basement, Roof, Floors 1, atc

Block : 4333 Lot : 1 BIN : 2101003

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

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



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

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

Asset #: 1996

Architecture		Current F	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior	•			•				•
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	\$8,100	A
Masonry: Brick	87%			LIFE	* *	5	\$18,000	A
Masonry: Brick	3%			LIFE	* *	5	\$600	A
Masonry: Limestone	2%			LIFE	* *	5	\$300	A
Window Wall	3%			2049	* *	5	\$2,300	A
Windows								
Aluminum	100%			2045	* *	5	\$2,800	A
Roof								
Clay Tile	93%	Now	\$47,500	2043	* *			A
			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	\$22,000	3	\$7,500	C
Cast in Place Concrete	25%			LIFE	* *	5	\$7,600	C
Ceramic Tile	3%			2036	* *	5	\$400	C
Quarry Tile	2%			2028	* *	5	\$400	C
Raised Access Floor	15%			2036	* *	5	\$7,800	C
Terrazzo	5%			LIFE	* *	5	\$500	C
Vinyl Tile	23%			2028	* *	3	\$1,200	C
Interior Walls								
Ceramic Tile	3%			2036	* *	5	\$400	C
Concrete Masonry Unit	5%			LIFE	* *	5	\$200	C
Fabric on Framing	45%			2024	\$96,100	5	\$2,600	C
Gypsum Board	10%			LIFE	* *	5	\$700	C
Gypsum Board	5%			LIFE	* *	5	\$400	C
Masonry: Brick	10%			LIFE	* *			C
Plaster	20%			LIFE	* *	5	\$700	C
Wood	2%			LIFE	* *	5	\$900	C
Ceilings								
AcousTileSusp.Lay-In	15%			2040	* *	5	\$2,100	В
Exposed Concrete	20%			LIFE	* *	5	\$400	В
Gypsum Board	15%			LIFE	* *	5	\$2,600	В
Plaster	50%			LIFE	* *	5	\$4,300	В

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

Under 600 Volts

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

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

Asset #: 1996

Electrical	Current Repair	Future Replacement	M	Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Mo Location : Electrical Room Explanation : Main Service D	2043 * * oderate, Area Affected : 100% visconnect Switch Rated @ 2000 Ar	3		В
Switchgear / Switchboard Fused Disc Sw	100%	2043 **			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	\$100	В
Stand-by Power Transfer Switches Automatic	100%	2036 **	1	\$2,700	В
Generators Diesel	50% Other Observation, Extent : Mo Location : Outside The Buildi		1	\$1,700	В
Diesel	Explanation: 2 - 125 Kva 50% Other Observation, Extent: Mo Location: Generator Room	2032 ** oderate, Area Affected : 100%	1	\$1,700	В
Batteries	Explanation: 2 - 638 Kva, Ko	ohler Power System			
Lead/Acid Fuel Storage	100%	2017 \$600	5	\$300	В
Day Tank Underground Storage	50% 50%	2039 ** LIFE **	5	\$800 \$300	B B
Lighting Interior Lighting Fluorescent	90% Other Observation, Extent : Mo Location : Throughout The Bu		10	\$7,300	В
Fluorescent	Explanation: T-8 Lamps 8% Other Observation, Extent: Mo Location: Corridors	2028 * * derate, Area Affected : 100%	10	\$700	В
Incandescent	Explanation : Compact Fluor	escent Lamps 2028 **	2		В
	**				

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

Asset #: 1996

Electrical	Current Repair Future Replacement Maintenance							
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority 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
	Other Obs	ervation, E.	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Tower An	nd Roof					
	Explana	tion : Steel .	Lightning Rods					
Alarm								
Security System								
Generic	100%			2028	* *	1	\$3,300	В
	Other Obs	ervation, E.	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Inside An	nd Outside The Bui	lding				
	Explana	tion : CCTV	/ Surveillance Syst	em And	Intrusion Alarm Sy	stem		
Fire/Smoke Detection								
Generic	100%			2028	* *	1-3	\$5,500	В
	Other Obs	ervation, E.	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Through	out The Building					
	Explana	tion : Strob	e Lights, Alarm Be	lls, Man	ual Pull Stations A	nd Smok	e Detectors	

Mechanical	Current Repair	Futur	e Replacement	M						
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	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 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.

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

Asset #: 1996

Mechanical		Current F	Repair	Futur	e Replacement	ement Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	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	\$5,000	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	#100	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
							. ,	

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

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

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



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

Asset #: 1994

Architecture	Curren	Current Repair			M		
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls							
Cast Stone/Terra Cotta	5%		LIFE	* *	5	\$11,300	Α
		ss, Extent : Light, Are	a Affected	d : 25%			
	Location : Corni	ces					
Masonry: Brick	92%		LIFE	* *	5	\$26,600	A
	Repairs in Progres	ss, Extent : Light, Are	a Affected	d : 25%			
	Location: Throu	ghout					
Masonry: Limestone	3%		LIFE	* *	5	\$700	A
•	Repairs in Progres	ss, Extent : Light, Are	a Affected	d : 25%			
	Location : Spand	lrels, Lintels					
Windows							
Aluminum	100%		2048	* *	5	\$4,900	A
	Recent Replace Ev	ident, Extent : Light,	Area Affe	ected : 100%			
	Location: Throu	ghout					
Roof							
Clay Tile	100%		2043	* *	10	\$23,500	A
	Repairs in Progres	ss, Extent : Light, Are	a Affected	d: 25%			
	Location: Throu	ghout					
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)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Under Construction	100%							D
Transformers								
Under Construction	100%							D
Switchgear / Switchboard								
Under Construction	100%							D
Raceway								
Under Construction	100%							D
Panelboards								
Under Construction	100%							D
Wiring								
Under Construction	100%							D
Motor Controllers								
Under Construction	100%							D

Ground

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

Asset #: 1994

Electrical		Current Ro	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ground								
Grounding Devices Under Construction	100%							D
Stand-by Power								
Transfer Switches Under Construction	100%							D
Generators Under Construction	100%							D
Batteries Under Construction	100%							D
Fuel Storage Under Construction	100%							D
Lighting								
Interior Lighting								
Under Construction	100%							D
Egress Lighting								
Under Construction	100%							D
Exterior Lighting	400							_
Under Construction	100%							D
Lightning Protection								
Arresters/Cabling Under Construction	100%							D
Alarm	100%							
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 Total (Years)	Cost 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 U	nder 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

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

^{**} 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)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	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
Backflow Preventer								
Not Accessible	100%							D
Fixtures								
Not Accessible	100%							D
Fire Suppression								
Standpipe								
Not Accessible	100%							D
Sprinkler								
Not Accessible	100%							D
Fire Pump								
Not Accessible	100%							D

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

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

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

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

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



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

Asset #: 1993

rchitecture	Current R	epair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
kterior							
Exterior Walls							
Masonry: Brick	2% Now	\$1,900	LIFE	* *	5	\$500	Α
	Broken/Missing Elem		erate, Ar	ea Affected : 20%			
	Location: Coping A	•					
	Other Observation, E.	xtent : Moderate, A	rea Affe	cted : 100%			
	Location: Chimney						
	Explanation : Stucce	o On Brick					
Masonry: Granite	68%		LIFE	* *	5	\$13,700	A
Pre-Cast Concrete	30%		LIFE	* *	5	\$26,200	A
Windows							
Aluminum	90%		2045	* *	5	\$4,100	A
	Recent Replace Evide	nt, Extent : Light, 1	Area Aff	ected : 100%			
	Location: Througho	out					
Metal Louvers	10%		2032	* *	10	\$2,800	A
Parapets							
Pre-Cast Concrete	100%		LIFE	* *	5	\$66,900	Α
	Recent Repair Eviden	_	rea Affec	cted : 25%			
<u> </u>	Location: Througho	out					
Roof							
Copper/Terne	90%		2038	* *	10	\$98,100	Α
Copper/Terne	10%		2058	* *	10	\$10,900	A
	Recent Replace Evide	nt, Extent : Light, 1	Area Affa	ected : 100%			
	Location : At Perim	eter					
terior							
Floors							
Under Construction	100%						D
Interior Walls							
Under Construction	100%						D
Ceilings							
Under Construction	100%						D

Electrical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2043	* *	5	\$300	В
	Other Observation, Extent : Moderat	te, Area Affected .	: 100%			
	Location: Electrical Room					
	Explanation : Main Service Discon	nect Switches Ra	ted @ 1200 A	mperes A	And 700 Amperes	
Transformers						
Dry Type	100%	2021	\$15,000	5		В
	Other Observation, Extent : Moderat	te, Area Affected .	: 100%			
	Location : Electrical Room					
<u> </u>	Explanation: 75 Kva					

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

Asset #: 1993

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts	•			•				•
Switchgear / Switchboard								
Fused Disc Sw	60%			2023	\$38,500	5		В
Molded Case Bkrs	40%			2043	* *	5	\$100	В
Raceway								
Conduit	60%			2023	\$12,300	1		В
Conduit	40%			2043	* *	1		В
Panelboards						_		_
Molded Case Bkrs	60%			2022	\$14,600	5	\$200	В
Molded Case Bkrs	40%			2039	* *	5	\$100	В
Wiring	# 00/			2022	413 000			-
Thermoplastic	50%			2023	\$13,000 * *	1		В
Thermoplastic	50%			2043	* *	1		В
Motor Controllers	700/			2021	Φ	~	ф100	D
Locally Mounted	70%			2021	\$6,000 * *	5	\$100	В
Locally Mounted	30%			2036		5		В
Grounding Davises								
Grounding Devices Not Accessible	100%							D
Stand-by Power	100%							<u> </u>
Transfer Switches								
Automatic	100%			2040	* *	1	\$3,400	В
Generators	10070			2040			Ψ3,400	
Diesel	100%			2036	* *	1	\$4,300	В
Biosci		ervation. E	Extent : Moderate, A		ected : 100%	•	ψ 1,500	D
		: Generate		33				
	Explana	tion : 2 - 30	00 Kw Detroit Dies	el Gener	rators			
Batteries	•							
Lead/Acid	100%			2018	\$700	5	\$400	В
Fuel Storage								
Day Tank	50%			2045	* *	5	\$1,000	В
	Other Obs	ervation, E	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Generate	or Room					
	Explana	tion : 275 C	Gallons Capacity					
Underground Storage	50%			LIFE	* *	5	\$300	В
Lighting								
Interior Lighting								
Fluorescent	30%			2018	\$16,700	10	\$2,800	В
			xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Through	out The Building					
	Explana	tion : T-12	Lamps					
Fluorescent	70%			2031	* *	10	\$6,600	В
			xtent : Moderate, A	Area Affe	ected : 100%			
			out The Building					
	Explana	tion : T-8 L	amps					

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

^{**} 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	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	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	\$4,900	10		В
Lightning Protection Arresters/Cabling							
Generic	100%		2026	* *	5	\$500	В
Alarm							
Security System							
Generic	100%		2023	\$40,700	1	\$4,100	В
	Other Observation, E.	xtent : Moderate, A	rea Affe	ected : 100%			
	Location : Through	out The Building					
	Explanation: CCTV	⁷ Surveillance Syste	m And I	Intrusion Alarm Sy	stem		
Fire/Smoke Detection							
Under Construction	100%						D

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Fuel Oil No 2	100%	2033	* *	5	\$3,200	В
Conversion Equipment						
Steam Boiler	100%	2043	* *	1	\$10,200	В
	Recent Replace Evident, Extended Location: Basement Boiler I		ected : 100%			
	Other Observation, Extent : Li	ght, Area Affected	: 100%			
	Location : Basement Boiler I	Room				
	Explanation: 2 Units					
Distribution						
Hot Wtr Piping/Pump	50%	2022	\$31,600	4	\$300	В
Steam Piping/Pump	50%	2053	* *	4	\$300	В
	Other Observation, Extent : Li Location : Basement	ght, Area Affected	: 50%			
	Explanation : Basement Pipi	ng Has Been Replo	aced			
Terminal Devices						
Convector/Radiator	60%	2043	* *	1	\$2,000	В
Under Construction	40%					D
Air Conditioning						
Energy Source						
Electricity	100%	2039	* *	1		В

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

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

Asset #: 1993

Type	Mechanical	Curre	nt Repair	Futur	e Replacement	М	aintenance	
Comprocating A0% 2033 ** 1 \$1,900 B	Component				Estimated Cost	-	Estimated Cost	Priority Code
Reciprocating Compr/Chiller	Air Conditioning							
Other Observation, Extent: Light, Area Affected: 40% Location: Rear Yard Explanation: New Air Conditioning System For New Communication Equipment Room	Reciprocating	40%		2033	* *	1	\$1,900	В
No Component 20%	Compr/Chine	Location : Rear	Yard					
Under Construction			ew Air Conditioning S	ystem Fo	r New Communica	ation Equ	iipment Room	
Distribution Chilled Wtr Pipe/Pump 40% 2053 * * 4 \$200 B								
Chilled Wtr Pipe/Pump		40%						D
Other Observation, Extent: Light, Area Affected: 40% Explanation: New Air Conditioning System For New Communication Equipment Room D		1007		20.52	ale ale		Φ200	-
No Component 20%	Chilled Wtr Pipe/Pump	Other Observation Location : Rear	Yard	Affected	: 40%			В
Under Construction		Explanation : N	ew Air Conditioning S	ystem Fo	r New Communica	ation Equ	iipment Room	
Terminal Devices Direct Expansion								D
Direct Expansion		40%						D
Other Observation, Extent : Light, Area Affected : 40% Location : Basement								
No Component Captanation : New Air Conditioning System For New Communication Equipment Room D	Direct Expansion					1		В
No Component Under Construction				Affected	: 40%			
No Component Under Construction					v. a .			
Under Construction			ew Air Conditioning S	ystem Fo	r New Communica	ation Equ	iipment Room	
Heat Rejection Remote Air Cond 40% 2033 ** 2 \$2,900 B	-							
Remote Air Cond		40%						D
Other Observation, Extent : Light, Area Affected : 40% Location : Rear Yard Explanation : New Air Conditioning System For New Communication Equipment Room		400/		2022	* *	2	¢2.000	D
Location : Rear Yard Explanation : New Air Conditioning System For New Communication Equipment Room D	Remote Air Cond		m Extent : Light Ange			2	\$2,900	В
No Component Under Construction 20%				Ајјестеи	. 4070			
No Component Under Construction 40% D D				vetam Fo	r New Communica	ation Far	inment Poom	
Under Construction 40%	No Common and		ew Air Conditioning 5	ystem 1 0	Tivew Communice	mon Equ	пртет коот	D
Ventilation								
Distribution Ductwork/Diffusers 40%		40%						D
Ductwork/Diffusers								
Other Observation, Extent : Light, Area Affected : 40% Location : Communication Equipment Room, Basement Explanation : New Ductwork		400%		LIEE	* *	2.5	\$2,300	D
Location : Communication Equipment Room, Basement Explanation : New Ductwork	Ductwork/Diffusers		n Frient · Light Area			2-3	\$2,300	ь
Explanation : New Ductwork			_					
Under Construction 60% D Exhaust Fans Roof 30% 2018 \$3,000 2 \$100 B Under Construction 70% D				Room, D	азетен			
Exhaust Fans Roof 30% 2018 \$3,000 2 \$100 B Under Construction 70% D	Under Construction		ew Ductwork					D
Roof Under Construction 30% 70% 2018 \$3,000 2 \$100 B D Plumbing H/C Water Piping Brass/Copper 20% 2033 ** 1 B		00%						D
Under Construction 70% D Plumbing H/C Water Piping 80% 2033 ** 1 ** 1 ** B ** B ** Galv Iron/Steel ** 80% 2021 ** \$30,100 1 ** B ** B		30%		2018	\$3,000	2	\$100	R
Plumbing H/C Water Piping Brass/Copper 20% 2033 * * 1 B Galv Iron/Steel 80% 2021 \$30,100 1 B Water Heater Electric 100% 2021 \$2,000 4 \$100 B Sanitary Piping				2016	Ψ3,000	2	\$100	
H/C Water Piping Brass/Copper 20% 2033 ** 1 B Galv Iron/Steel 80% 2021 \$30,100 1 B Water Heater Electric 100% 2021 \$2,000 4 \$100 B Sanitary Piping	-	7070						D
Brass/Copper 20% 2033 ** 1 B Galv Iron/Steel 80% 2021 \$30,100 1 B Water Heater Electric 100% 2021 \$2,000 4 \$100 B Sanitary Piping								
Galv Iron/Steel 80% 2021 \$30,100 1 B Water Heater Electric 100% 2021 \$2,000 4 \$100 B Sanitary Piping	ž	20%		2033	* *	1		B
Water Heater Electric 100% 2021 \$2,000 4 \$100 B Sanitary Piping								
Electric 100% 2021 \$2,000 4 \$100 B Sanitary Piping		3070		2021	Ψ50,100			<u> </u>
Sanitary Piping		100%		2021	\$2,000	4	\$100	B
		100/0		2021	Ψ2,000	•	Ψ100	
	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.

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

^{**} 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)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing							<u></u>
Sump Pump(s)							
Rigid Piping	100%		2023	\$11,100	4	\$2,000	В
Fixtures							
Under Construction	100%						D

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

Asset Name : COMMUNICATIONS CENTER-QUEENS

Address : 83-98 WOODHAVEN BOULEVARD @ PARK LANE SOUTH

Borough : QUEENS Agency's Number : N/A

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

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

Areas Surveyed : Basement, Roof, Floors 1

Block : 3866 Lot : 70 BIN : 4439147

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

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



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

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

Asset #: 1995

	Current Repair		Future Replacement		Maintenance					
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
xterior				•				•		
Exterior Walls										
Masonry: Brick	85%			LIFE	* *	5	\$16,700	A		
Masonry: Granite	3%			LIFE	* *	5	\$400	Α		
Masonry: Limestone		Now r Miss/Eroe : Cornices	\$13,600 d, Extent : Light, A	LIFE rea Affec	* * ted : 10%	5	\$1,500	A		
	Staining/D		, Extent : Moderate	, Area Aj	ffected : 10%					
Metal Coiling Doors	2%			2028	* *	5	\$1,200	A		
Windows Aluminum	100%			2045	* *	5	\$3,300	A		
Roof										
Clay Tile	95%	Now	\$146,200	2043	* *			Α		
		-	nents, Extent : Ligh	t, Area A	ffected : 5%					
		: Through								
			iss, Extent : Moder	ate, Area	Affected: 25%					
	Location	Location: Throughout								
	Miss/Dam	Miss/Damaged Flashings, Extent: Moderate, Area Affected: 20%								
	Location : At Dome									
		etration, E : At Dome	xtent : Moderate, A	Area Affe	cted : 10%					
Copper/Terne			xtent : Moderate, A	Area Affe 2058	* *	10	\$4,000	A		
Copper/Terne terior	Location		xtent : Moderate, A			10	\$4,000	A		
	Location		xtent : Moderate, A			10	\$4,000	A		
terior	Location		xtent : Moderate, A			10	\$4,000 \$6,700	С		
terior Floors	Location 5%		xtent : Moderate, A	2058	**			C C		
terior Floors Carpet	Location 5% 30%		xtent : Moderate, A	2058	* * \$19,800	3	\$6,700	C C C		
terior Floors Carpet Cast in Place Concrete	Location 5% 30% 20%		xtent : Moderate, A	2058 2024 LIFE	** \$19,800 **	3 5	\$6,700 \$4,900	C C C		
terior Floors Carpet Cast in Place Concrete Ceramic Tile	Location 5% 30% 20% 5%		xtent : Moderate, A	2058 2024 LIFE 2036	** \$19,800 ** **	3 5 5	\$6,700 \$4,900 \$600	C C C		
terior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor	Location 5% 30% 20% 5% 20%		xtent : Moderate, A	2058 2024 LIFE 2036 2036	\$19,800 ** ** **	3 5 5 5	\$6,700 \$4,900 \$600 \$8,400	C C C		
terior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo	30% 20% 5% 20% 5% 5%		xtent : Moderate, A	2058 2024 LIFE 2036 2036 LIFE	\$19,800 ** ** **	3 5 5 5 5	\$6,700 \$4,900 \$600 \$8,400 \$400	C C C C		
terior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile	30% 20% 5% 20% 5% 5%		xtent : Moderate, A	2058 2024 LIFE 2036 2036 LIFE	\$19,800 ** ** **	3 5 5 5 5	\$6,700 \$4,900 \$600 \$8,400 \$400	C C C C		
terior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete	30% 20% 5% 20% 5% 20% 5% 20%		xtent : Moderate, A	2058 2024 LIFE 2036 2036 LIFE 2031 LIFE	** \$19,800 ** ** ** **	3 5 5 5 5	\$6,700 \$4,900 \$600 \$8,400 \$400 \$800	C C C C C		
terior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile	20% 5% 20% 5% 20% 5% 20% 5% 5% 5%		xtent : Moderate, A	2058 2024 LIFE 2036 2036 LIFE 2031 LIFE 2036	** \$19,800 ** ** ** ** **	3 5 5 5 5 3	\$6,700 \$4,900 \$600 \$8,400 \$400 \$800	C C C C C C C		
terior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing	10% 10% 20% 5% 20% 5% 20% 5% 20%		xtent : Moderate, A	2024 LIFE 2036 2036 LIFE 2031 LIFE 2036 2027	** \$19,800 ** ** ** ** **	3 5 5 5 5 5 3	\$6,700 \$4,900 \$600 \$8,400 \$400 \$800 \$700 \$1,400	C C C C C C C C		
Terior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing Gypsum Board	10% 20% 5% 20% 5% 20% 5% 20% 35%		xtent : Moderate, A	2024 LIFE 2036 2036 LIFE 2031 LIFE 2036 2027 LIFE	** \$19,800 ** ** ** ** **	3 5 5 5 5 5 3	\$6,700 \$4,900 \$600 \$8,400 \$400 \$800	C C C C C C C C C		
terior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing Gypsum Board Masonry: Brick	10% 20% 5% 20% 5% 20% 10% 5% 20% 35% 10%	: At Dome	extent : Moderate, A	2024 LIFE 2036 2036 LIFE 2031 LIFE 2036 2027 LIFE LIFE	** \$19,800 ** ** ** ** **	3 5 5 5 5 3	\$6,700 \$4,900 \$600 \$8,400 \$400 \$800 \$700 \$1,400 \$3,000	C C C C C C C C		
Terior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing Gypsum Board	10% 10% 20% 5% 20% 5% 20% 10% 35% 10% 5%	: At Dome	\$1,300	2024 LIFE 2036 2036 LIFE 2031 LIFE 2036 2027 LIFE LIFE	** \$19,800 ** ** ** ** ** ** ** **	3 5 5 5 5 5 3	\$6,700 \$4,900 \$600 \$8,400 \$400 \$800 \$700 \$1,400	C C C C C C C C C		
terior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing Gypsum Board Masonry: Brick	Location 5% 30% 20% 5% 20% 5% 20% 5% 20% 10% 5% Cracking/0	: At Dome	\$1,300 Extent: Moderate, A	2024 LIFE 2036 2036 LIFE 2031 LIFE 2036 2027 LIFE LIFE	** \$19,800 ** ** ** ** ** ** ** **	3 5 5 5 5 3	\$6,700 \$4,900 \$600 \$8,400 \$400 \$800 \$700 \$1,400 \$3,000	C C C C C C C C C C		
terior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing Gypsum Board Masonry: Brick	10% 5% 20% 5% 20% 5% 20% 5% 20% 5% Cracking/C	Now Crumbling, : Commun	\$1,300 Extent: Moderate, A	2024 LIFE 2036 2036 LIFE 2031 LIFE 2036 2027 LIFE LIFE LIFE LIFE	** \$19,800 ** ** ** ** ** ** ** ** **	3 5 5 5 5 3	\$6,700 \$4,900 \$600 \$8,400 \$400 \$800 \$700 \$1,400 \$3,000	C C C C C C C C C C		
terior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing Gypsum Board Masonry: Brick	10% 20% 5% 20% 5% 20% 5% 20% 10% 5% Cracking/C	Now Crumbling, : Commun etration, E	\$1,300 Extent: Moderate, A	2024 LIFE 2036 2036 LIFE 2031 LIFE 2036 2027 LIFE LIFE LIFE LIFE	** \$19,800 ** ** ** ** ** ** ** ** **	3 5 5 5 5 3	\$6,700 \$4,900 \$600 \$8,400 \$400 \$800 \$700 \$1,400 \$3,000	C C C C C C C C		
terior Floors Carpet Cast in Place Concrete Ceramic Tile Raised Access Floor Terrazzo Vinyl Tile Interior Walls Cast in Place Concrete Ceramic Tile Fabric on Framing Gypsum Board Masonry: Brick	10% 20% 5% 20% 5% 20% 5% 20% 10% 5% Cracking/C	Now Crumbling, : Commun etration, E	\$1,300 Extent: Moderate, A	2024 LIFE 2036 2036 LIFE 2031 LIFE 2036 2027 LIFE LIFE LIFE LIFE	** \$19,800 ** ** ** ** ** ** ** ** **	3 5 5 5 5 3	\$6,700 \$4,900 \$600 \$8,400 \$400 \$800 \$700 \$1,400 \$3,000	C C C C C C C C		

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

^{**} 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)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	50%			2040	* *	5	\$5,600	В
Exposed Concrete	20%			LIFE	* *	5	\$400	В
Gypsum Board	10%			LIFE	* *	5	\$1,400	В
Plaster	5%	Now	\$1,900	LIFE	* *	5	\$400	В
	Cracking/0	Crumbling,	Extent : Moderate	, Area Aj	ffected : 5%			
	Location	: Commun	ication Room					
	Water Pen	etration, E	xtent : Moderate, A	rea Affe	cted : 10%			
	Location	: Commun	ication Room					
Plaster	15%			LIFE	* *	5	\$1,100	В

Electrical	Current Repair	Future Re	placement	Maintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2043	* *	5		В
	Other Observation, Extent : Moder	rate, Area Affected	: 100%			
	Location : Electrical Room					
	Explanation : Main Service Disc	onnect Switch Rate	ed @ 2000 An	iperes		
Transformers						
Dry Type	100%	2036	* *	5		В
	Other Observation, Extent: Moder	rate, Area Affected	: 100%			
	Location : Electrical Room					
	Explanation : 225 Kva, 480/208/	120 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	\$100	В
	Other Observation, Extent: Moder	rate, Area Affected	: 100%			
	Location: Water Meter Room					
	Explanation: Connected To Mai	n Water Pipe.				
Stand-by Power						
Transfer Switches						
Automatic	100%	2036	* *	1	\$2,500	В

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

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

Asset #: 1995

Electrical	Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Stand-by Power							
Generators							
Diesel	50%		2032	* *	1	\$1,600	В
	Other Observation, Ext		rea Affe	cted : 100%			
	Location : Generator		G.				
	Explanation: 2 - 638	Kva Kohler Powe	•				
Diesel	50%		2032	* *	1	\$1,600	В
	Other Observation, Ext		rea Affe	cted : 100%			
	Location : Outside Th	_					
-	Explanation: 2 - 125	Kva					
Batteries	1000/		2017	\$	~	Ф200	ъ
Lead/Acid	100%		2017	\$600	5	\$300	В
Fuel Storage	5 00/		2020	* *	_	\$700	D
Day Tank	50% 50%		2039 LIFE	* *	5 5	\$700 \$200	B B
Underground Storage	30%		LIFE		3	\$200	В
Lighting							
Interior Lighting Fluorescent	70%		2028	* *	10	\$4,800	В
Fluorescent	Other Observation, Ex	tent : Moderate A			10	\$4,000	Ь
	Location : Throughou		11 cu 11jje	cica . 10070			
	Explanation: T-8 Lan	_					
Fluorescent	30%	прз	2028	* *	10	\$2,100	В
Fluorescent	Other Observation, Ext	tant : Modarata A			10	\$2,100	Ь
	Location : Corridors		rea rijje	cieu . 100/0			
	Explanation : Compa		mne				
Egress Lighting	Ехрининон : Сотра	ci i iuoresceni La	трз				
Emergency, Service	50%		2028	* *	1		В
Emergency, Battery	10%		2028	* *	10	\$200	В
Exit, Service	40%		2028	* *	1	Ψ200	В
Exterior Lighting							
HID	100%		2028	* *	10		В
Alarm							
Security System							
Generic	100%		2028	* *	1	\$3,000	В
	Other Observation, Ext	tent : Moderate, A	rea Affe	cted : 100%			
	Location: Inside And	l Outside The Buil	ding				
	Explanation: CCTV	Surveillance Syste	em And I	ntrusion Alarm Sy	stem		
Fire/Smoke Detection							
Generic	100%		2028	* *	1-3	\$5,000	В
	Other Observation, Ext	tent : Moderate, A	rea Affe	cted : 100%			
	Location : Throughou	ıt The Building					
	Explanation: Strobe	Lights, Manual Pi	ull Statio	ons, Smoke Detecto	ors, <u>Ala</u> ri	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.

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

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

Asset #: 1995

Mechanical	Current Repair		Futur	e Replacement	Maintenance			
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source						_		_
Fuel Oil No 2	100%			2033	* *	5	\$2,300	В
Conversion Equipment								_
Hot Water Boiler	100%			2028	* *	1	\$3,700	В
			Extent : Light, Area	Affected	: 100%			
	Location :							
D1 . 11 . 1	Explanation	on : 2 Uni	its					
Distribution	1.000/			2020	* *	4	\$	D
Hot Wtr Piping/Pump	100%			2039	* *	4	\$600	В
Terminal Devices	700/			2022	Φ22 100		Φ2 200	ъ
Air Handler	70%			2023	\$32,100	1	\$3,300	В
Fan Coil Unit/Heat	30%			2023	\$38,200	1	\$700	В
Air Conditioning								
Energy Source	1000/			2020	* *	1		D
Electricity	100%			2039	* *	1		В
Conversion Equipment	0.004			2022	ale ale		φ. 	-
Centrifugal, Elec Chiller				2032	* *	1	\$6,500	В
			tent : Light, Area Aj	ffected :	100%			
	Location :	: Chiller S	ide 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	\$9,000	1	\$1,200	В
Fan Coil - Cool/Heat	55%			2023	\$88,600	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	\$4,200	В
Exhaust Fans								
Interior	100%			2028	* *	2	\$200	В
Plumbing								
H/C Water Piping	46-					_		_
Brass/Copper	100%			2043	* *	1		В
Water Heater	46- 1				.	_		_
Oil Fired	100%			2021	\$2,600	1	\$200	В
			Extent : Light, Area	Affected	: 100%			
	Location :							
	Explanati	on : 2 Uni	its					
Sanitary Piping								_
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping				_				
Cast Iron	100%			LIFE	* *	1		В

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

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

Asset #: 1995

Mechanical	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	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 : Li	ght, 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: 15-Nov-2013 FIRE DEPARTMENT - FY 2014

Asset Name : COMMUNICATIONS CENTER-STATEN ISL
Address : 65 SLOSSON AVENUE @ CLOVE LAKES PARK

Borough : STATEN ISLAND Agency's Number : N/A

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

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

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

Block : 319 Lot : 1 BIN : 5112428

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

40.400	1 7		<u> </u>
\$37.500	\$2,500	\$3,600	\$4,900
			\$4,400
\$37,500	\$2,500	\$3,600	\$9,300
\$8,600	\$1,100	\$2,200	\$2,900
\$28,900	\$1,400	\$1,300	\$2,100
			\$4,400
FY 2015	FY 2016	FY 2017	FY 2018
	\$28,900 \$8,600 \$37,500	\$28,900 \$1,400 \$8,600 \$1,100	\$28,900 \$1,400 \$1,300 \$8,600 \$1,100 \$2,200 \$37,500 \$2,500 \$3,600



^{**} 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 Estimat Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod	
xterior							
Exterior Walls	201		de de	_	ф 1.2 00		
Cast in Place Concrete	3%	LIFE	* *	5	\$1,200	A	
Masonry: Brick	80%	LIFE	* *	5	\$6,300	Α	
	Recent Repair Evident, Extent Location: Throughout	: Light, Area Affec	ted : 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 Evident, Exten Location : Throughout						
Glass Block	5%	LIFE	* *	5	\$100	A	
	Recent Replace Evident, Exten Location : North Facade	t : Light, Area Affe	ected : 100%				
Roof							
Modified Bitumen	90%	2033	* *	10	\$7,300	Α	
	Recent Replace Evident, Exten Location : Throughout	t : Light, Area Affe	ected : 100%				
Modified Bitumen	10%	2028	* *	10	\$800	A	
terior							
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)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	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	\$9,500	1		В
Conduit	50%			2049	* *	1		В
Panelboards								
Molded Case Bkrs	50%			2022	\$11,200	5	\$100	В
Molded Case Bkrs	50%			2045	* *	5	\$100	В

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

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

Asset #: 1997

Electrical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Wiring	7 0					_
Thermoplastic	50%	2033	* *	1		В
Thermoplastic	50%	2049	* *	1		В
Motor Controllers Locally Mounted	100%	2040	* *	5	\$100	В
Ground	100%	2040			\$100	Б
Grounding Devices						
Not Accessible	100%					D
Stand-by Power						
Transfer Switches						
Not Accessible	100%					D
Generators						
Diesel	40% Now	\$26,900 2038	* *	1	\$1,300	В
	Other Observation, Extent:	Moderate, Area Affect	ed : 100%			
	Location: Sub Basement					
	Explanation : Not Operati					
Diesel	40%	2036	* *	1	\$1,500	В
	Other Observation, Extent:	==	ed : 100%			
	Location : Generator Roo					
	Explanation : (2) 638 Kva	<u>·</u>				
Diesel	20% Other Observation, Extent: Location: Outside Explanation: No Available		* * red : 100%	1	\$700	В
Batteries	230pressession 1110 117 essession					
Lead/Acid	100%	2018	\$600	5	\$400	В
Fuel Storage			,,,,,		,	
Day Tank	50%	2045	* *	5	\$900	В
Underground Storage	50%	LIFE	* *	5	\$300	В
ighting						
Interior Lighting						
Fluorescent	70%	2031	* *	10	\$6,100	В
	Other Observation, Extent:		ed : 100%			
	Location: Throughout Th					
	Explanation: T-12 Lamps					
Under Construction	30%					D
Egress Lighting						_
Emergency, Service	50%	2031	* *	1	*	В
Emergency, Battery	30%	2031	* *	10	\$700	В
Exit, Service	20% Now	\$300 2033	**	1		В
	Not Functioning, Extent : M Location : Throughout Th		: 100%			
Entarian Linking	Location . Infoughout In	е Бинину				
Exterior Lighting HID	100%	2023	\$2,000	10		В
Ilorm	10070	2023	\$3,900	10		

Alarm

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

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

Asset #: 1997

Electrical	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
larm				
Security System				
Generic	100%	2031 **	1 \$3,500	В
	Other Observation, Extent : Moderate,	Area Affected : 100%		
	Location : Throughout The Building			
	Explanation: CCTV Surveillance Sy.	stem		
Fire/Smoke Detection				
Generic	100%	2031 **	1-3 \$5,800	В
	Other Observation, Extent: Moderate,	Area Affected : 100%		
	Location : Throughout The Building			
	Explanation : Smoke Detectors, Stro	be Lights, Horns, Manual Pu	ıll Stations	

Mechanical		Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
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					
<u> </u>	Explana	ion : 1 Uni	t					
Distribution								
Hot Wtr Piping/Pump	40%			2048	* *	4	\$300	В
Hot Wtr Piping/Pump	60%			2022	\$32,300	4	\$300	В
Terminal Devices								
Convector/Radiator	60%	Now	\$6,100	2021	\$60,700	1	\$1,700	В
			vere, Area Affecte	d: 20%				
	Location	: Various A	Areas					
Not Accessible	40%							D
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		В
Conversion Equipment								
Reciprocating	80%			2023	\$29,100	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
Under Construction	55%							D

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

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

Asset #: 1997

Mechanical		Current Repair Fut		Futur	Future Replacement N		aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Heat Rejection	0.0					_		_
Remote Air Cond	80%			2023	\$41,000	2	\$5,300	В
No Component	20%							D
Ventilation								
Distribution	1000/							
Under Construction	100%							D
Exhaust Fans				• • • •	*4 = 00	_		_
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	\$12,800	1		В
Water Heater								
Electric	100%			2023	\$1,700	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								
Under Construction	100%							D
Fire Suppression Sprinkler								
Not Accessible	25%							D
Under Construction	75%							D

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

Asset Name : EMS BUILDING BATTALION 4

Address : PIERS 35 & 36, EAST RIVER 271 MARGINAL STREET

Borough : MANHATTAN Agency's Number : N/A

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

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

Areas Surveyed : Roof, Floors 1,3

Block : 241 Lot : 13 BIN : 1079601

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

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



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

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

Asset #: 2405

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$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%		\$281,600	2037	* *	5	\$4,900	A
		_	ients, Extent : Mod	erate, Ar	ea Affected : 20%			
		ı : Locker F						
		ted Finish, 1 : Through	Extent : Moderate, out	Area Af	fected : 50%			
			, Extent : Moderate	e, Area A	ffected : 50%			
	Location	ı : Through	out					
Parapets								
Pre-Cast Concrete	100%			LIFE	* *	5	\$14,500	A
Roof								
Built-Up (BUR)	98%			2029	**	10	\$14,100	A
Skylight, Metal/Glass	2%		\$3,900	2021	\$38,500			Α
			Extent : Moderate, A	Area Affe	ected : 25%			
		ı : Over Sta						
			Extent : Moderate, A	Area Affe	cted: 5%			
-	Location	ı : Stair						
Interior								
Floors	C = 0.1			LIDE	* *	_	Φ21 000	a
Cast in Place Concrete	65%		Φ2.400	LIFE	**	5	\$21,800	C
Ceramic Tile	5%		\$3,400	2030		5	\$400	C
	_	_	Extent : Light, Are	еа Ајјест	ea : 15%			
		ı : Through	ош					
Vinyl Tile	30%			2021	\$43,600	3	\$2,300	C
Interior Walls	5 5 0 /		Φ= 000		ate ate	_	4.100	a
Concrete Masonry Unit	75%		\$7,800	LIFE	**	5	\$4,100	С
		Crumbling, 1 : Through	Extent : Light, Are	ea Affect	ed : 5%			
			ош					
Gypsum Board	20%			LIFE	**	5	\$1,700	C
Masonry: Brick	5%			LIFE	* *			C
Ceilings				262		_	** 00 -	-
AcousTileSusp.Lay-In	25%			2026	* *	5	\$3,800	В
Exposed Concrete	75%			LIFE	* *	5	\$1,800	В

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

Under 600 Volts

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

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

Asset #: 2405

Electrical	Current Repair	Future F	Replacement	M		
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment Fused Disc Sw	30% Other Observation, Extent : Moderate Location : Electrical Room Explanation : One 1600 Amps Main			5		В
Fused Disc Sw	35%	2041	**	5		В
Tused Disc 5 w	Other Observation, Extent : Moderate Location : Electrical Room Explanation : One 2000 Amps Main	, Area Affecte		3		Б
Fused Disc Sw	35%	2041	* *	5		В
Tused Disc 5w	Other Observation, Extent : Moderate Location : Electrical Room Explanation : One 3000 Amps Main	, Area Affecte	ed : 100%	3		Б
Transformers	,					
Dry Type	30%	2019	\$4,200	5		В
Dry Type	70%	2034	* *	5		В
	Other Observation, Extent : Moderate Location : Electrical Room Explanation : Two1000 Kva	, Area Affecte	ed : 100%			
Switchgear / Switchboard	· ·					
Fused Disc Sw	100%	2021	\$49,200	5		В
Raceway						
Conduit	80%	2021	\$17,200	1		В
Conduit	20%	2041	* *	1		В
Panelboards	0.004	2020	#22 5 00	_	Φ200	
Molded Case Bkrs	80%	2020	\$22,700	5	\$200	В
Molded Case Bkrs	20%	2037	* *	5	\$100	В
Wiring	900/	2021	¢12.000	1		D
Thermoplastic	80%	2021	\$12,000 * *	1		В
Thermoplastic	20%	2041	* *	1		В
Motor Controllers	700/	2010	¢2.600	_		D
Locally Mounted	70%	2019	\$2,600	5		В
Locally Mounted	30%	2034	* *	5		В
Grounding Devices						
Generic Generic	100%	LIFE	* *	5	\$100	В
Stand-by Power	100/0	DII D			Ψ100	
Transfer Switches						
Automatic	100%	2034	* *	1	\$3,100	В
Generators	100/0				40,100	
Diesel	100%	2030	* *	1	\$3,900	В
	Other Observation, Extent : Moderate Location : Outside The Building Explanation : One 80 Kva	, Area Affecte	ed : 100%			
Batteries						
Lead/Acid	100%	2015	\$600	5	\$400	В

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

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

Asset #: 2405

Electrical	Current Repair	Futur	e Replacement	M						
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code				
Stand-by Power										
Fuel Storage										
Main Tank	100%	2049	* *	5	\$300	В				
Lighting										
Interior Lighting										
Fluorescent	85%	2021	\$28,700	10	\$8,000	В				
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%							
	Location: Throughout The Building									
	Explanation: Using T-12 Lamps									
Fluorescent	10%	2026	* *	10	\$900	В				
	Other Observation, Extent: Moderate, Area Affected: 100%									
	Location : First Floor									
	Explanation: Using T-8 Lamps									
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 Affe	ected : 100%							
	Location: Building Exterior	•••								
	Explanation: At Front And Back Doo	rs Only								
Fire/Smoke Detection										
No Component	20%					D				
Generic	80%	2026	* *	1-3	\$5,000	В				

Mechanical	Current Repair	Future Re	placement	Ma		
ystem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	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.

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

Asset #: 2405

Mechanical	C	urrent Repair	Futur	e Replacement	M	aintenance	
System Component Type	7	nil Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Terminal Devices							
Convector/Radiator	60%		2026	* *	1	\$2,000	В
Unit Heater-Stm/HW	40%		2021	\$3,700	4	\$400	В
Air Conditioning	,			42,700	-	Ψ.00	
Energy Source							
Electricity	100%		2029	* *	1		В
Conversion Equipment							
Ext Pkg Unit -	20%		2021	\$15,300	2	\$100	В
Heating/Cooling				,,-		+	
Window/Wall Unit	40%		2016	\$9,600	1		В
No Component	40%			1 - 1 - 1			D
r		vation, Extent : Light, Area	Affected	: 0%			
		2nd Floor Electrical Room	55				
	Explanation	n : There Is No Ventilation	For Elec	trical Room			
Ventilation							
Distribution							
Ductwork/Diffusers	100%	0-2 \$600	LIFE	* *	2-5	\$5,700	В
	Needs Clean	ing, Extent : Moderate, Are	a Affecte	ed : 100%			
	Location:	Throughout					
Exhaust Fans							
Roof	100%		2021	\$9,200	2	\$300	В
Plumbing						<u> </u>	
H/C Water Piping							
Brass/Copper	100%		2031	* *	1		В
Water Heater							
Gas Fired	100%		2019	\$2,700	2	\$200	В
Sanitary Piping						<u> </u>	
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В
Fire Suppression							
Standpipe							
Generic	100%		2031	* *	1-5	\$5,200	В
Sprinkler						. , -	
Generic	100%		2031	* *	1-2	\$2,900	В

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

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

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

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

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



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

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

Asset #: 4438

chitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
erior								
Exterior Walls Concrete Masonry Unit	Location	Cracks, Ex 1 : East Fac	\$29,100 tent : Moderate, Ar vade, West Facade ont : Moderate, Are			5	\$2,600	A
		ı : East Fac		33				
Masonry: Brick Metal Panel Metal Coiling Doors	10% 5% 10%			LIFE 2042 2035	* * * * * * * * * * * * * * * * * * * *	5 5-10 5	\$4,200 \$14,500 \$13,200	A A A
Stucco Cement	65% Broken/M Location Cracking/	n : At North Crumbling,	\$85,900 eents, Extent : Mode east Corner Extent : Moderate	2027 erate, Ar	* * rea Affected : 5%	5	\$34,300	A
	Location	ı : Through	out					
Windows Aluminum	75%			2038	* *	5	\$2.700	٨
Steel	25% Air Infiltro Location Broken/M Location	ation, Exter 1 : Garage issing Elem 1 : Garage	\$71,800 nt : Moderate, Area nents, Extent : Mode extent : Moderate, A	2047 Affected erate, Ar	* * 1 : 50% rea Affected : 50%	5 5	\$3,700 \$7,700	A A
	Location	ı : Garage						
Parapets Cast Stone/Terra Cotta	Location	r Miss/Eroo ı : Coipng	\$4,600 d, Extent : Moderat d, Extent : Modera			5	\$2,000	A
	Location	ı : Coping						
Concrete Masonry Unit Metal Panel	30% 5%			LIFE 2042	* *	5 5	\$1,700 \$1,000	A A
Stucco Cement	60%			2027	* *	5	\$8,000	A
Roof Modified Bitumen	Location	on Func/Mi 1 : West Fac						A
	Location		xtent : Moderate, A	леа Ађе	ciea : 10%			

Interior

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

Asset #: 4438

Architecture	Curre	nt Repair	Futur	e Replacement	M	aintenance		
ystem Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
terior								
Floors								
Cast in Place Concrete	45% Now	\$177,200	LIFE	* *	5	\$25,600	C	
	_	ng, Extent : Severe, A gency Response Area	rea Affec	ted : 50%				
	Loose/Delam Surf	ace, Extent : Severe, A	Area Affe	cted : 50%				
	Location : Emer	gency Response Area						
	Uneven Surface, E	xtent : Severe, Area A	Affected :	50%				
	Location : Emer	gency 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	\$20,000	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							
	Uneven Surface, Extent : Moderate, Area Affected : 50%							
	Location: Emergency Response Area							
Vinyl Tile	11%		2022	\$27,100	3	\$1,100	С	
Vinyl Tile	30%		2027	**	3	\$3,900	Č	
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	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2022	\$1,600	5	\$100	В
	Other Observation, Extent: Moderate, A	Area Affe	cted : 100%			
	Location : Electrical Room					
	Explanation: No Rating Available					
Switchgear / Switchboard						
Fused Disc Sw	80%	2022	\$15,800	5	\$100	В
Fused Disc Sw	20%	2042	* *	5		В
Raceway						
Conduit	80%	2022	\$17,200	1		В
Conduit	20%	2042	* *	1		В

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

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

Asset #: 4438

Electrical	Current Repa	air Future	Replacement	Maintenance		
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						•
Panelboards						
Fused Disc Sw	10%	2030	* *	5	\$100	В
Molded Case Bkrs	60%	2021	\$10,100	5	\$400	В
Molded Case Bkrs	20%	2038	* *	5	\$100	В
Molded Case Bkrs	10%	2030	* *	5	\$100	В
Wiring						
Thermoplastic	80%	2022	\$12,000	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
Lighting						
Interior Lighting						
Fluorescent	60%	2022	\$23,000	10	\$9,600	В
	Other Observation, Exter Location : Throughout Explanation : T-12 Lan	The Building	ted : 100%			
Fluorescent	10%	2027	* *	10	\$1,600	В
Tidorescent	Other Observation, Exter		ted : 100%	10	Ψ1,000	D
	Location : Telemetry Se					
	Explanation: T-8 Lamp					
HID	30%	2022	\$3,200	10	\$200	В
	30%	2022	\$5,200	10	\$200	Д
Egress Lighting Exit, Service	750/	2027	* *	1		D
*	75% 25%		* *	1	\$200	В
Exit, Battery	25%	2027	~ ~	10	\$300	В
Exterior Lighting	1000/	2017	Φ1 400	10	#100	D
HID	100%	2017	\$1,400	10	\$100	В
Alarm						
Fire/Smoke Detection	0.004					-
No Component	90%	-04-	4		**	D
Generic	10%	2022	\$26,000	1-3	\$1,400	В

Mechanical	C	Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

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

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

Asset #: 4438

Mechanical	Current Rep	Current Repair Fu			M	Maintenance	
System Component Type	% of Fail Date E Total (Years)	Sstimated Cost Ye		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating		•					
Energy Source							
Electricity	5%	20		* *	1		В
Natural Gas	95%	20	32	* *	1		В
Conversion Equipment							
Furnace	95%	20		\$22,900	1	\$8,200	В
	Other Observation, Exte	0 00					
	Location: 2 Units Are	_	The .	Roof			
	Explanation : Total - 2					* 400	
Radiant Heater	5%	20:	22	\$4,300	2	\$400	В
Air Conditioning							
Energy Source	1000/	20	20	* *	1		D
Electricity	100%	20	30		1		В
Conversion Equipment Ext Pkg Unit -	50%	20	22	\$64,900	2	\$500	В
Heating/Cooling	30%	20.	22	\$04,900	2	\$300	Ь
ricating/Cooming	Other Observation, Exte	ent : Light, Area Affed	rted :	100%			
	Location : Roof	210, 121, 111, 111, 111, 111, 111, 111,		10070			
	Explanation: 4 Units						
Window/Wall Unit	10%	20	17	\$4,000	1		В
No Component	40%	20	1 /	Ψ+,000	1		D
Ventilation	1070						
Distribution							
Ductwork/Diffusers	100% Now	\$3,400 LII	FE	* *	2-5	\$9,700	В
	Leak Evident, Extent : N	Aoderate, Area Affect	ed : 5	5%			
	Location : Water Leak	ting To 1st Fl. From V	Water	r Heater Vent			
Exhaust Fans							
Roof	90%	20	17	\$14,100	2	\$500	В
Wall Unit	10%	20	17	\$3,000	2	\$100	В
Plumbing							
H/C Water Piping							
Brass/Copper	100%	20	32	* *	1		В
Water Heater	400-	•	• •		_	**	_
Gas Fired	100%	20:	20	\$4,600	2	\$300	В
Sanitary Piping	1000/	* **		ate ate			-
Cast Iron	100%	LII	rE	* *	1		В
Storm Drain Piping	1000/	7 71		* *	1		D
Cast Iron	100%	LII	rE	* *	1		В
Backflow Preventer	1000/	20	17	¢1 000	1	¢1 100	D
Generic	100%	20	1 /	\$1,900	1	\$1,100	В
Fixtures Generic	100%						В
	10070						ט
Fire Suppression Sprinkler							
Generic	100%	20	32	* *	1-2	\$4,900	В
Generic	100/0	20.	J2		1.7	Ψ+,700	ע

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

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

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

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

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

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

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

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 7067 Lot : 252 BIN : 5851738

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

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



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

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

Asset #: 13581

chitecture	Current Repair		Futur	e Replacement	Maintenance		
stem Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
erior							
Exterior Walls					_	4.00	
Glass Block	2%	Ø11 500	LIFE	* *	5	\$300	A
Masonry: Brick	83% 2-4	\$11,500	LIFE		5	\$17,200	A
	Location : Perim	ated, Extent : Modero	ale, Area	Affectea : 100%			
Maral Calling Dagge	-		20.40	* *		¢4.000	
Metal Coiling Doors	15% 4+ Deformed/Dented, Location: Through	\$3,800 Extent : Light, Area ghout	2040 Affected		5	\$4,800	A
Windows							
Aluminum	100%		2045	* *	5	\$500	A
Parapets	100-1					* 4 * * * * * * * * * * * * * * * * * *	
Metal Rail	100%		2040	* *	5-10	\$43,800	A
Roof Modified Bitumen	Location : Throu	_					A
	Blisters, Extent: M. Location: Throu	Ioderate, Area Affect ghout	ed : 10%				
	Recent Repair Evid Location : Throu	lent, Extent : Light, A ghout	Area Affe	cted : 30%			
erior Floors							
Cast in Place Concrete	40%		LIFE	* *	5	\$21,500	С
Ceramic Tile	10% 0-2	\$2,700	2036	* *	5	\$1,200	C
	Cracking/Crumblin Location: Kitche	ng, Extent : Severe, A en	rea Affec	eted : 20%			
Sheet Vinyl/Rubber	20%		2031	* *	5	\$7,400	С
Vinyl Tile	30%		2031	* *	3	\$2,800	C
Interior Walls							
Cast in Place Concrete	15%		LIFE	* *			C
Concrete Masonry Unit	70% 2-4	\$10,200	LIFE	* *	5	\$5,400	C
	Diagonal Cracks, I Location : Throu	Extent : Moderate, A ghout Cellar	rea Affec	ted : 10%			
Glass Block	5%		LIFE	* *			С
Gypsum Board	10%		LIFE	* *	5	\$1,200	C
Ceilings							
Exposed Concrete	30% 2-4	\$5,700	LIFE	* *	5	\$1,200	В
	· ·	Extent : Moderate, A ghout Cellar Ceiling		ted : 5%			
Exposed Struc: Steel	40%		LIFE	* *			В
Gypsum Board	5%		LIFE	* *	5	\$1,500	В
Metal Panel	25% 0-2	\$29,800	LIFE	* *	5	\$7,700	В
	Water Penetration, Location: Kitche	Extent : Moderate, A					

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

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

Asset #: 13581

Electrical	Current F	Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts			•				•
Service Equipment							
Fused Disc Sw	75% 4+	\$500	2043	* *	5		В
	Suspect Water Dama, Location: Electrica Other Observation, E Location: Electrica Explanation: One I	al Room Extent : Light, Area al Room	Affected :	100%			
Pl		Electrical Service r		**			D.
Photovoltaic Panel(s)	25%		2032		1		В
	Other Observation, E	_	Affectea :	100%			
	Location : Basemen		1.0	D C DI . I		. 01 17	
	Explanation : Photo Electric Room In Bo		served On	Roof . Photovolta	іс Едиір	ment Observed In	
Switchgear / Switchboard	Electric Room in Do	isemeni					
Fused Disc Sw	100%		2043	* *	5	\$100	В
Raceway	10070		2043			Ψ100	
Conduit	100%		2043	* *	1		В
Panelboards	10070		2043		1		
Molded Case Bkrs	100%		2039	* *	5	\$400	В
Wiring	10070		2039			\$ 4 00	
Thermoplastic	100%		2043	* *	1		В
Motor Controllers	10070		2013				
Locally Mounted	100%		2036	* *	5	\$100	В
Locally Woulded	Other Observation, E	Extent · Lioht Area		100%	3	Ψ100	Ъ
	Location : 1st Floor		rijjeerea .	100/0			
	Explanation : (3) O		erators				
Ground	Expression: (5) 6	remeda Boor ope	raiors				
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	В
Somerie	Other Observation, E	Extent : Light, Area		100%	Ü	42 00	2
	Location : Water M		33				
	Explanation : Conn	ected With Main W	Vater Pipe				
Stand-by Power	1		1				
Transfer Switches							
Automatic	100%		2036	* *	1	\$5,100	В
Generators						·	
Diesel	100%		2032	* *	1	\$6,400	В
	Other Observation, E Location : Exterior Explanation : 80 Ky	Rear Yard	Affected :	100%			
Batteries							
Lead/Acid	100%		2017	\$600	5	\$600	В
	Other Observation, E Location : Exterior	_	Affected :	100%			
	Explanation: Withi	n Generator Enclo	sure				

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

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

Asset #: 13581

Electrical	Current Repair	Future	Replacement	Maintenance		
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	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	rea 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 Repair		Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimate (Years)	ed Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	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	\$500	В
Unit Heater-Stm/HW	20%	Now \$2	24,100	2033	* *	4	\$300	В
	Unit Inope	rable, Extent : Sever	e, Area Aj	fected :	100%			
	Location	: Apparatus Area						
	Other Obs	ervation, Extent : Sev	ere, Area	Affecte	d : 100%			
	Location	: Apparatus Area						
	Explana	ion : Not Functioning	g					
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	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.

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

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

Asset #: 13581

Mechanical		Current Repair		Futur	Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	50%			2028	* *	2	\$500	В
Split Unit	5%			2023	\$4,300			В
Window/Wall Unit	5%			2021	\$1,900	1		В
No Component	40%							D
Distribution								
Ductwork/Diffusers	60%			LIFE	* *	2	\$12,800	В
No Component	40%							D
Heat Rejection								
Air Condenser Unit	5%			2028	* *	2	\$600	В
No Component	95%							D
Ventilation Pentilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$4,600	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
		Other Observation, Extent : Light, Area Affected : 100%						
			lechanical Room					
	Explana	tion: Two	75 Gallon Water H	eaters				
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
		pair Evider 1 : Through	ıt, Extent : Light, A out	rea Affe	cted : 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 Fount	iin Not Operating			

Fire Suppression

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

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

Asset #: 13581

Mechanical	Current Repa	air Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fire Suppression Sprinkler						
No Component	60%					D
Generic	40%	2049	* *	1-2	\$1,800	В
	Other Observation, Exten	nt : Light, Area Affected	: 40%			
	Location : Cellar					
	Explanation : Cellar Fu	ılly Sprinkled				
Chemical System						
Wet	100%	2022	\$26,400	1-3	\$46,700	В
	Other Observation, Exten	nt : Light, Area Affected	: 100%			
	Location: Kitchen					
	Explanation : Over Ran	ige				

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

Asset Name : ENGINE CO. 265/LADDER CO. 121 BATTALION 47/EMS STATION 47

Address : 303 BEACH 49 STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : FIRSECO.121 / 4525 Yr Built/Renovated : 2004 /

Area Sq Ft : 20,000 Project Type : FIRE DEPARTMENT

Date of Survey : 07-Sep-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 15840 Lot : 1 BIN : 4855430

CAPITAL

Total

Priority

Total

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



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

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

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

Asset #: 4525

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	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	A
Windows								
Aluminum	100%			2047	* *	5	\$500	A
Parapets								
Masonry: Brick	70%			LIFE	* *	5	\$1,700	A
Metal Cornice	10%			2062	* *	10	\$800	A
			xtent : Light, Area	Affected	: 100%			
	Location	ı : Through	out					
	Explana	tion : This l	s The Coping					
Metal Rail	20%			2042	* *	5-10	\$8,800	A
Roof								
Metal Panel	20%			2042	* *	10	\$9,300	A
Modified Bitumen	30%			2032	* *	10	\$7,600	A
Plaza Roof: Stone Panels	50%			2052	* *			A
Interior								
Floors								
Cast in Place Concrete	60%			LIFE	* *	5	\$32,300	C
Ceramic Tile	5%			2037	* *	5	\$1,200	C
Quarry Tile	2%			2042	* *	5	\$700	C
Vinyl Tile	33%			2032	* *	3	\$3,000	C
Interior Walls								
Ceramic Tile	5%			2037	* *	5	\$1,000	C
Concrete Masonry Unit	20%			LIFE	* *	5	\$1,600	C
Gypsum Board	75%			LIFE	* *	5	\$8,700	C
Ceilings								
AcousTileSusp.Lay-In	30%			2042	* *	5	\$7,400	В
Exposed Struc: Steel	60%			LIFE	* *			В
Gypsum Board	10%			LIFE	* *	5	\$3,100	В

Electrical	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estima	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2042	* *	5	\$100	В
	Other Observation, Extent: Modera	ite, Area Affected : 1	00%			
	Location : Electrical Room					
	Explanation: Two 400 Amps Mai	n Disconnect 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.

^{**} 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	Estimated Cost	Cycle (Yrs)	Estimated Cost	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. I.	2027		10	\$15,000	В
		, Extent : Moderate, A	Area Affe	ctea : 100%			
	Location: Throu	_					
	Explanation: Us	ing I-8 Lamps					
Egress Lighting	500 /		2025	مات مات			ъ
Emergency, Service	50%		2027	* *	1		В
Exit, Service	50%		2027	* *	1		В
Exterior Lighting	1000/		2025		4.0	4.22	
HID	100%		2027	* *	10	\$100	В
Lightning Protection							
Arresters/Cabling	400		2075	a ·	_	* = 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	Estimated Cost	Cycle (Yrs)	Estimated Cost	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.

^{**} 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 F	Repair	Futur	e Replacement	ent Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Conversion Equipment				2020	de de		# 4.000	
Furnace	60%			2030	**	1	\$4,900	В
	Location		Extent : Light, Area	Ајјестеа	: 00%			
		-	of Top Units					
Hot Woton Doilon	40%		oj Top Uniis	2039	* *	1	\$3,200	D
Hot Water Boiler			Extent : Light, Area			1	\$3,200	В
		servanon, E n : Boiler R	_	Ајјестеи	. 4070			
		n . Botter K tion : 1 Uni						
Terminal Devices	Елрини	iiion . 1 Oni	ı					
Unit Heater-Stm/HW	40%			2030	* *	4	\$600	В
No Component	60%			2030		•	φοσο	D
Air Conditioning	3070							
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								
			Extent : Light, Area	Affected	: 60%			
	Location							
	Explana	ition : 6 Rtu	S					
No Component	20%	1						D
Heat Rejection								
Air Condenser Unit	20%			2030	* *	2	\$2,300	В
No Component	80%							D
Ventilation								
Distribution								_
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$9,100	В
Exhaust Fans	1000/			2020	ale ale	2	Φ.5.0.0	ъ
Roof	100%			2030	* *	2	\$500	В
Plumbing								
H/C Water Piping Brass/Copper	100%			2048	* *	1		В
Water Heater	100%			2048		1		D
Water Heater Gas Fired	100%			2021	\$4,300	2	\$200	В
Sanitary Piping	10070			2021	Ψ+,500		Ψ200	
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping	100/0			LH L		1		
Cast Iron	100%			LIFE	* *	1		В
Backflow Preventer	100/0							
Generic	100%			2030	* *	1	\$1,000	В
Fixtures	7 0						+-,~ 30	
Generic	100%							В

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

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

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

Asset Name : FIRE ACADEMY ADMINISTRATION BLDG #9

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 40,432 Project Type : FIRE DEPARTMENT

Date of Survey : 18-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,M

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

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



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

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

Asset #: 131

Current Repair	Future Replacement	M	aintenance	
% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
200/ N	T TIPE	_	φ1 .21 .200	
Caulking Deteriorated, Extent : Moder Location : At Junction Of Metal Tunn	ate, Area Affected : 0% el And Concrete At Auditor		\$121,300	A
Location : At Auditorium Exit				
Location: Throughout		5	\$30,300	A
Location : Throughout Water Penetration, Extent : Severe, Ard	-			
	and the state of t		*== 000	
Corrosion/Rusting, Extent: Moderate, Location: Along Wall Base Caulking Deteriorated, Extent: Moder Location: Along Wall Base Water Penetration, Extent: Moderate,	Area Affected : 10% ate, Area Affected : 50% Area Affected : 50%	5	\$75,800	A
Air Infiltration, Extent : Moderate, Are Location : Throughout	a Affected : 40%	5	\$6,900	A
	ere, Area Affected : 40%			
_	, Area Affected : 40%			
-				
Location : At Corridor Adjacent To V Gut/DS Non Func/Miss, Extent : Mode	Vall rate, Area Affected : 50%			A
	30% Now \$155,800 Caulking Deteriorated, Extent: Moderate, Location: At Junction Of Metal Tunn Water Penetration, Extent: Moderate, Location: At Auditorium Exit 20% Now \$588,200 Broken/Missing Elements, Extent: Severe, Location: Throughout Corrosion/Rusting, Extent: Severe, Are Location: Throughout Caulking Deteriorated, Extent: Severe, Location: Throughout Water Penetration, Extent: Severe, Are Location: Throughout 50% Now \$159,300 Corrosion/Rusting, Extent: Moderate, Location: Along Wall Base Caulking Deteriorated, Extent: Moderate, Location: Along Wall Base Water Penetration, Extent: Moderate, Location: At Corridor Adjacent To Water 100% Now \$657,600 Air Infiltration, Extent: Moderate, Are Location: Throughout Broken/Missing Elements, Extent: Severe Location: Throughout Ctrwt/Balnc Not Funct, Extent: Severe Location: Throughout 100% Now \$711,900 Corrosion/Rusting, Extent: Light, Area Location: At Corridor Adjacent To Water Location: At C	30% Now \$155,800 LIFE ** Caulking Deteriorated, Extent: Moderate, Area Affected: 0% Location: At Junction Of Metal Tunnel And Concrete At Auditors Water Penetration, Extent: Moderate, Area Affected: 10% Location: At Auditorium Exit 20% Now \$588,200 LIFE ** Broken/Missing Elements, Extent: Severe, Area Affected: 75% Location: Throughout Corrosion/Rusting, Extent: Severe, Area Affected: 60% Location: Throughout Caulking Deteriorated, Extent: Severe, Area Affected: 75% Location: Throughout Water Penetration, Extent: Severe, Area Affected: 75% Location: Throughout Sow Now \$159,300 2034 ** Corrosion/Rusting, Extent: Moderate, Area Affected: 10% Location: Along Wall Base Caulking Deteriorated, Extent: Moderate, Area Affected: 50% Location: Along Wall Base Water Penetration, Extent: Moderate, Area Affected: 50% Location: At Corridor Adjacent To Wall 100% Now \$657,600 2049 ** Air Infiltration, Extent: Moderate, Area Affected: 40% Location: Throughout Broken/Missing Elements, Extent: Severe, Area Affected: 40% Location: Throughout Ctrwt/Balnc Not Funct, Extent: Severe, Area Affected: 40% Location: Throughout	Now \$155,800 LIFE ** 5	Now \$155,800 LIFE ** 5 \$121,300

Interior

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

Asset #: 131

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
nterior									
Floors	1.50/	0.2	¢1.6.200	2022	¢ 40, 000	2	¢10.400	C	
Carpet		0-2 ded, Extent a : Through	\$16,300 : Moderate, Area I out	2023 Affected .	\$40,800	3	\$10,400	С	
Cast in Place Concrete	13%	Now	\$4,600	LIFE	* *	5	\$13,200	С	
	U	0.	Extent : Severe, A tlement At Front Er	55	eted : 5%				
Ceramic Tile	2%			2033	* *	5	\$900	С	
Vinyl Tile	50%			2029	* *	3	\$8,700	C	
Vinyl Tile	15%			2032	* *	3	\$2,600	C	
		stallation, E 1 : Through	Extent : Light, Area out	Affected	! : 100%				
Wood	5%			2059	* *	5	\$4,300	С	
Interior Walls									
Cast in Place Concrete	_		\$38,600 Extent : Severe, A	LIFE rea Affec	* * eted : 3%			С	
Ceramic Tile	5%	2-4	\$17,400	2033	* *	5	\$1,500	С	
		Crumbling, i: Through	Extent : Light, Are		ed : 10%		+ -,		
Concrete Masonry Unit	_	2-4 Cracks, Ex a : Through	\$123,200 tent : Light, Area A out	LIFE ffected :	**	5	\$13,100	С	
Gypsum Board	_	2-4 Crumbling, 1 : Through	\$27,000 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$8,900	С	
Masonry: Brick	5%			LIFE	* *	10	\$900	С	
Metal Panel	5% Corrosion	2-4 /Rusting, E a : Through	\$2,800 Extent : Light, Area out	LIFE Affected	**: 10%			С	
Ceilings						_		_	
AcousTileConcealSpLn	Cracking/	2-4 Crumbling, a : Through	\$1,800 Extent : Light, Are out	2029 ea Affecte	* * ed : 10%	5	\$1,400	В	
AcousTileSusp.Lay-In		2-4 Crumbling, 1 : Through	\$3,800 Extent : Light, Are out	2037 ea Affecte	* * ed : 20%	5	\$5,800	В	
Exposed Struc: Steel	Location	: Through				10	\$64,800	В	
			xtent : Light, Area oor Corridor	Affected	: 10%				

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

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

Asset #: 131

Electrical	Current Repair	Futur	e Replacement	M	aintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Under 600 Volts								
Service Equipment								
Fused Disc Sw	70%	2024	\$20,000	5	\$100	В		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Electrical Room							
	Explanation: One 4000 Amps And O	ne 1200 A	Amps Main Disconr	iect Swit	ch			
Fused Disc Sw	30%	2034	* *	5		В		
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%					
	Location: Electrical Room							
	Explanation: One 1200 Amps Main I	Disconnec	ct Switch For Emer	gency				
Transformers								
Dry Type	100%	2029	* *	5	\$100	В		
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%					
	Location: Electrical Room							
	Explanation: One 112.5 Kva 220v Pr	rimary - 4	80/277v Secondary	,				
Switchgear / Switchboard								
Fused Disc Sw	75%	2024	\$66,700	5	\$100	В		
Fused Disc Sw	20%	2034	* *	5		В		
Molded Case Bkrs	5%	2054	* *	5		В		
Raceway								
Conduit	85%	2024	\$50,600	1		В		
Conduit	10%	2034	* *	1		В		
Conduit	5%	2054	* *	1		В		
Panelboards								
Fused Disc Sw	10%	2023	\$6,700	5	\$100	В		
Molded Case Bkrs	85%	2023	\$57,300	5	\$700	В		
Molded Case Bkrs	5%	2049	* *	5		В		
Wiring								
Thermoplastic	10%	2034	* *	1		В		
Thermoplastic	85%	2024	\$51,500	1		В		
Thermoplastic	5%	2054	* *	1		В		
Motor Controllers								
Locally Mounted	10%	2029	* *	5		В		
Motor Control Center	90%	2022	\$61,900	5	\$800	В		
Ground			1 - 7					
Grounding Devices								
Generic	100%	LIFE	* *	5	\$1,000	В		
Stand-by Power					. , ,			
Transfer Switches								
Automatic	50%	2022	\$5,200	1	\$5,100	В		
Under Construction	50%		,		,	D		
Generators								
Diesel	50%	2020	\$33,700	1	\$6,400	В		
	Other Observation, Extent : Moderate,			-	+-,.50	•		
	Location : Generator Room	33 -						
	Explanation: One 281 Kva							
Under Construction	50%					D		
Chaci Construction	3070					ע		

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

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

Asset #: 131

Electrical	Current Repair	Futur	e Replacement	Ma	aintenance			
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
tand-by Power								
Batteries								
Lead/Acid	50%	2015	\$300	5	\$600	В		
Under Construction	50%					D		
Fuel Storage				_		_		
Day Tank	100%	2023	\$2,600	5	\$5,700	В		
	Other Observation, Extent:	Moaerate, Area Affe	ctea : 100%					
	Location: Underground	rala						
ighting	Explanation: One 2500 G	rais						
Interior Lighting								
Fluorescent	15%	2029	* *	10	\$4,300	В		
Tuoreseem	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location : Throughout The Building							
	Explanation: T-5 Lamps	Ü						
Fluorescent	55%	2019	\$85,400	10	\$15,600	В		
	Other Observation, Extent:				, -,			
	Location: Throughout Th	e Building						
	Explanation: T-12 Lamps							
Fluorescent	30%	2029	* *	10	\$8,500	В		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Throughout The Building							
	Explanation: T-8 Lamps							
Egress Lighting								
Emergency, Service	35%	2019	\$1,800	1		В		
Emergency, Service	30%	2029	**	1		В		
Exit, Service	35%	2019	\$1,800	1		В		
Exterior Lighting	1000/	2010	¢12.700	10	ф1 0 0	D		
HID	100%	2019	\$13,700	10	\$100	В		
larm Security System								
Generic	100% Now	\$113,500 2034	* *	1	\$11,100	В		
Generic	Devices Damaged, Extent:		1 : 100%	1	Ψ11,100	Ъ		
	Location: Throughout The							
Fire/Smoke Detection		U						
Generic Generic	100% Now	\$388,600 2034	* *	1-3	\$18,600	В		
	Devices Damaged, Extent:		d: 100%	-	, , 0	_		
	Location : Throughout Th							

Mechanical	Curre	nt Repair	Futu	re Replacement	М	aintenance	
System Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Fuel Oil No 2	100%		2034	* *	5	\$9,600	В

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

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

Asset #: 131

Mechanical		Current F	lepair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating									
Conversion Equipment									
Hot Water Boiler	100%			2041	* *	1	\$15,300	В	
			ent, Extent : Light,	Area Affe	ected : 100%				
		a : Boiler Ro		A CC . 1	1000/				
			xtent : Light, Area	Аဌјестеа	: 100%				
		i : Boiler Ro							
Distribution	Ехріапа	tion : 2 Uni	<i>ts</i>						
Hot Wtr Piping/Pump	100%			2032	* *	4	\$2,300	В	
Terminal Devices	10070			2032		-	\$2,300	ъ	
Air Handler	70%			2032	* *	1	\$13,400	В	
Convector/Radiator	30%			2029	* *	1	\$3,000	В	
Air Conditioning	3070			2027			Ψ5,000	ע	
Energy Source									
Electricity	100%			2032	* *	1		В	
Conversion Equipment									
Reciprocating	100%			2032	* *	1	\$14,400	В	
Compr/Chiller							7-1,100		
•	R-134a Re	efrigerant, I	Extent : Light, Area	ı Affected	l : 100%				
	Location	: Court Ya	rd						
Distribution									
Chilled Wtr Pipe/Pump	100%			2050	* *	4	\$1,500	В	
Terminal Devices									
Air Handler/Cool/Ht	100%			2032	* *	1	\$19,200	В	
Heat Rejection									
Air Condenser Unit	100%			2032	* *	2	\$21,600	В	
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$27,300	В	
Exhaust Fans						_		_	
Roof	100%			2024	\$27,900	2	\$1,000	В	
Plumbing									
H/C Water Piping	1000			2024	* *	,		ъ	
Brass/Copper	100%			2034	* *	1		В	
Water Heater	1000/			2022	ØF 400	1	\$200	D	
Electric	100%			2023	\$5,400	4	\$300	В	
Sanitary Piping	1000/			ם מודן	* *	1		D	
Cast Iron	100%			LIFE	-1- sh	1		В	
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		В	
Fixtures	100%			LIFE		1		ט	
Generic	100%							В	
Fire Suppression	10070							ע	
Standpipe									
Generic	100%			2034	* *	1-5	\$15,600	В	
Sprinkler	100/0			2037		1-5	Ψ13,000	ע	
Generic	100%			2034	* *	1-2	\$8,700	В	
Generic	100/0			20JT		1.'2	ψ0,700	ע	

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

^{**} 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

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

Asset Name : FIRE ACADEMY BURN BUILDING #5

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.013 / 13554 Yr Built/Renovated : 2003 /

Area Sq Ft : 6,083 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 1819 Lot : 40 BIN : 1085912

CAPITAL

Total

Priority

Total

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



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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY BURN BUILDING #5

Asset #: 13554

Architecture		Current Repair	Future Replacement Maintenar		aintenance	ice		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%		LIFE	* *	5	\$6,600	Α	
	Other Obs	ervation, Extent : Light, Area	a Affected	l : 100%				
	Location	: Throughout						
	Explana	tion : 2 Story Bldg, No Basen	nent					
Masonry: Brick	95%		LIFE	* *	5	\$25,200	A	
Windows								
Aluminum	50%		2040	* *	5	\$200	A	
Metal Louvers	50%		2033	* *	10	\$1,200	A	
Parapets								
Not Accessible	100%						D	
Roof								
Modified Bitumen	100%		2029	* *	10	\$6,800	A	
Interior								
Floors								
Cast in Place Concrete	100%		LIFE	* *	5	\$32,600	C	
Interior Walls								
Cast in Place Concrete	20%		LIFE	* *	10	\$3,200	C	
Concrete Masonry Unit	80%		LIFE	* *	5	\$4,000	C	
Ceilings								
Exposed Concrete	100%		LIFE	* *	5-10	\$9,300	В	

Electrical	Current Rep	oair Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Ex Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Raceway						
Conduit	100%	2034	* *	1		В
Panelboards						
Molded Case Bkrs	100%	2032	* *	5	\$100	В
Wiring						
Thermoplastic	100%	2034	* *	1		В
Motor Controllers						
Locally Mounted	100%	2029	* *	5		В
Lighting						
Interior Lighting						
Fluorescent	100%	2024	\$11,000	10	\$4,600	В
	Other Observation, Exte	nt : Moderate, Area Affe	ected : 100%			
	Location: Throughout					
	Explanation: Using C	ompact Flourescent Lan	ıps			
Exterior Lighting						
HID	100%	2024	\$300	10		В

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

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

Estimates are rounded to the nearest hundred dollars.

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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY BURN BUILDING #5

Asset #: 13554

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

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

Asset Name : FIRE ACADEMY CLASSROOM BLDG. #11

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.011 / 13552 Yr Built/Renovated : 2003 /

Area Sq Ft : 39,768 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,3,4

Block : 1819 Lot : 40 BIN : 1085910

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

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



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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY CLASSROOM BLDG. #11

Asset #: 13552

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	\$57,400	A
Metal Panel	35%			2044	* *	5-10	\$138,100	A
Window Wall	15%			2044	* *	5	\$32,300	A
Windows								
Aluminum	100%			2040	* *	5	\$10,900	A
Parapets								
Concrete Masonry Unit	95%			LIFE	* *	5-10	\$33,400	A
Metal Rail	5%			2037	* *	5-10	\$5,800	A
Roof								
IRMA/Protected	100%			2029	* *	10	\$24,300	A
Membrane								
Interior								
Floors								
Carpet	5%			2023	\$14,300	3	\$3,700	C
Cast in Place Concrete	10%			LIFE	* *	5	\$21,300	C
Ceramic Tile	5%			2033	* *	5	\$2,400	C
Vinyl Tile	80%			2029	* *	3	\$14,600	C
Interior Walls								
Concrete Masonry Unit	45%			LIFE	* *	5	\$9,500	C
Gypsum Board	35%			LIFE	* *	5-10	\$15,800	C
Masonry: Brick	13%			LIFE	* *	10	\$1,000	C
Metal Panel	7%			LIFE	* *	10	\$800	C
Ceilings								
AcousTileSusp.Lay-In	35%			2037	* *	5	\$17,100	В
Exposed Struc: Steel	50%			LIFE	* *	10	\$48,800	В
Metal Panel	15%			LIFE	* *	5	\$18,300	В

lectrical	Current Re	oair Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date E Total (Years)	Sstimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2044	* *	5	\$900	В
	Other Observation, Ext	ent : Moderate, Area Affe	cted : 100%			
	Location: Electrical I	Room				
	Explanation : One 120	00 Amps Main Disconnec	t Switch			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2044	* *	5	\$900	В
Raceway						
Conduit	100%	2044	* *	1		В
Panelboards						
Fused Disc Sw	10%	2040	* *	5	\$100	В
Molded Case Bkrs	90%	2040	* *	5	\$800	В
Wiring						
Thermoplastic	100%	2044	* *	1		В

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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY CLASSROOM BLDG. #11

Asset #: 13552

Electrical	Current Repair	Futur	e Replacement	Maintenance		
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts		•				•
Motor Controllers						
Locally Mounted	100%	2037	* *	5	\$200	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$1,000	В
Stand-by Power						
Transfer Switches						
Automatic	100%	2037	* *	1	\$10,000	В
Lighting						
Interior Lighting						
Fluorescent	80%	2029	* *	10	\$23,900	В
	Other Observation, Extent : Moderate Location : Throughout The Building Explanation : T-8 Lamps	, Агеа Ајје	гстеа : 100%			
Fluorescent	20% Other Observation, Extent: Moderate Location: Throughout The Building Explanation: T-5 Lamps	2029 , Area Affe	* * ected : 100%	10	\$6,000	В
Egress Lighting						
Emergency, Service	50%	2029	* *	1		В
Emergency, Battery	15%	2029	* *	10	\$1,200	В
Exit, LED	35%	2052	* *	1		В
Exterior Lighting HID	100%	2029	* *	10	\$100	В
Alarm						
Security System						
No Component	50%					D
Generic	50%	2029	* *	1	\$6,100	В
Fire/Smoke Detection	100%	2029	* *	1-3	\$20,100	В
Generic	100%	2029	-1, 4	1-3	\$20,100	Ď

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Fuel Oil No 2	100%	2044	* *	5	\$10,100	В
Conversion Equipment						
Hot Water Boiler	100%	2037	* *	1	\$16,100	В
	Other Observation, Extent : Light, Area	Affected	: 100%			
	Location: Boiler Room					
	Explanation: 2 Units - Also Serviing	Adjacent I	Building #12 As W	lell.		
Distribution						
Hot Wtr Piping/Pump	100%	2040	* *	4	\$2,400	В

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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY CLASSROOM BLDG. #11

Asset #: 13552

Mechanical	Current Repair		Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating				<u> </u>				<u> </u>
Terminal Devices								
Air Handler	80%			2029	* *	1	\$16,100	В
Convector/Radiator	20%			2037	* *	1	\$2,100	В
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		В
Conversion Equipment								
Ext Pkg Unit - Cooling	80%			2024	\$136,300	2	\$1,600	В
			Extent : Light, Area	Affected	: 100%			
	Location	-						
		tion : 2 Uni	its					
No Component	20%							D
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$28,700	В
Exhaust Fans	100%			LIFE		2-3	\$28,700	D
Roof	100%	Now	\$1,500	2024	\$29,300	2	\$800	В
Rooi			91,500 ent : Severe, Area A			2	\$600	Ь
	Location		m . Severe, mean	ујестса .	0070			
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		В
Water Heater								
Oil Fired	100%			2019	\$11,500	1	\$1,000	В
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	: Boiler R	oom					
	Explana	tion: Two	250 Gallon Tanks					
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping	400					_		-
Cast Iron	100%			LIFE	* *	1		В
Backflow Preventer	1000/			2020	* *	1	\$2,000	D
Generic	100%			2029	T T	1	\$2,000	В
Fixtures Generic	100%							В
Vertical Transport	100%							ם
Elevators								
Geared Traction	100%			LIFE	* *			C
Comed Traction		ervation, E	Extent : Light, Area		: 100%			C
	Location		<i>3 - ,</i>	00				
		tion : One l	Unit					
Fire Suppression	<u> </u>							
Sprinkler								
Generic	100%			2044	* *	1-2	\$9,100	В

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

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

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

Asset Name : FIRE ACADEMY FIRE TRAINING BLDG #3

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.020 / 1989 Yr Built/Renovated : 1975 /

Area Sq Ft : 4,150 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

CAPITAL

Total

Priority

Total

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



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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY FIRE TRAINING BLDG #3

Asset #: 1989

Architecture	Current	Repair	Future R	eplacement	М	aintenance	
ystem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior							
Exterior Walls Masonry: Brick	90% 0-2 Jnt Mortar Miss/Er Location : Pentho		LIFE te, Area Affe	* * cted : 15%	5	\$2,800	A
Metal Coiling Doors	10% 4+ Deformed/Dented, I Location: Throug		2037 Affected : 10	* *	5	\$500	A
Windows Aluminum	100% Now Bent/Warped Eleme Location : Throug Broken/Missing Ele Location : Throug	hout ments, Extent : Seve			5	\$200	A
Parapets							
Cast Stone/Terra Cotta	10% 0-2 Cracking/Crumbling Location: Throug	-	LIFE ea Affected :	* *	5	\$300	A
Masonry: Brick	90% 0-2 Jnt Mortar Miss/Erd Location : Throug	_	LIFE rea Affected	* *	5	\$300	A
Roof Skylight, Metal/Glass	3% 0-2 Broken/Missing Ele Location : Throug	hout					A
	Water Penetration, Location : Throug	Extent : Light, Area hout	Affected: 1	0%			
Traffic Topping	97% Now Cracking/Crumbling Location: Throug	_	2034 rea Affected	* *			A
	Miss/Damaged Flas Location: Main R Water Penetration, Location: Second	oof Extent : Moderate, A		-			
terior							
Floors Cast in Place Concrete	100% 2-4 Cracking/Crumbling Location: Throug	_	LIFE e, Area Affec	* * ted : 10%	5	\$11,600	C
Interior Walls							
Concrete Masonry Unit	100% 4+ Staining/Discolorin Location : Stairs Other Observation,	_			5	\$2,400	С
	Location : Stairs Explanation : Det		лгеи AJJecte	u . 2070			

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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY FIRE TRAINING BLDG #3

Asset #: 1989

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
Exposed Concrete	100%	2-4	\$29,000	LIFE	* *	5	\$600	В
-	Water Pene	etration, E.	xtent : Moderate, A	Area Affe	cted : 10%			
	Location	: Second F	Floor					

Electrical	Curr	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail I Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Raceway							
Conduit	100%		2034	* *	1		В
Panelboards							
Molded Case Bkrs	100%		2023	\$11,200	5	\$100	В
Wiring							
Thermoplastic	100%		2024	\$15,100	1		В
Lighting							
Exterior Lighting							
HID	100%		2019	\$200	10		В

Mechanical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
H/C Water Piping						
Galv Iron/Steel	10%	2029	* *	1		В
	Other Observation, Extent : Light, Are	a Affected : 10	0%			
	Location: 2 Floors					
	Explanation: For Demonstration - S	tandpipe Only	v			
No Component	90%					D
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
	Other Observation, Extent: Light, Are	a Affected : 10	0%			
	Location: 1, 2, Roof					
	Explanation: Roof Drains Only					
Fire Suppression						
Standpipe						
No Component	90%					D
Generic	10%	2034	* *	1-5	\$200	В

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

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

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

Asset Name : FIRE ACADEMY FIRST LINE SUPERVISORS BLDG #8

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

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

Date of Survey : 19-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 1819 Lot : 40 BIN :

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

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



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

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

Asset #: 1992

Architecture	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls Masonry: Brick	90% 2-4 Cracking/Crumblin Location : Throu	\$42,800 ag, Extent : Moderate	LIFE e, Area Aj	* * ffected : 20%	5	\$6,400	A
Wood Overhead Doors	10% Now Broken/Missing Ele Location: North	\$7,600 ements, Extent : Mod Facade h, Extent : Moderate,			5	\$1,800	A
Windows							
Aluminum	100% 2-4 Broken/Missing Electron : Through	\$8,600 ements, Extent : Mod ghout	2040 erate, Ar	* * ea Affected : 30%	5	\$500	A
Parapets Masonry: Brick	95% 2-4 Cracking/Crumblin Location : Throu	\$5,200 ng, Extent : Light, Ard ghout	LIFE ea Affecto	** ed : 10%	5	\$800	A
Pre-Cast Concrete	5% 2-4 Cracking/Crumblin Location: Through	\$100 ag, Extent : Light, Ara ghout	LIFE ea Affecte	** ed : 10%	5	\$300	A
Roof Modified Bitumen	100% Now Water Penetration, Location : Throu	\$5,500 Extent : Light, Area ghout	2032 Affected	**			A
Interior	·						
Floors Carpet	50% Now Punct/Tear/Impact Location : Throu	\$35,900 Damage, Extent : Se ghout	2026 vere, Are	* * ea Affected : 100%	3	\$9,200	С
Cast in Place Concrete	30% 2-4 Cracking/Crumblin Location : Through	\$5,600 ag, Extent : Light, Ara ghout	LIFE ea Affecte	* * ed : 10%	5	\$8,000	С
Ceramic Tile	5% 2-4 Cracking/Crumblin Location: Through	\$1,300 ag, Extent : Light, Ara ghout	2033 ea Affecte	* * ed : 10%	5	\$300	С
Vinyl Tile	15% Now Punct/Tear/Impact Location: Through	\$1,700 Damage, Extent : M ghout	2029 oderate, .	* * Area Affected : 10	3	\$700	С

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

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

Asset #: 1992

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Interior Walls			** ***			_	4.00	~
Ceramic Tile			\$2,000 Extent : Light, Are out	2033 ea Affecte	* * ed : 10%	5	\$300	С
Concrete Masonry Unit	60%	2-4	\$30,800	LIFE	* *	5	\$3,300	С
	_	Crumbling, 1 : Through	Extent : Light, Are out	ea Affecte	ed : 10%			
Gypsum Board	15%	2-4	\$3,700	LIFE	* *	5	\$1,200	С
		Crumbling, 1 : Through	Extent : Light, Are out	ea Affecte	ed : 10%			
SGFT/Glazed Masonry	20%	2-4	\$12,500	LIFE	* *			С
	_	Crumbling, 1 : Through	Extent : Light, Are	ea Affecte	ed : 10%			
Ceilings								
AcousTileSusp.Lay-In	60%		\$34,800	2044	* *	5	\$2,600	В
		issing Elem 1 : Meter Ro	nents, Extent : Mod 200m	erate, Ar	ea Affected : 5%			
	_	Crumbling, 1 : Room 1	Extent : Moderate	, Area Aj	ffected : 25%			
		netration, E 1 : Room 1	xtent : Moderate, A	Area Affe	cted : 10%			
Exposed Struc: Steel	25%	4+	\$9,900	LIFE	* *			В
1		/Rusting, E 1 : Through	Extent : Light, Area		: 10%			
Gypsum Board	15%			LIFE	* *	5-10	\$4,500	В

lectrical	Current Rep	air Futur	e Replacement	M	aintenance	
vstem Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2024	\$1,000	5		В
	Other Observation, Exte	nt : Moderate, Area Affe	cted : 100%			
	Location : Electrical R	Room				
	Explanation: Two 400	Amps Main Disconnect	Switch			
Switchgear / Switchboard						
Fused Disc Sw	100%	2024	\$19,800	5		В
Raceway						
Conduit	100%	2024	\$21,500	1		В
Panelboards						
Fused Disc Sw	10%	2023	\$1,100	5		В
Molded Case Bkrs	90%	2023	\$10,100	5	\$200	В
Wiring						
Thermoplastic	100%	2024	\$15,100	1		В

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

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

Asset #: 1992

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2022	\$4,200	5	\$100	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	В
Stand-by Power						
Transfer Switches						_
Automatic	100%	2022	\$10,800	1	\$2,400	В
Lighting Interior Lighting						
Fluorescent	85%	2019	\$15,300	10	\$6,400	В
	Other Observation, Extent : Moa Location : Throughout The Bui Explanation : T-12 Lamps		cted : 100%			
Fluorescent	10%	2024	\$1,800	10	\$700	В
	Other Observation, Extent : Mod Location : Garage Explanation : Using T-8 Lamps		cted : 100%			
HID	5%	2024	\$300	10		В
Egress Lighting			+300			
Emergency, Service	50%	2019	\$700	1		В
No Component	50%					D
Exterior Lighting						
Not Accessible	100%					D

Mechanical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Fuel Oil No 2	100%	2034	* *	5	\$2,500	В
Conversion Equipment						
Hot Water Boiler	100%	2029	* *	1	\$4,100	В
	Boiler Used For Hot Water, Extend	t : Light, Area Affe	ected : 100%			
	Location: Boiler Room					
	Other Observation, Extent : Light,	Area Affected : 10	00%			
	Location: Boiler Room					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2032	* *	4	\$600	В
Terminal Devices						
Air Handler	20%	2024	\$10,000	1	\$1,000	В
Convector/Radiator	70%	2029	* *	1	\$1,900	В
Unit Heater-Stm/HW	10%	2024	\$6,000	4	\$100	В

Air Conditioning

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

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

Asset #: 1992

Mechanical		Current R	lepair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		В
Conversion Equipment								
Window/Wall Unit	80%			2019	\$15,200	1		В
No Component	20%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,200	В
Exhaust Fans								
Roof	20%			2024	\$1,500	2	\$100	В
No Component	80%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2034	* *	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	\$4,100	2029	* *	4	\$1,300	В
	Broken, E.	xtent : Mod	erate, Area Affecte	d: 40%				
			ectors Located In 1 loat 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%			2034	* *	1-2	\$300	В

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

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

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

Asset Name : FIRE ACADEMY MASK SERVICE UNIT BLDG #7

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

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

Date of Survey : 19-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Interior Architecture	11 2010 2010	\$38,200
Mechanical		\$106,600
Total		\$144,700
Priority B		\$106,600
Priority C		\$38,200
Total		\$144,700

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



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

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

Asset #: 1991

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$11,700	A
Masonry: Brick	7%			LIFE	* *	5	\$1,100	A
Metal Coiling Doors	15%			2037	* *	5	\$3,700	A
Metal Coiling Doors	3%			2037	* *	5	\$700	A
Windows	000/			2040	ale ale	_	4000	À
Aluminum	80%		#1.000	2040	* *	5	\$800	A
Aluminum	20%		\$1,900	2040		5	\$100	A
		_	nents, Extent : Ligh	t, Area A	ffectea : 20%			
Doronata	Locanoi	n : Through	оит					
Parapets Masonry: Brick	80%			LIFE	* *	5-10	\$5,000	A
Masonry: Brick	8%		\$500	LIFE	* *	5	\$100	A
Wasomy. Brick			, Extent : Light, Are		ed · 10%	3	Ψ100	Λ
	_	n : Through	_	a rijjeer	cu . 10/0			
Pre-Cast Concrete	10%			LIFE	* *	5	\$1,100	A
Pre-Cast Concrete	2%			LIFE	* *	5	\$200	A
Roof								
Built-Up (BUR)	30%			2029	* *	10	\$2,500	A
	Location	n : Over Sm	Extent : Moderate, A nall Section On New d Dook					
M. 1'C' . 1 D'		tion : Wood	і Деск	2020	* *	10	Φ 5 000	A
Modified Bitumen	70%			2029	4. 4.	10	\$5,900	A
Interior Floors								
Cast in Place Concrete	50%	2-4	\$10,200	LIFE	* *	5	\$14,700	С
Cast III Trace Concrete	Cracking/		, Extent : Light, Are		ed : 20%	3	ψ14,700	C
Cast in Place Concrete	10%			LIFE	* *	5	\$5,900	С
Ceramic Tile	5%			2033	* *	5	\$700	C
Quarry Tile	5%			2037	* *	5	\$1,000	C
Vinyl Tile	30%		\$3,800		\$38,200	3	\$1,500	C
Ž	_		, Extent : Light, Are				. ,	
Interior Walls								
Concrete Masonry Unit	35%			LIFE	* *	5	\$4,200	C
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,200	C
Gypsum Board	15%			LIFE	* *	5-10	\$3,800	C
SGFT/Glazed Masonry	40%		\$13,700	LIFE	* *			C
	_	Crumbling, n : Garage	, Extent : Moderate	, Area A	ffected : 5%			

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

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

Asset #: 1991

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	30%			2041	* *	5	\$2,900	В
AcousTileSusp.Lay-In	10%	2-4	\$600	2037	* *	5	\$500	В
	Cracking/	Crumbling,	Extent: Light, Are	a Affect	ed : 20%			
	Location	: Through	out					
Exposed Struc: Steel	40%			LIFE	* *	10	\$7,700	В
Exposed Struc: Steel	10%			LIFE	* *	10	\$1,900	В
Gypsum Board	10%			LIFE	* *	5-10	\$3,300	В

Electrical		Current Repair			e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts	•							•
Service Equipment Fused Disc Sw	100%		Extent : Moderate, 1	2034 Area Affa	* *	5		В
		n : Electrica		1764 11996	cciea . 10070			
			a Room 400 Amps Main Di	sconnect	Switch			
Switchgear / Switchboard	Explana		100 Hinps Hain Di	, connect	Switch			
Molded Case Bkrs	100%			2034	* *	5	\$200	В
Raceway							7-22	
Conduit	100%			2034	* *	1		В
Panelboards								
Fused Disc Sw	10%			2032	* *	5		В
Molded Case Bkrs	90%			2032	* *	5	\$200	В
Wiring								
Thermoplastic	100%			2034	* *	1		В
Motor Controllers								
Locally Mounted	100%			2029	* *	5	\$100	В
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$300	В
Stand-by Power								
Transfer Switches	400				de de		** * • • •	_
Automatic	100%			2029	* *	1	\$2,700	В
Lighting								
Interior Lighting	£0/			2029	* *	10	\$400	D
Fluorescent	5%		Moderate, Area Aff			10	\$400	В
	-	s, Extent . 1 n : Stairway			0070			
Fluorescent	65%			2024	\$12,900	10	\$5,300	В
	Other Observation, Extent: Moderate, Area Affected: 100%							
			out The Building					
	Explana	tion : T-12	Lamps					
Fluorescent	30%		·	2029	* *	10	\$2,500	В

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

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

Asset #: 1991

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting							
Egress Lighting							
Emergency, Service	40%		2024	\$600	1		В
Emergency, Battery	20%		2024	\$700	10	\$400	В
Exit, Service	40%		2024	\$600	1		В
Exterior Lighting							
HID	100%		2024	\$500	10		В

Mechanical	Current Repair			Futur	e Replacement	M				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
leating										
Energy Source										
Fuel Oil No 2	100%			2034	* *	5	\$2,800	В		
Conversion Equipment										
Hot Water Boiler	100%			2029	* *	1	\$4,400	В		
	Boiler Use	ed For Hot	Water, Extent: Lig	ght, Area	Affected : 100%					
		: Boiler R								
	Other Obs	ervation, I	Extent : Light, Area	Affected	: 100%					
	Location	: Boiler R	oom							
	Explana	tion : 1 Un	it							
Distribution										
Hot Wtr Piping/Pump	100%	Now	\$1,000	2032	* *	4	\$400	В		
	Not in Ser	Not in Service, Extent : Severe, Area Affected : 100%								
	Location	: Circulat	ion Pump							
Terminal Devices										
Convector/Radiator	30%			2022	\$28,800	1	\$900	В		
Fan Coil Unit/Heat	70%			2019	\$106,600	1	\$2,000	В		
ir Conditioning					·		·			
Energy Source										
Electricity	100%			2032	* *	1		В		
Conversion Equipment										
Ext Pkg Unit - Cooling	20%	Now	\$200	2024	\$9,400	2	\$100	В		
2	R-22 Refr	igerant, Ex	tent : Light, Area A	ffected :						
	Location	Location: Roof								
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	cted : 30%					
	Location									
	Explana	tion : Insul	ation Deteriorating	•						
Split Unit	10%			2024	\$4,700			В		
Window/Wall Unit	40%			2019	\$8,400	1		В		
No Component	30%			2017	φο, 1 00	1		D		
Terminal Devices	3070									
Fan Coil - Cooling	10%			2024	\$5,500	1	\$300	В		
No Component	90%			2024	φ3,300	1	φ300	D		
Yentilation	70%							<u> </u>		
Distribution										
Distribution Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,900	В		
Ductwork/Diffusers	100%			LIFE	-11-	2-3	\$7,900	D		

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

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

Asset #: 1991

Mechanical		Current Repair		e Replacement	M		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation							
Exhaust Fans							
Roof	100%		2024	\$8,100	2	\$300	В
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2034	* *	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							
Sprinkler							
No Component	75%						D
Generic	25%		2034	* *	1-2	\$600	В

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

Asset Name : FIRE ACADEMY SUBWAY SIMULATOR, BLDG. 14

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.014 / 13719 Yr Built/Renovated : 2005 /

Area Sq Ft : 5,753 Project Type : FIRE DEPARTMENT

Date of Survey : 19-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$24,200		\$1,900	
Interior Architecture	\$28,600		\$400	
Electrical	\$200	\$200	\$100	\$100
Mechanical	\$2,000	\$500	\$900	\$400
Total	\$55,000	\$700	\$3,400	\$500
Priority A	\$24,200		\$1,900	
Priority B	\$14,800	\$700	\$1,400	\$500
Priority C	\$16,000		\$100	
Total	\$55,000	\$700	\$3,400	\$500



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

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

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

Asset #: 13719

Architecture	Current Repair	Future Replac	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior							
Exterior Walls				_			
Cast in Place Concrete	5%	LIFE	* *	5	\$6,200	A	
	Other Observation, Extent : Light, Are Location : East Side	а Апестеа : 5%					
	Explanation : Stairway To Roof						
Concrete Masonry Unit	85%	LIFE	* *	5	\$13,200	A	
Concrete Masonry Clint	Efflorescence, Extent : Light, Area Aff			3	Ψ15,200	А	
	Location: Throughout						
Metal Coiling Doors	10%	2037	* *	5	\$3,900	A	
Windows							
Metal Louvers	100%	2033	* *	10	\$2,100	A	
Parapets							
Cast Stone/Terra Cotta	10%	LIFE	* *	5-10	\$6,900	A	
	Other Observation, Extent: Light, Are	ea Affected : 5%					
	Location: Top Of Parapet						
	Explanation: Coping		sle sle				
Concrete Masonry Unit	90%	LIFE	* *	5-10	\$11,900	A	
Roof	80%	2029	* *	10	\$10,600	A	
Built-Up (BUR)	Other Observation, Extent: Moderate			10	\$10,000	А	
	Location: Throughout	, птей пујестей . 10	070				
	Explanation : Stone Ballast						
Built-Up (BUR)	20%	2029	* *	10	\$2,600	A	
2 unt ep (2 en)	Other Observation, Extent : Moderate		0%	10	Ψ 2 ,000		
	Location: Throughout						
	Explanation: Concrete Pavers						
Interior				,			
Floors							
Cast in Place Concrete	90%	LIFE	* *	5	\$27,700	C	
Vinyl Tile	10%	2029	* *	3	\$300	С	
Interior Walls	020/	LIEE	* *	_	¢2.000	C	
Concrete Masonry Unit	92%	LIFE	**	5	\$3,900	C	
Concrete Masonry Unit	8% Other Observation, Extent: Moderate	LIFE		5	\$300	С	
	Location : At Train Platform	, лгеи пујестеи . 07	υ				
	Explanation: 6" X 6" Units						
Ceilings	T						
Acous Tile Susp. Lay-In	10%	2037	* *	5	\$700	В	
Exposed Struc: Steel	90%				,		

Electrical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts Switchgear / Switchboard							
Molded Case Bkrs	100%		2050	* *	5	\$100	В

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

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

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

Asset #: 13719

Electrical	Current Repair	Future Replace	ment	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimate FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Raceway						
Conduit	100%	2050	* *	1		В
Panelboards						
Fused Disc Sw	5%	2046	* *	5		В
Molded Case Bkrs	95%	2046	* *	5	\$100	В
Wiring						
Thermoplastic	100%	2050	* *	1		В
Motor Controllers						
Locally Mounted	100%	2041	* *	5		В
Stand-by Power						
Transfer Switches						
Automatic	100%	2041	* *	1	\$1,500	В
Lighting						
Interior Lighting						
Fluorescent	95%	2032	* *	10	\$4,100	В
	Other Observation, Extent: Modera	ite, Area Affected : 100	%			
	Location: Throughout The Buildin	ıg				
	Explanation: T-8 Lamps					
Fluorescent	5%	2032	* *	10	\$200	В
	Other Observation, Extent : Modera	ite, Area Affected : 100	%			
	Location : Hallways					
	Explanation: T-5 Lamps					
Egress Lighting	-					
Emergency, Service	50%	2032	* *	1		В
Emergency, Battery	10%	2032	* *	10	\$100	В
Exit, Service	40%	2032	* *	1		В
Exterior Lighting						
HID	100%	2032	* *	10		В

Mechanical	Current Repair	Future Re	placement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Fuel Oil No 2	100%	2044	* *	5	\$1,500	В
Conversion Equipment						
Hot Water Boiler	100%	2037	* *	1	\$2,300	В
	Other Observation, Extent: Light, Ar	rea Affected : 10	0%			
	Location : Boiler Room					
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2040	* *	4	\$300	В
Terminal Devices						
Air Handler	40%	2029	* *	1	\$1,200	В
Convector/Radiator	20%	2037	* *	1	\$300	В
Unit Heater-Stm/HW	40%	2029	* *	4	\$200	В

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

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

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

Asset #: 13719

Mechanical	Current Repai	r Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ir Conditioning						
Energy Source						
Electricity	100%	2046	* *	1		В
Conversion Equipment						
Ext Pkg Unit - Cooling	10%	2029	* *	2		В
	R-22 Refrigerant, Extent:	Light, Area Affected :	10%			
	Location: Roof					
No Component	90%					D
entilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,200	В
Exhaust Fans						
Roof	100%	2029	* *	2	\$100	В
lumbing						
H/C Water Piping						
Brass/Copper	100%	2044	* *	1		В
Water Heater						
Electric	100%	2022	\$800	4		В
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Backflow Preventer						
No Component	90%					D
Generic	10%	2029	* *	1		В
	Other Observation, Extent	: Light, Area Affected	: 10%			
	Location: Boiler Room					
	Explanation : For Boiler	Only				
Fixtures						
Generic	100%					В

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

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

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

Asset Name : FIRE ACADEMY TRAINING BLDGS - FIELD HOUSE #12

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0003.012 / 13553 Yr Built/Renovated : 2003 /

Area Sq Ft : 40,857 Project Type : FIRE DEPARTMENT

Date of Survey : 18-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 1819 Lot : 40 BIN : 1085911

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

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



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

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

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

Asset #: 13553

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
terior								
Exterior Walls								
Masonry: Brick	30%			LIFE	* *	5	\$37,700	A
Metal Panel	50%			2044	* *	5-10	\$216,100	A
Metal Sect. OHD	10%			2037	* *	5	\$19,600	Α
Window Wall	10%			2044	* *	5	\$23,600	A
Windows								
Aluminum	100%			2040	* *	5	\$9,500	A
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	\$17,400	A
Masonry: Brick	30%			LIFE	* *	5-10	\$12,600	A
Metal Rail	5%			2037	* *	5-10	\$5,500	A
No Component	55%							D
Roof								
Metal Panel	80%			2041	* *	10	\$64,600	Α
Roll Roofing	20%			2023	\$39,200	5	\$14,700	Α
erior								
Floors								
Cast in Place Concrete	_	2-4 Crumbling, a : Through	\$35,300 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$101,800	С
Ceramic Tile	7%	2-4	\$3,900	2033	* *	5	\$1,800	C
	Cracking/		Extent : Light, Are		ed : 10%	3	φ1,000	
Interior Walls								
Ceramic Tile	2%			2033	* *	5	\$800	C
Concrete Masonry Unit	75%			LIFE	* *	5	\$23,400	C
Gypsum Board	5%			LIFE	* *	5-10	\$3,300	C
Masonry: Brick	12%			LIFE	* *	10	\$1,400	C
	Other Obs	ervation, E	xtent : Light, Area	Affected	: 100%			
	Location	i : Streetsco	ipe Mockup On Ma	in Level				
	Explana	tion : Simu	lated Brick Buildin	g Facade	e Mockups			
Metal Coiling Doors	6%			2040	* *	5	\$11,700	С
<u> </u>	Other Obs	ervation, E	xtent : Light, Area	Affected	: 100%		,	
			ре Москир					
			uilding Facade Mo	ckups				
Ceilings	-			-				
Exposed Struc: Steel	95%			LIFE	* *	10	\$125,000	В
Metal Panel	5%			LIFE	* *	5	\$8,200	В

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

Under 600 Volts

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

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

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

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

Asset #: 13553

System Component Type	Code
Service Equipment Fused Disc Sw	В
Fused Disc Sw	В
Other Observation, Extent : Moderate, Area Affected : 100% Location : Electrical Room Explanation : One 2000 Amps Main Disconnect Switch	В
Location : Electrical Room Explanation : One 2000 Amps Main Disconnect Switch	
Explanation : One 2000 Amps Main Disconnect Switch	
Transformers Dry Type	
Dry Type	
Other Observation, Extent: Moderate, Area Affected: 100% Location: Electrical Room Explanation: One 30 Kva 480/277hv-208lv Switchgear / Switchboard Molded Case Bkrs 100% 2044 ** 5 \$900 Raceway Conduit 100% 2044 ** 1 1 Panelboards Fused Disc Sw 10% 2040 ** 5 \$100 Molded Case Bkrs 90% 2040 ** 5 \$800 Motor Controllers Locally Mounted 100% 2037 ** 5 \$200 Stand-by Power Transfer Switches Automatic 100% 2037 ** 1 \$10,300 Lighting Interior Lighting	_
Location : Electrical Room Explanation : One 30 Kva 480/277hv-208lv	В
Explanation : One 30 Kva 480/277hv-208lv	
Switchgear / Switchboard Molded Case Bkrs 100% 2044 ** 5 \$900 Raceway Conduit 100% 2044 ** 1 Panelboards Fused Disc Sw 10% 2040 ** 5 \$100 Molded Case Bkrs 90% 2040 ** 5 \$800 Motor Controllers Locally Mounted 100% 2037 ** 5 \$200 Stand-by Power Transfer Switches Automatic 100% 2037 ** 1 \$10,300 Lighting Interior Lighting Interior Lighting	
Molded Case Bkrs 100% 2044 ** 5 \$900	
Raceway	
Conduit 100% 2044 ** 1 Panelboards Fused Disc Sw 10% 2040 ** 5 \$100 Molded Case Bkrs 90% 2040 ** 5 \$800 Motor Controllers Locally Mounted 100% 2037 ** 5 \$200 Stand-by Power Transfer Switches Automatic 100% 2037 ** 1 \$10,300 Lighting Interior Lighting Interior Lighting	В
Panelboards Fused Disc Sw 10% 2040 ** 5 \$100 Molded Case Bkrs 90% 2040 ** 5 \$800 Motor Controllers Locally Mounted 100% 2037 ** 5 \$200 Stand-by Power Transfer Switches Automatic 100% 2037 ** 1 \$10,300 Lighting Interior Lighting	
Fused Disc Sw 10% 2040 ** 5 \$100 Molded Case Bkrs 90% 2040 ** 5 \$800 Motor Controllers Locally Mounted 100% 2037 ** 5 \$200 Stand-by Power Transfer Switches Automatic 100% 2037 ** 1 \$10,300 Lighting Interior Lighting	В
Molded Case Bkrs 90% 2040 ** 5 \$800 Motor Controllers Locally Mounted 100% 2037 ** 5 \$200 Stand-by Power Transfer Switches 4utomatic 100% 2037 ** 1 \$10,300 Lighting Interior Lighting Interior Lighting ** 1 \$10,300	
Motor Controllers Locally Mounted 100% 2037 ** 5 \$200 Stand-by Power Transfer Switches Automatic 100% 2037 ** 1 \$10,300 Lighting Interior Lighting	
Locally Mounted 100% 2037 ** 5 \$200 Stand-by Power Transfer Switches Automatic 100% 2037 ** 1 \$10,300 Lighting Interior Lighting Interior Lighting	В
Stand-by Power Transfer Switches Automatic 100% 2037 ** 1 \$10,300 Lighting Interior Lighting	
Transfer Switches Automatic 100% 2037 ** 1 \$10,300 Lighting Interior Lighting	В
Automatic 100% 2037 ** 1 \$10,300 Lighting Interior Lighting	
Lighting Interior Lighting	
Interior Lighting	В
Fluorescent 90% 2029 ** 10 \$27,600	
	В
Other Observation, Extent : Moderate, Area Affected : 100%	
Location : Throughout The Building	
Explanation: T-8 Lamps	
HID 10% 2029 ** 10 \$100	В
Egress Lighting	
Emergency, Service 65% 2029 ** 1	В
Exit, LED 35% 2039 ** 1	В
Exterior Lighting	
HID 100% 2029 ** 10 \$100	В
Alarm	
Security System	
No Component 50%	D
Generic 50% 2029 ** 1 \$6,300	В
Other Observation, Extent: Moderate, Area Affected: 100%	
Location : Security Room	
Explanation: Premium System	
Fire/Smoke Detection	
Generic 100% 2029 ** 1-3 \$20,600	В

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

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

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

Asset #: 13553

Mechanical	Cı	urrent Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	, , , ,	il Date E Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
HTHW/HW	20%			2044	* *	1		В
			nt : Light, Area	Affected	: 20%			
	Location: 1				D 11.11 //1	-		
		ı : Hot Wat	er Is Supplied F	rom Adj	acent Building #1	I		
No Component	80%							D
Distribution	2001			20.40	* *		Φ	
Hot Wtr Piping/Pump	20%		. 7:1.4	2040		4	\$500	В
			nt : Light, Area	Affected	: 20%			
	Location: 1		- E 41	, D '11'	411			
		i : Hot Wai	er From Adjace	nt Builai	ng #11			
No Component	80%							D
Terminal Devices	4.50			2025	* *		4. 500	
Convector/Radiator	15%			2037		1	\$1,600	В
	Location : C		nt : Light, Area	Аဌјестеа	: 15%			
				E1				
		i : Kaaiant	Heating Pipes I		ste ste		Φ200	
Unit Heater-Stm/HW	5%			2029	* *	4	\$200	В
No Component	80%							D
Ventilation								
Exhaust Fans Roof	20%			2029	* *	2	\$200	В
No Component	20% 80%			2029		2	\$200	D D
Plumbing	80%							D
H/C Water Piping								
Brass/Copper	20%			2044	* *	1		В
No Component	80%			2011				D
Water Heater	0070							
Electric	20%			2022	\$1,200	4		В
No Component	80%			-	÷ = ,= 0 0	-		D
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В

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

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

Asset Name : FIRE ACADEMY TRAINING TOWER # 1

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 5,400 Project Type : FIRE DEPARTMENT

Date of Survey : 22-Jul-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3,5

CAPITAL

Total

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$14,000			
Interior Architecture	\$28,800			
Electrical				\$100
Mechanical	\$10,300	\$200	\$200	\$200
Total	\$53,200	\$200	\$200	\$300
Priority A	\$14,000			
Priority B	\$19,800	\$200	\$200	\$300
Priority C	\$19,400			
Total	\$53,200	\$200	\$200	\$300



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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING TOWER # 1

Asset #: 1988

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Masonry: Brick	50%			LIFE	* *	5	\$5,000	A
Masonry: Brick	_		\$8,400 Extent : Light, Are out	LIFE ea Affect	* * ed : 10%	5	\$2,500	A
Windows								
Aluminum		2-4 issing Elem i : Through	\$1,500 eents, Extent : Ligh out	2046 t, Area A	** ffected : 5%	5	\$300	A
Parapets								
Cast in Place Concrete	25%			LIFE	* *	5	\$1,200	A
Cast in Place Concrete	_		\$300 Extent : Light, Are out	LIFE ea Affect	* * ed : 10%	5	\$500	A
Masonry: Brick	25%			LIFE	* *	5-10	\$400	A
Masonry: Brick	25% Cracking/	2-4	\$400 Extent : Light, Are out	LIFE	* * ed : 10%	5	\$100	A
Metal Rail			eents, Extent : Ligh out	2044 t, Area A	* * Affected : 10%	5	\$100	A
Roof								
Skylight, Metal/Glass	2%			2050	* *	10	\$100	A
Traffic Topping	98%			2032	* *	10	\$3,500	A
nterior								
Floors Cast in Place Concrete			\$5,000 Extent : Light, Are	LIFE ea Affect	* * ed : 10%	5	\$14,300	С
Steel Grating	5%			2044	* *	1		C
Interior Walls								
Concrete Masonry Unit	_		\$14,500 Extent : Light, Are out		* * ed : 10%	5	\$3,100	С
Ceilings Exposed Concrete	_		\$9,400 Extent : Light, Are	LIFE ea Affect	* * ed : 5%	5	\$800	В

Electrical	Current Repair	Futur	e Replacement	Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Under 600 Volts		•			
Raceway Conduit	100%	2024	\$21,500	1	В

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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING TOWER # 1

Asset #: 1988

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Inder 600 Volts						
Panelboards						
Molded Case Bkrs	100%	2023	\$11,200	5	\$100	В
Wiring						
Thermoplastic	100%	2024	\$15,100	1		В
Motor Controllers						
Locally Mounted	100%	2022	\$4,200	5		В
ighting						
Interior Lighting						
Fluorescent	20%	2029	* *	10	\$800	В
	Other Observation, Extent: M Location: First Floor And I Explanation: T-8 Lamps	. 55	cted : 100%			
Fluorescent	80%	2029	* *	10	\$3,400	В
	Other Observation, Extent : M	Ioderate, Area Affe	cted : 100%			
	Location: Throughout					
	Explanation: Using Compa	ct Flourescent Lan	ps			
Exterior Lighting			_		_	
HID	100%	2029	* *	10		В

Mechanical	Current Repair	Future Re	olacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Electricity	20%	2044	* *	1		В
No Component	80%					D
Conversion Equipment						
Radiant Heater	20%	2024	\$4,600	2	\$400	В
No Component	80%					D
Ventilation						
Exhaust Fans						
Wall Unit	100%	2024	\$7,900	2	\$100	В
	Other Observation, Extent: Light	, Area Affected : 100	0%			
	Location: Basement					
	Explanation: Fan In Basement	To Remove Methane	Gas			
Plumbing						
H/C Water Piping						
Galv Iron/Steel	10%	2037	* *	1		В
	Other Observation, Extent : Light	Other Observation, Extent : Light, Area Affected : 10%				
	Location: B, 1-5					
	Explanation: Standpipe Only					
No Component	90%					D

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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING TOWER # 1

Asset #: 1988

Mechanical	Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing							
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
	Other Observation, E	Extent : Light, Area	Affected	: 10%			
	Location: 1-5						
	Explanation: Roof	Drains Only					
Sump Pump(s)							
Rigid Piping	100% Now	\$10,300	2034	* *	4	\$1,300	В
	Not in Service, Exten	t : Light, Area Affe	cted : 10	0%			
	Location: Basemer	nt					
Fire Suppression							
Standpipe							
Generic	100%		2044	* *	1-5	\$2,300	В

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

Asset Name : FIRE ACADEMY VEHICLE PREVENTIVE MAINT BLDG #6

Address : RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

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

Date of Survey : 19-Jul-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

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

\$16,300 \$45,500 \$28,800	\$3,400 \$7,300	\$8,100	\$7,300 \$1,400
\$16,300	\$3,400	,	. ,
• ,	. ,	4-7	Ψ3,7 0 0
1	, ,, ,,	7-)	Ψο,
\$90,500	\$10,700	\$8,100	\$8,700
\$3,900	\$3,900	\$3,900	\$3,900
\$7,900	\$1,400	\$2,200	\$1,000
\$1,900	\$1,500	\$1,900	\$2,300
\$60,500	\$500		\$1,400
\$16,300	\$3,400		
FY 2015	FY 2016	FY 2017	FY 2018
	\$16,300 \$60,500 \$1,900 \$7,900	\$16,300 \$3,400 \$60,500 \$500 \$1,900 \$1,500 \$7,900 \$1,400 \$3,900 \$3,900	\$16,300 \$3,400 \$60,500 \$500 \$1,900 \$1,500 \$1,900 \$7,900 \$1,400 \$2,200 \$3,900 \$3,900 \$3,900



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

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

Asset #: 1990

rchitecture	Current	Repair	Futur	Future Replacement		Maintenance	
ystem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
kterior							
Exterior Walls Masonry: Brick	45% 2-4	\$65,800 g, Extent : Light, Arc	LIFE	* *	5	\$19,700	A
	Location : Throug	-	za rijjecie	. 1070			
Masonry: Brick	20%		LIFE	* *	5	\$17,500	A
Metal Sect. OHD	30%		2029	* *	5	\$41,000	A
Metal Sect. OHD	5%		2041	* *	5	\$6,800	A
Windows					_		
Aluminum	90%		2040	* *	5	\$600	A
Aluminum	10%		2040	* *	5	\$100	A
Parapets Pre-Cast Concrete	10%		LIFE	* *	5	\$3,000	A
Tie-Cast Concrete		Extent : Moderate, A		cted : 100%	3	Ψ3,000	А
	Location : Throug		33				
	Explanation: Low	Wall Coping					
No Component	90%						D
Roof							
Built-Up (BUR)	25% 2-4	\$1,600	2029	* *			A
		Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Throug Explanation : Stor						
Roll Roofing	75% 0-2	\$4,000	2020	\$80,800	5	\$15,100	A
Kon Koomig	Gut/DS Non Func/N				3	\$13,100	А
	Location : Throug		, 11, 00, 14,	,00.000.,0,0			
	Miss/Damaged Flas		erate, Ar	ea Affected : 60%			
	Location: Throug	hout					
		Extent : Moderate, A	rea Affe	cted : 100%			
	Location : Throug	hout					
terior							
Floors Cast in Place Concrete	40% Now	\$5,900	LIFE	* *	5	\$16,900	С
Cast III Flace Colletete		ه۶٫۶۵۵ g, Extent : Light, Ard			3	\$10,900	C
	Location: Throug		sa rijjecie	. 1070			
Cast in Place Concrete	20%		LIFE	* *	5	\$16,900	С
Ceramic Tile	5%		2033	* *	5	\$1,000	C
Vinyl Tile	35% Now	\$12,800	2029	* *	3	\$2,500	C
•		ments, Extent : Seve					
	Location : Second	Floor Office, Corri	dor And S	Stair			
Interior Walls	5 0/		2022	* *	_	#200	
Ceramic Tile	5% 55%		2033 LIFE	* *	5 5	\$200 \$1,500	C
Concrete Masonry Unit Concrete Masonry Unit	33% 20%		LIFE	* *	5 5	\$1,500	C C
SGFT/Glazed Masonry	20% 0-2	\$600	LIFE	* *	5	Ψ300	C
2 31 1, Služeu Musolil y		g, Extent : Moderate		fected : 2%			Č
	Location : Garage		3.				

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

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

Asset #: 1990

Architecture		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	15%	0-2	\$400	2029	* *	5	\$1,500	В
	Water Pene	etration, Ex	ctent : Moderate, A	rea Affe	cted : 5%			
	Location	: Room 202	2					
AcousTileSusp.Lay-In	5%			2041	* *	5	\$1,000	В
Exposed Struc: Steel	50%			LIFE	* *	10	\$19,400	В
Exposed Struc: Steel	20%			LIFE	* *	10	\$7,700	В
Gypsum Board	10%			LIFE	* *	5-10	\$6,700	В

Electrical	Current Repair	Future	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	50%	2044	* *	5		В
	Other Observation, Extent : M	loderate, Area Affe	cted : 100%			
	Location: Electrical Room					
	Explanation : One 1200 Am	os Main Disconnec	t Switch			
Fused Disc Sw	50%	2044	* *	5		В
	Other Observation, Extent : M	loderate, Area Affe	cted : 100%			
	Location: Electrical Room					
	Explanation : One 1200 Am	os Main Disconnec	t Switch For Emer	gency		
Switchgear / Switchboard						
Fused Disc Sw	50%	2024	\$9,900	5		В
Fused Disc Sw	50%	2044	* *	5		В
Raceway						
Conduit	80%	2024	\$17,200	1		В
Conduit	20%	2044	* *	1		В
Panelboards						
Fused Disc Sw	10%	2023	\$1,100	5		В
Molded Case Bkrs	80%	2023	\$9,000	5	\$300	В
Molded Case Bkrs	10%	2040	* *	5		В
Wiring						
Thermoplastic	80%	2024	\$12,000	1		В
Thermoplastic	20%	2044	* *	1		В
Motor Controllers						
Locally Mounted	20%	2022	\$1,700	5		В
Locally Mounted	80%	2029	* *	5	\$100	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$400	В
Stand-by Power						
Transfer Switches						
Automatic	100%	2037	* *	1	\$3,700	В

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

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

Asset #: 1990

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Stand-by Power						
Generators						
Diesel	100%	2033	* *	1	\$4,700	В
	Other Observation, Extent .	: Moderate, Area Affe	cted : 100%			
	Location : Outside - Near	· Bldgs 6 & 7				
	Explanation: One 425 Ki	va - Supplies Emerger	icy Power To Build	lings # 6	, 7, 8, 10 & 14	
Batteries						
Lead/Acid	100%	2018	\$600	5	\$400	В
Fuel Storage						
Main Tank	100%	2052	* *	5	\$400	В
	Other Observation, Extent . Location : Generator Are Explanation : One 700 G	a	cted : 100%			
Lighting	Explanation. One 700 G	utions				
Interior Lighting						
Fluorescent	35%	2029	* *	10	\$4,200	В
Tuorescent	Other Observation, Extent .		cted · 100%	10	φ+,200	D
	Location : Offices	. moueraie, mea nije	cieu . 100/0			
	Explanation: T-8 Lamps					
HID		2024	¢£ 200	10	\$200	D
	65%	2024	\$5,200	10	\$300	В
Egress Lighting	600/	2020	* *	1		D
Emergency, Service	60%	2029	* *	1		В
Exit, Service	40%	2029	* *	1		В
Exterior Lighting	1000/	2020	* *	4.0		-
HID	100%	2029	* *	10		В
Alarm						
Fire/Smoke Detection	1000/	2020		4.0	A.E. F. C. C.	-
Generic	100%	2029	* *	1-3	\$7,500	В

Mechanical	Current Repair	Future Re	placement	Ma	aintenance	
ystem Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
eating						
Energy Source						
Fuel Oil No 2	100%	2034	* *	5	\$4,000	В
Conversion Equipment						
Furnace	20%	2024	\$3,600	1	\$1,300	В
	Other Observation, Extent : Lig Location : Roof Explanation : 1 Unit	ht, Area Affected : 20	%		\$1,300	
Hot Water Boiler	80%	2037	* *	1	\$5,100	В
	Other Observation, Extent : Lig	ht, Area Affected : 80	%			
	Location : 1st Floor Boiler Ro	oom				
	Explanation: 1 Unit					
Distribution						
Hot Wtr Piping/Pump	100%	2032	* *	4	\$1,000	В

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

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

Asset #: 1990

Mechanical	Current Repair		Futur	e Replacement	M		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							•
Terminal Devices							
Convector/Radiator	50%		2029	* *	1	\$2,100	В
Unit Heater-Stm/HW	50%		2029	* *	4	\$600	В
Air Conditioning							
Energy Source							
Electricity	100%		2040	* *	1		В
Conversion Equipment							
Ext Pkg Unit - Cooling	20% Now	\$2,700	2024	\$13,500	2	\$100	В
	Not in Service, Extens						
	Location: 1 Of 2 U	-	-				
	R-22 Refrigerant, Ext	-	ffected :	20%			
	Location: 3 Units C	n Roof					
No Component	80%						D
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$11,400	В
Exhaust Fans							
Roof	85%		2024	\$9,900	2	\$300	В
Wall Unit	15%		2024	\$3,300	2	\$100	В
Plumbing							
H/C Water Piping	4.0.0-1						_
Brass/Copper	100%		2044	* *	1		В
Water Heater	20 -1		•010				_
Electric	50%		2019	\$1,100	4	\$100	В
Electric	50%		2023	\$1,100	4	\$100	В
Sanitary Piping	1000/		T TEE	ماد ماد			ъ
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping	1000/		T TEE	ماد ماد			ъ
Cast Iron	100%		LIFE	* *	1		В
Backflow Preventer	0.004						-
No Component	90%		2020	* *		#100	D
Generic	10%		2029		1	\$100	В
	Other Observation, E	_	Ајјестеа	: 10%			
	Location : Boiler Re						
Eintumos	Explanation: For B	ouer Only					
Fixtures	1000/						В
Generic Summassion	100%						D
Fire Suppression							
Sprinkler	80%						D
No Component							

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

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

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

Asset Name : FIRE MARSHALS/COUNSELORS LADDER CO. 20 / DIVISION 1

Address : 247-53 LAFAYETTE STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : FIR0002.000 / 2011 Yr Built/Renovated : 1972 /

Area Sq Ft : 32,646 Project Type : FIRE DEPARTMENT

Date of Survey : 27-Mar-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3,4

Block : 495 Lot : 7 BIN : 1007523

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

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



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

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

Asset #: 2011

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
xterior								
Exterior Walls	20/	N.T.	47.700	LIDE	ale ale	-	# < 000	
Cast in Place Concrete	Location Staining/D	: Above O Discoloring	\$7,700 Extent : Light, Are Everhead Doors Extent : Moderate Everhead Doors			5	\$6,000	A
Masonry: Brick	87%			LIFE	* *	5	\$34,900	A
Metal Sect. OHD	10%			2036	* *	5	\$12,500	A
Windows	10%			2030		3	\$12,300	A
Aluminum			\$24,100 ct, Extent : Modera	2031 ute, Area	* * Affected : 30%	5	\$5,000	A
		: Through	<i>оит</i> 	2022	\$20,000		\$5.500	
Steel	5% Deteriorat Location		Extent : Moderate,	2022 Area Afj	\$30,800 fected : 25%	5	\$6,600	A
Parapets								
Masonry: Brick	95%			LIFE	* *	5	\$3,900	A
Pre-Cast Concrete	5%			LIFE	* *	5	\$1,300	A
Roof								
Asphalt Shingle	2%			2026	* *	10	\$100	A
Modified Bitumen	Location Water Pen	: Over Fo etration, E	\$15,600 derate, Area Affecto urth Floor ixtent : Moderate, A ce Marshals Locker	Area Affe				A
terior								
Floors								
Carpet	10%			2022	\$20,600	3	\$5,300	C
Cast in Place Concrete	Location Uneven Su	: Ladder A	\$26,600 Extent : Moderate Apparatus Floor ent : Moderate, Are us Floor	·		5	\$19,200	С
Ceramic Tile	5%			2032	* *	5	\$1,800	С
Terrazzo	2%			LIFE	* *	5	\$500	C
Vinyl Tile	10%			2018	\$33,300	3	\$1,800	C
Vinyl Tile	26%			2028	**	3	\$3,400	C
Vinyl Tile	20% Recent Co	nstruction, : 2nd Floo	Extent : Light, Are	2033	* * ed : 100%	3	\$3,500	C
Wood		. 2 1 100		2063	* *		¢1 200	
Wood		tallation, I : 2nd Floo	Extent : Light, Area or			5	\$1,300	С

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

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

Asset #: 2011

Architecture		Current l	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								
Interior Walls								
Ceramic Tile	2%			2038	* *	5	\$900	C
		enstruction, 1 : 2nd Floo	Extent : Light, Are or	a Affecte	ed : 100%			
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,800	С
•	Location	i : Parking	_					
		racks, Exte ı : Cellar	ent : Light, Area Afj	fected : 1	%			
Gypsum Board	20%			LIFE	* *	5	\$5,300	C
		nstruction, 1 : 2nd Floo	Extent : Light, Are or	a Affecte	ed : 40%			
Plaster	48%			LIFE	* *	5	\$6,300	С
SGFT/Glazed Masonry	20%			LIFE	* *			C
Ceilings								
AcousTileConcealSpLn	35%			2028	* *	5	\$15,300	В
	Water Per	netration, E	Extent : Light, Area	Affected	: 5%			
	Location	ı : Locker I	Room In Fire Marsh	als Area	ı; 3rd Floor Ceilin	ig		
AcousTileSusp.Lay-In	5%			2036	* *	5	\$1,800	В
AcousTileSusp.Lay-In	15%			2043	* *	5	\$5,300	В
	Recent Construction, Extent: Light, Area Affected: 100% Location: 2nd Floor							
Exposed Concrete	20%			LIFE	* *	5	\$1,100	В
•	_	Crumbling 1 : Stair 3 A	, Extent : Light, Are at Cellar	ea Affecto	ed : 1%		•	
Plaster	25%			LIFE	* *	5	\$5,500	В
			xtent : Light, Area ry In Fire Marshal			Room		

Electrical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2023	\$15,900	5	\$700	В
	Other Observation, Extent: Light, A	rea Affected	: 100%			
	Location: Basement Main Electric	cal Room				
	Explanation: 3,000 Amp					
Switchgear / Switchboard						
Molded Case Bkrs	100%	2023	\$74,100	5	\$700	В
Raceway						
Conduit	20%	2033	* *	1		В
Conduit	80%	2023	\$32,500	1		В

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

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

Asset #: 2011

% of Total 80% 20%	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
20%			2022	\$35,900	5	\$600	В
			2031	* *	5	\$100	В
20%			2033	* *	1		В
80%			2023	\$33,400	1		В
100%			2021	\$55,000	5	\$200	В
100%	0-2	\$900	LIFE	* *	5	\$400	В
her Obs	ervation, E	xtent : Moderate, A	Area Affe	cted : 100%			
Location	: Basemen	t					
Explana	tion : Corre	oded And Connecte	ed To Ma	in Water Pipe.			
100%					1	\$8,200	В
her Obs	ervation, E	xtent : Light, Area	Affected	: 100%			
			Room				
Explana	tion : 3 Pol	e, 100 Amp					
100%			2019	\$67,300	1	\$10,300	В
		_	Affected	: 100%			
Explana	tion : 30 Kv	v, 37.5 Kva					
100%			2016	\$600	5	\$1,000	В
					5	\$900	В
		_		: 100%			
	_	-					
	tion : 250 C	Gallon Stand- Alone	e Day Ta	nk			
80%			2026	* *	5	\$600	В
her Obs	ervation, E	xtent : Light, Area	Affected	: 100%			
Location	: Undergre	ound					
Explana	tion : 1,000	Gallon					
	100% ther Obs Location Explana 100% ther Obs Location Explana 100% 20% ther Obs Location Explana 100% 20% ther Obs Location Explana 40% ther Obs Location Explana 50% ther Obs Location Explana 60% ther Obs Location	100% 0-2 ther Observation, E Location: Basemen Explanation: Corre 100% ther Observation, E Location: Basemen Explanation: 3 Pol 100% ther Observation, E Location: Generate Explanation: 30 Kv 100% 20% ther Observation, E Location: Emergen Explanation: 250 C 80% ther Observation, E Location: Undergree	100% 0-2 \$900 ther Observation, Extent: Moderate, A Location: Basement Explanation: Corroded And Connecte 100% ther Observation, Extent: Light, Area Location: Basement Main Electrical H Explanation: 3 Pole, 100 Amp 100% ther Observation, Extent: Light, Area Location: Generator Room Explanation: 30 Kw, 37.5 Kva 100% 20% ther Observation, Extent: Light, Area Location: Emergency Generator Roon Explanation: 250 Gallon Stand- Alone Explanation: 250 Gallon Stand- Alone 80%	100% 0-2 \$900 LIFE ther Observation, Extent: Moderate, Area Affe Location: Basement Explanation: Corroded And Connected To Matther Observation, Extent: Light, Area Affected Location: Basement Main Electrical Room Explanation: 3 Pole, 100 Amp 100% 2019 ther Observation, Extent: Light, Area Affected Location: Generator Room Explanation: 30 Kw, 37.5 Kva 100% 2016 20% 2022 ther Observation, Extent: Light, Area Affected Location: Emergency Generator Room Explanation: 250 Gallon Stand- Alone Day Ta 80% 2026 ther Observation, Extent: Light, Area Affected Location: Underground	100% 0-2 \$900 LIFE ** ther Observation, Extent: Moderate, Area Affected: 100% Location: Basement Explanation: Corroded And Connected To Main Water Pipe. 100% 2021 \$10,500 ther Observation, Extent: Light, Area Affected: 100% Location: Basement Main Electrical Room Explanation: 3 Pole, 100 Amp 100% 2019 \$67,300 ther Observation, Extent: Light, Area Affected: 100% Location: Generator Room Explanation: 30 Kw, 37.5 Kva 100% 2016 \$600 20% 2022 \$400 ther Observation, Extent: Light, Area Affected: 100% Location: Emergency Generator Room Explanation: 250 Gallon Stand- Alone Day Tank 80% 2026 ** ther Observation, Extent: Light, Area Affected: 100% Location: Underground	100% 0-2 \$900 LIFE ** 5 ther Observation, Extent: Moderate, Area Affected: 100% Location: Basement Explanation: Corroded And Connected To Main Water Pipe. 100% 2021 \$10,500 1 ther Observation, Extent: Light, Area Affected: 100% Location: Basement Main Electrical Room Explanation: 3 Pole, 100 Amp 100% 2019 \$67,300 1 ther Observation, Extent: Light, Area Affected: 100% Location: Generator Room Explanation: 30 Kw, 37.5 Kva 100% 2016 \$600 5 20% 2022 \$400 5 ther Observation, Extent: Light, Area Affected: 100% Location: Emergency Generator Room Explanation: 250 Gallon Stand- Alone Day Tank 80% 2026 ** 5 ther Observation, Extent: Light, Area Affected: 100% Location: Underground	100% 0-2

Lighting

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

^{**} 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 Estimate Total (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code				
Lighting										
Interior Lighting										
Fluorescent	30%	2023	\$35,300	10	\$6,500	В				
	T-12 Lamps, Extent: Light, Are									
	Location: Throughout The Bu	ilding								
Fluorescent		9,400 2033	* *			В				
	T-8 Lamps, Extent : Light, Area	Affected: 100%								
	Location : Basement									
	Other Observation, Extent : Sev	ere, Area Affectea	d: 100%							
	Location: Basement									
	Explanation: Burnt Out									
Fluorescent	60%	2023	\$70,600	10	\$12,900	В				
		T-8 Lamps, Extent: Light, Area Affected: 100%								
	Location: Throughout The Bu	ilding								
Incandescent	2%	2023	\$2,400	2		В				
Egress Lighting										
Emergency, Service	50%	2028	* *	1		В				
	Other Observation, Extent : Light, Area Affected : 100% Location : Throughout									
	Explanation : Emergency Ligh	ting From Gener	ator							
Exit, Service	50% Now \$	1,900 2033	* *	1		В				
	Not Functioning, Extent: Mode	rate, Area Affecte	d: 100%							
	Location : Throughout The Bu	ilding								
Exterior Lighting										
HID	100%	2023	\$11,100	10	\$100	В				
	Other Observation, Extent : Light, Area Affected : 100%									
	Location : Facade									
	Explanation: Downlights, Co.	ntrolled Via Switc	rh							
Marm										
Fire/Smoke Detection										
Generic	100%	2023	\$313,800	1-3	\$16,500	В				

Mechanical	Current Repair	Future Repla	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	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: Light	ht, Area Affected : 100%	ó			
	Location: 2nd Floor Division	1				

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

Asset #: 2011

Mechanical		Current l	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
leating	•							
Distribution								
Hot Wtr Piping/Pump	85%			2031	* *	4	\$1,500	В
Hot Wtr Piping/Pump	15%			2048	* *	4	\$300	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	\$39,800	1	\$800	В
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		В
Conversion Equipment								
Reciprocating	75%	2-4	\$20,300	2023	\$67,700	1	\$7,300	В
Compr/Chiller								
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	cted : 40%			
	Location	: Roof						
	Explana	tion : Agea	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	\$5,200	2033	* *	4	\$1,200	В
	Insul. Det	eriorating,	Extent : Severe, Ar	ea Affect	red : 20%			
	Location	: Mechani	cal Room On Roof					
Terminal Devices								
Air Handler/Cool/Ht	85%			2023	\$76,800	1	\$12,300	В
Fan Coil - Cooling	15%			2033	* *	1	\$1,100	В
			Extent : Light, Area	Affected	: 100%			
	Location	: 2nd Flo	or Division 1					
	Explana	tion : New	Installation					
Heat Rejection								
Air Condenser Unit	85%			2018	\$36,100	2	\$13,900	В
Evap Condenser	15%			2033	* *	2	\$2,500	В
			Extent : Light, Area	Affected	: 100%			
	Location	: Lower R	oof					
entilation								
Distribution	,							_
Ductwork/Diffusers	100%	Now	\$11,500	LIFE	* *	2-5	\$13,100	В
		_	Extent : Severe, Ar or, Kitchen	ea Affect	ed: 20%			
Exhaust Fans								
Interior	25%			2023	\$7,300	2	\$200	В
Roof	75%			2023	\$15,900	2	\$500	В

Plumbing

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

Asset #: 2011

Mechanical	Current Repair	Futur	Future Replacement Maintenance						
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Plumbing									
H/C Water Piping									
Brass/Copper	100%	2043	* *	1		В			
Water Heater									
Gas Fired	100%	2018	\$6,200	2	\$400	В			
	Other Observation, Extent : Light	, Area Affected	: 100%						
	Location: Basement								
	Explanation : 2 - 80 Gallon Uni	ts							
Sanitary Piping									
Cast Iron	100%	LIFE	* *	1		В			
Storm Drain Piping									
Cast Iron	100%	LIFE	* *	1		В			
Sump Pump(s)									
Rigid Piping	100%	2023	\$10,300	4	\$2,000	В			
Fixtures									
Generic	100%					В			
Vertical Transport									
Elevators									
Geared Traction	100%	LIFE	* *			C			
	Other Observation, Extent : Light		: 100%						
	Location: Basement To 4th Flo	or							
	Explanation : 1 - Unit								
Fire Suppression									
Sprinkler									
No Component	80%					D			
Generic	20%	2043	* *	1-2	\$1,300	В			
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Garage								
	Explanation : Serves Garage Ar	nd Basement Le	vel Only						

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

Asset Name : MAINTENANCE GARAGE LIC

Address : 48-34 35TH STREET LONG ISLAND CITY

Borough : QUEENS Agency's Number : N/A

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

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

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 254 Lot : 1 BIN : 4003451

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

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$4,500	\$29,100		
Interior Architecture	\$5,700		\$2,900	
Electrical	\$25,500	\$63,000	\$25,500	\$25,500
Mechanical	\$1,100	\$1,000	\$13,500	\$700
Total	\$36,800	\$93,000	\$41,900	\$26,200
Priority A	\$4,500	\$29,100		
Priority B	\$26,500	\$63,900	\$39,000	\$26,200
Priority C	\$5,700		\$2,900	
Total	\$36.800	\$93,000	\$41,900	\$26,200



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

Asset #: 2010

Architecture	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Con Total (Years)	Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior					•
Exterior Walls Cast in Place Concrete	65% Recent Repair Evident, Extent : Light Location : Throughout	LIFE * * * t, Area Affected : 65%	* 5	\$163,700	A
Metal Panel	25% Recent Replace Evident, Extent : Light Location : Throughout	2051 * : ht, Area Affected : 100%	* 5-10	\$86,600	A
Metal Coiling Doors	5% Recent Replace Evident, Extent: Light Location: Throughout	2041 * : ht, Area Affected : 100%	* 5	\$7,900	A
Wood Overhead Doors	5% 2-4 \$4,500 Deteriorated Finish, Extent : Light, A Location : Throughout		* 5	\$6,300	A
Windows Aluminum	100% Recent Replace Evident, Extent : Ligi Location : Throughout	2046 * * * ht, Area Affected : 100%	* 5	\$3,000	A
Parapets Cast in Place Concrete	100% Recent Repair Evident, Extent : Light Location : Throughout	LIFE * : t, Area Affected : 65%	* 5	\$93,600	A
Roof Modified Bitumen	90% Recent Replace Evident, Extent : Light 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 \$1,038,300 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	, Area Affected : 80% Severe, Area Affected : 60% e, Area Affected : 60%	3	\$374,700	С
Ceramic Tile	5%	2030 * *	* 5	\$11,400	С
Terrazzo	10%	LIFE * *		\$17,800	C
Vinyl Tile	10%	2026 * *	* 3	\$8,600	C
Interior Walls					_
Cast in Place Concrete	35%	LIFE * *		4.200	C
a			K 5	£1 200	C
Concrete Masonry Unit	15%	LIFE **	5	\$1,300	C
Concrete Masonry Unit Gypsum Board Plaster	15% 5% 25%	LIFE * * * LIFE * * * LIFE * *	* 5	\$700 \$1,600	C C

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

Asset #: 2010

Architecture		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%			2034	* *	5	\$22,800	В
Exposed Concrete	20%			LIFE	* *	5	\$7,100	В
Exposed Struc: Steel	60%			LIFE	* *			В
Plaster	10%	Now	\$39,000	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	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2051	* *	5	\$800	В
	Other Observation, Extent:		d : 100%			
	Location: Electrical Room					
	Explanation: Two 3000 A	mps Main Disconnect Sv	witch			
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 Observation, Extent:	Moderate, Area Affected	d : 100%			
	Location : Generator Room	m				
	Explanation: One 750 Kv	а				
Batteries						
Lead/Acid	100%	2016	\$600	5	\$6,200	В
Fuel Storage						
Day Tank	100%	2046	* *	5	\$28,300	В
Lighting						

Lighting

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

Asset #: 2010

Electrical	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	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

	Current R	Repair	Futur	e Replacement	M	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
100%			2041	* *	1		В
100%							D
100%							D
60%			2026	* *	1	\$600	В
40%			2026	* *	1	\$200	В
100%			2029	* *	1		В
5%			2026	* *	2	\$500	В
30%			2016	\$106,800	1		В
65%							D
100%			LIFE	* *	2-5	\$85,100	В
5%			2026	* *	2	\$200	В
95%			2021	\$130,800	2	\$4,500	В
	100% 100% 100% 60% 40% 100% 5% 100% 5%	% of Total Pate (Years) 100% 100% 100% 60% 40% 100% 5% 30% 65%	Total (Years) 100% 100% 100% 60% 40% 100% 5% 30% 65%	% of Total Fail Date (Years) Estimated Cost FY Year FY 100% 2041 100% 2026 40% 2026 100% 2029 5% 2026 30% 2016 65% LIFE 5% 2026 2026 2026	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost FY 100% 2041 ** 100% 2026 ** 60% 2026 ** 40% 2029 ** 5% 2026 ** 30% 2016 \$106,800 65% LIFE ** 5% 2026 **	% of Total Fail Date (Years) Estimated Cost (Yrs) Estimated Cost (Yrs) Cycle (Yrs) 100% 2041 ** 1 100% 2026 ** 1 60% 2026 ** 1 40% 2026 ** 1 100% 2029 ** 1 5% 2026 ** 2 30% 2016 \$106,800 1 65% LIFE ** 2-5 5% 2026 ** 2	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost (Yrs) Cycle (Yrs) Estimated Cost (Yrs) 100% 2041 ** 1 ** 1 100% 2026 ** 1 \$600 40% 2026 ** 1 \$600 40% 2026 ** 1 \$200 100% 2029 ** 1 \$500 30% 2016 \$106,800 1 \$500 30% 2016 \$106,800 1 \$500 100% LIFE ** 2-5 \$85,100 5% 2026 ** 2 \$200

Plumbing

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

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

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

Asset #: 2010

Mechanical	Current	Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2031	* *	1		В
Water Heater							
Gas Fired	100%		2020	\$40,300	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	\$10,300	4	\$1,300	В
Fire Suppression							
Standpipe							
Generic	100%		2031	* *	1-5	\$800	В
Sprinkler							
Generic	100%		2031	* *	1-2	\$400	В

Page: 102

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

Asset Name : MARINE 9

Address : FRONT AND WAVE STREETS @ WATERFRONT

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : FIRSMAR.009 / 14079 Yr Built/Renovated : 2011 /

Area Sq Ft : 8,000 Project Type : FIRE DEPARTMENT

Date of Survey : 07-Mar-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : Lot : BIN :

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

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



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

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

Asset #: 14079

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$10,000	A
Masonry: Granite	45%			LIFE	* *	5	\$13,400	A
Metal Panel	40%			2050	* *	5-10	\$54,700	A
Metal Sect. OHD	5%			2041	* *	5	\$3,100	A
Window Wall	5%			2050	* *	5	\$3,700	A
Windows								
Aluminum	100%		\$2,400	2046	* *	5	\$500	A
	Glazing B	roken/Crac	ked, Extent : Mode	rate, Are	ea Affected : 5%			
	Location	ı : Second I	Floor Corridor					
	Water Per	netration, E	xtent : Moderate, A	rea Affe	cted : 15%			
	Location	ı : Main En	trance Clear Story	Bunk R	oom And Gym			
Parapets								
Metal Rail	90%			2041	* *	5-10	\$23,000	A
Metal: Cage/Fence	10%			2041	* *	5-10	\$1,100	A
Roof								
Built-Up (BUR)	45%			2032	* *	10	\$3,000	A
Built-Up (BUR)	55%			2032	* *	10	\$3,700	A
		servation, E 1 : Main Ro	Extent : Moderate, A of	Area Affe	cted : 100%			
	Explana	tion : Gard	en " Green " Roof					
erior	-		-					
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$3,200	C
Ceramic Tile	5%			2037	* *	5	\$700	C
Panel/Paver: Cer/Brk	60%			2046	* *	5	\$19,900	C
Sheet Vinyl/Rubber	5%			2032	* *	5	\$1,100	C
Vinyl Tile	25%			2032	* *	3	\$1,400	C
Interior Walls								
Glazed Ceramic Panel	15%			LIFE	* *	10	\$2,100	C
Gypsum Board	80%			LIFE	* *	5-10	\$20,900	C
Wood	5%			LIFE	* *	5	\$6,100	C
Ceilings								
AcousTileSusp.Lay-In	10%			2041	* *	5	\$1,500	В
Exposed Struc: Steel	5%			LIFE	* *	10	\$1,500	В
Gypsum Board	45%			LIFE	* *	5-10	\$22,800	В
Plaster	40%			LIFE	* *	5-10	\$10,100	В

Electrical	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

Over 600 Volts

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

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

Asset #: 14079

Electrical	Current Repair	Future Replacem	ment Maintenance		aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Mode Location : Outside Explanation : One 600 Amps M		* *	3		В
Transformers Dry Type	100% Other Observation, Extent : Mode Location : Outside Explanation : One 750 Kva 416	2044 erate, Area Affected : 100%	* *	3		В
Feeders Cable	100%	2049	* *	1		В
Raceway Conduit	100%	2054	* *	1		В
Under 600 Volts Service Equipment Molded Case Bkrs	100% Other Observation, Extent : Mode Location : Electrical Room, 1st Explanation : One 600 Amps M	Floor	* *	5	\$200	В
Transformers Dry Type	100% Other Observation, Extent: Mode Location: Electrical Room, 1st Explanation: Two 112.5 Kva, 4	2044 erate, Area Affected : 100% Floor	**	5		В
Switchgear / Switchboard Molded Case Bkrs	100%	2054	* *	5	\$200	В
Raceway Conduit	100%	2054	* *	1		В
Panelboards Fused Disc Sw Molded Case Bkrs	10% 90%	2049 2049	* *	5 5	\$200	B B
Wiring Thermoplastic Motor Controllers	100%	2054	* *	1		В
Locally Mounted Ground	100%	2044	* *	5		В
Grounding Devices Generic Stand-by Power	100%	LIFE	* *	5	\$200	В
Transfer Switches Automatic	100%	2044	* *	1	\$2,000	В
Generators Diesel	100% Other Observation, Extent : Mode Location : Outside Explanation : One 450 Kw	2039 erate, Area Affected : 100%	* *	1	\$2,500	В

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

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

Asset #: 14079

Electrical	Current Repai	r Future	Future Replacement Maintenance		aintenance		
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Stand-by Power							
Batteries							
Lead/Acid	100%	2019	\$600	5	\$200	В	
Fuel Storage							
Main Tank	100%	2064	* *	5	\$200	В	
	Other Observation, Extent	: Moderate, Area Affect	ted : 100%				
	Location : Underground						
	Explanation : One 780 C	Fals					
Lighting							
Interior Lighting							
Fluorescent	90%	2034	* *	10	\$5,400	В	
	Other Observation, Extent		ted : 100%				
	Location: Throughout th	_					
	Explanation: T-8 Lamps	With Automatic Lightin	ig Controls				
Fluorescent	10%	2034	* *	10	\$600	В	
	T-5 Lamps, Extent: Mode	rate, Area Affected : 100	0%				
	Location : Throughout T	he Building					
Egress Lighting							
Emergency, Service	60%	2034	* *	1		В	
Exit, LED	40%	2064	* *	1		В	
Exterior Lighting							
HID	100%	2034	* *	10		В	
Lightning Protection							
Arresters/Cabling							
Generic	100%	2064	* *	5	\$200	В	
Alarm							
Security System							
No Component	50%					D	
Generic	50%	2034	* *	1	\$1,200	В	
Fire/Smoke Detection							
Generic	100%	2034	* *	1-3	\$4,000	В	

Mechanical	Cu	rrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Electricity	40%		2054	* *	1		В
Solar Panel(s)	60%		2054	* *	2	\$200	В
Air Conditioning							
Energy Source							
Electricity	100%		2049	* *	1		В

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

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

Asset #: 14079

Mechanical	Current Repair	Future Repl	acement	M		
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estim FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%	2034	* *	2	\$400	В
	Other Observation, Extent: Light, Ar Location: Roof Explanation: 3 Roof Top Units Witi					
Ventilation	, J	, 0				
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$5,800	В
Exhaust Fans						
Roof	15% Now Malfunctioning, Extent : Moderate, A Location : Kitchen Hood Exhaust	2032 Area Affected : 25%	* *	2		В
No Component	85% Other Observation, Extent : Light, Ar Location : Roof					D
	Explanation: Process Is Carried O	ut Through A C S	ystem			
Plumbing						
H/C Water Piping	1000/	2054	* *	1		В
Brass/Copper Water Heater	100%	2034		1		D
Electric	100% Other Observation, Extent : Light, Ar	2024 rea Affected : 100%	\$1,200	4	\$100	В
	Location : First Floor Mechanical I					
	Explanation: 2 Units - Hot Water S	Solar Panels Are U	sed To Hea	t The Wa	ıter	
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Backflow Preventer						
Generic	100%	2034	* *	1	\$400	В
Fixtures						
Generic	100%					В
Fire Suppression						
Sprinkler	1000/	2054	de de		# 4 000	
Generic	100%	2054	* *	1-2	\$1,800	В
Chemical System	900/					D
No Component Generic	80% 10%	2024	\$2,400	1-3	\$4.500	D B
Generic	10% Other Observation, Extent : Light, Ar Location : Kitchen			1-3	\$4,500	Б
	Explanation: Kitchen Hood System	Is Inaccessible				
Generic	10% Other Observation, Extent : Light, Ar	2024 rea Affected : 100%	\$2,400	1-3	\$4,500	В
	Location : Throughout Explanation : Fire Extinguishers					

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.

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

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

Asset Name : RESCUE 3

Address : 1655 WASHINGTON AVE. BTWN: E.172 ST. - E.173 ST.

Borough : BRONX Agency's Number : N/A
Program / Asset # : FIRSRES.003 / 14463 Yr Built/Renovated : 2009 /

Area Sq Ft : 19,492 Project Type : FIRE DEPARTMENT

Date of Survey : 07-Feb-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2905 Lot : 30 BIN : 2817127

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

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



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

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

FIRE DEPARTMENT - 057 RESCUE 3

Asset #: 14463

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior									
Exterior Walls									
Cast in Place Concrete	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	C	
Interior Walls									
Ceramic Tile	5%			2037	* *	5	\$2,200	C	
Concrete Masonry Unit	20%			LIFE	* *	5	\$3,500	C	
Glass: Single Pane	5%			LIFE	* *	5	\$1,600	C	
Gypsum Board	20%			LIFE	* *	5	\$5,300	C	
Masonry: Brick	5%			LIFE	* *			C	
Metal Panel	40%			LIFE	* *			C	
Wood	5%			LIFE	* *	5	\$8,800	C	
Ceilings									
AcousTileSusp.Lay-In	10%			2042	* *	5	\$2,300	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	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Service Equipment							
Not Accessible	100%						D
Transformers							
Not Accessible	100%						D

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.

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

FIRE DEPARTMENT - 057 RESCUE 3

Asset #: 14463

Electrical	Curren	ent Repair Future Replacemen		e Replacement	M		
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts	•		•				
Switchgear / Switchboard							
Not Accessible	100%						D
Raceway							
Conduit	100%		2048	* *	1		В
Panelboards							
Molded Case Bkrs	100%		2044	* *	5	\$400	В
Wiring							
Thermoplastic	100%		2048	* *	1		В
Motor Controllers							
Locally Mounted	100%		2039	* *	5	\$100	<u>B</u>
Ground							
Grounding Devices	1000/			ate ate	_	Φ200	-
Generic	100%	T 16 1	LIFE	**	5	\$200	В
		, Extent : Moderate, A	Area Affe	ected : 100%			
	Location: Basen		17 / D'				
C. 11 D	Explanation : Co	nnected With Main V	vater Pip	e			
Stand-by Power							
Transfer Switches Automatic	100%		2039	* *	1	\$4,900	В
Generators	100%		2039		1	\$4,500	
Not Accessible	100%						D
Batteries	100%						<u> </u>
Not Accessible	100%						D
Fuel Storage	100/0						
Not Accessible	100%						D
Lighting	10070						
Interior Lighting							
Fluorescent	100%		2030	* *	10	\$14,600	В
Tuorescent		, Extent : Moderate, 1		ected : 100%	10	Ψ11,000	D
	Location : Throu						
		8 & Compact Lamps					
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	Curren	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Natural Gas	100%		2048	* *	1		В

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

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

FIRE DEPARTMENT - 057 RESCUE 3

Asset #: 14463

Mechanical	Curre	Current Repair		e Replacement	Maintenance		
System Component Type	% of Fail D Total (Year	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Conversion Equipment	20 -1					*	_
Furnace	50%		2030	**	1	\$4,000	В
		n, Extent : Light, Area	Affected	: 100%			
	Location: Roof	•	l C				
***		C Unit Has Gas Fired				#4.000	
Hot Water Boiler	50%	T	2035	**	1	\$4,000	В
		n, Extent : Light, Area	Affected	: 100%			
	Location : Base						
Distribution	Explanation: 2	Boilers					
Distribution	500/		LIEE	* *	2.5	\$4.400	D
Ductwork/Diffusers	50%		LIFE	* *	2-5	\$4,400	В
Hot Wtr Piping/Pump Terminal Devices	50%		2044		4	\$600	В
Fan Coil Unit/Heat	50%		2030	* *	1	\$2,600	В
No Component	50% 50%		2030	• •	1	\$2,600	D D
	30%						υ U
Air Conditioning 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		2	Ψ300	D
Treating/Cooming	Other Observatio	n, Extent : Light, Area	Affected	: 50%			
	Location : Roof	., =,	55				
	•	overs Top Floor, Refri	gerant Is	410a			
No Component	50%	-, -, -, -, -, -, -, -, -, -, -, -, -, -	8				D
Distribution	3070						D
Ductwork/Diffusers	50%		LIFE	* *	2	\$10,400	В
No Component	50%		LIIL		2	φ10,400	D
Ventilation	3070						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$8,900	В
Exhaust Fans	10070					Ψ0,200	
Roof	100%		2030	* *	2	\$500	В
Plumbing	10070		2030			φοσο	
H/C Water Piping							
Brass/Copper	100%		2048	* *	1		В
Water Heater							
Gas Fired	100%		2021	\$4,200	2	\$200	В
		n, Extent : Light, Area				,	
	Location : Base						
		Units 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.

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

FIRE DEPARTMENT - 057 RESCUE 3

Mechanical	Current Repair	Future Re	placement N	Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Est FY	imated Cost Cycle (Yrs)		Priority Code
Plumbing					
Sewage Ejector(s)					
Electric	100%	2030	** 4	\$1,300	В
Backflow Preventer					
No Component	50%				D
Generic	50%	2030	** 1	\$500	В
	Other Observation, Extent : L	ight, Area Affected : 10	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

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

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



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

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

Asset #: 4437

rchitecture	Current Repair	Future Replacement	Maintenance		
vstem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
terior					
Exterior Walls					
Cast in Place Concrete	15% Now \$529,200		5	\$206,100	Α
	Other Observation, Extent : Severe, A	rea Affected : 15%			
	Location: Throughout				
	Explanation: Foundation Settlemen			φ1 000	
Masonry: Brick	65% Now \$596,900		5	\$178,600	Α
	Diagonal Cracks, Extent : Moderate, Location : South Facade	Area Affected : 10%			
		Anna Affantad . 250/			
	Other Observation, Extent : Moderate Location : Throughout	e, Area Affectea : 55%			
	Explanation: Walls Are Covered W	ith Stuggo Coment			
Matal Danal				\$51,500	Α.
Metal Panel	10% Now \$216,500 Corrosion/Rusting, Extent: Severe, A		5	\$51,500	A
	Location: Throughout	rea Ajjeciea . 10070			
Maral Calling Days		2034 **		¢42.000	
Metal Coiling Doors	10% Now \$502,800		5	\$42,900	A
	Broken/Missing Elements, Extent : Se Location : Throughout,	vere, Area Affectea . 100%			
Windows	Location . Throughout,				
Aluminum	50% Now \$111,700	2029 **	5	\$11,700	A
7 Hammani	Broken/Missing Elements, Extent: Li,		3	Ψ11,700	11
	Location : Throughout	3,			
Steel	50% Now \$1,355,300	2046 **	5	\$145,700	A
20001	Corrosion/Rusting, Extent: Moderate		C	Ψ1.0,700	
	Location : Throughout	, 33			
	Thermally Inefficient, Extent : Moder	ate, Area Affected : 70%			
	Location : Throughout				
	Weather Strip Missing, Extent: Mode	rate, Area Affected : 100%			
	Location: Throughout				
Parapets					
Masonry: Brick	90% Now \$976,600		5	\$49,000	Α
	Loose Units, Extent : Moderate, Area	Affected: 50%			
	Location : Throughout				
Metal Panel	10% Now \$188,600	2031 **	5	\$10,500	A
	Corrosion/Rusting, Extent: Moderate	, Area Affected : 40%			
	Location : Throughout				
Roof					
Modified Bitumen	90% Now \$144,600				A
	Water Penetration, Extent : Moderate	, Area Affected : 10%			
	Location: Throughout				
Single Ply Membrane	10%	2026 **	10	\$22,300	A

Interior

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

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

Asset #: 4437

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								
Floors								
Cast in Place Concrete	85%		\$911,500	LIFE	* *	5	\$219,300	C
			Extent : Severe, Are					
			oom, And Various	Location	s Throughout Firs	t Floor		
	Explana	tion : Floor	· Slab Settlement					
Ceramic Tile	5%			2030	* *	5	\$5,900	C
Vinyl Tile	10%		\$55,900	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						_		
Concrete Masonry Unit	35%		\$399,400	LIFE	* *	5	\$21,200	C
	_		tent : Moderate, Ar		ted : 20%			
			Locations On First					
Gypsum Board	20%		\$110,200	LIFE	* *	5	\$18,200	C
			Extent : Severe, Are					
			And Various Locat	ions Thr	oughout First Floo	r		
	Explana	tion : Settle	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%		\$195,900	2041	* *	5	\$14,700	В
		-	amage, Extent : Se	vere, Are	ea Affected : 100%	5		
	Location	ı : Through	out					
Exposed Struc: Steel	75%			LIFE	* *			В

Electrical	Current Repair	Future F	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	t Year E FY	Sstimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Under 600 Volts							
Service Equipment							
Fused Disc Sw	50%	2021	\$30,400	5	\$200	В	
	Other Observation, Extent : Moderate Location : Electical Room	, Area Affecte	ed : 100%				
	Explanation: One 2000 Amps Main	Disconnect S	Switch				
Fused Disc Sw	50%	2031	* *	5	\$200	В	
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location : Electrical Room						
	Explanation: One 1200 Amps Main	Disconnect S	Switch				

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

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

Asset #: 4437

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts	•			•				•
Switchgear / Switchboard								
Fused Disc Sw	30%			2021	\$44,500	5	\$100	В
Molded Case Bkrs	40%			2031	* *	5	\$900	В
Molded Case Bkrs	30%			2021	\$44,500	5	\$700	В
Raceway								
Conduit	70%			2021	\$73,000	1		В
Conduit	30%			2031	* *	1		В
Panelboards						_		
Fused Disc Sw	5%			2020	\$7,300	5	\$100	В
Molded Case Bkrs	35%			2029	**	5	\$800	В
Molded Case Bkrs	60%			2020	\$87,600	5	\$1,300	В
Wiring	2001	2.4	#24 000	2046	de de			
Braided Cloth	20%	2-4	\$34,800	2046	**	1		В
		Aged, Exte : Through	nt : Moderate, Are out	a Affecte	ed : 100%			
Thermoplastic	80%			2031	* *	1		В
Motor Controllers								
Locally Mounted	100%			2019	\$115,200	5	\$600	В
Ground								
Grounding Devices								
Generic	100%	2-4	\$900	LIFE	* *	5	\$1,200	В
			xtent : Moderate, 1	Area Affe	ected : 100%			
		: Water M						
C. 11 D	Explanati	on : Corre	oded					
Stand-by Power Transfer Switches								
Automatic	100%			2019	\$10,500	1	\$26,000	В
Generators	100%			2019	\$10,300	1	\$20,000	D
Diesel	100%			2017	\$67,300	1	\$32,600	В
Diesei		rvation F	xtent : Moderate, A			1	\$32,000	ъ
		: Generate		170011990	cica : 10070			
	Explanati							
Batteries								
Lead/Acid	100%			2015	\$600	5	\$3,100	В
Fuel Storage					,		1-,	
Main Tank	100%			2024	\$10,800	5	\$2,300	В
Lighting							. ,	
Interior Lighting								
Fluorescent	98%			2016	\$666,100	10	\$70,800	В
	Other Obse	rvation, E	xtent : Moderate, A	Area Affe	cted : 100%			
	Location .	: Through	out The Building					
	Explanati	on : Using	g T-12 Lamps					
Incandescent	2%			2016	\$13,600	2		В
Egress Lighting					·			
Emergency, Service	40%			2016	\$5,200	1		В
Emergency, Battery	10%			2021	\$3,300	10	\$1,900	В
Exit, Service	50%			2021	\$6,500	1		В

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

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

Asset #: 4437

Electrical	Current Repair	Future Re	eplacement	Ma	aintenance				
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Lighting									
Exterior Lighting									
HID	100%	2016	\$35,000	10	\$300	В			
Alarm									
Security System									
No Component	60%					D			
Generic	40%	2021	\$115,700	1	\$12,600	В			
	Other Observation, Extent : Mode	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Front Door, Hallway	And Roof Garage							
	Explanation : Standard								
Fire/Smoke Detection		•	•	•	•				
Generic	100%	2021	\$990,000	1-3	\$53,600	В			

Mechanical	Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	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	\$50,300	1	\$9,800	В
		servation, Extent : Light, Area 1 : Boiler Room	Affected	: 70%			
	Explana	tion : 3 Units - Replacement o	f 2 Boile	rs Is In Progress			
Radiant Heater	25%		2021	\$98,400	2	\$9,100	В
	Location	servation, Extent : Light, Area n : Service Area, 1st Floor	Affected	: 30%			
	Explana	tion : Gas Fire Radiant Tubs					
Under Construction	50%						D
	Other Observation, Extent: Light, Area Affected: 0%						
	Location : Boiler Room						
	Explana	tion : 2 Boilers Being Replaced	d				
Distribution							
Hot Wtr Piping/Pump	70%		2029	* *	4	\$2,700	В
No Component	30%						D
Terminal Devices							
Air Handler	20%		2021	\$96,400	1	\$9,800	В
Convector/Radiator	40%		2026	* *	1	\$10,200	В
Unit Heater-Stm/HW	10%		2016	\$57,700	4	\$1,100	В
No Component	30%						D
Air Conditioning							
Energy Source							_
Electricity	100%		2029	* *	1		В

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

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

Mechanical	cal Current Repair Future Replacement		e Replacement	М				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	40%		\$165,000	2031	**	2	\$1,600	В
	Location		ent : Severe, Area A		40%			
Window/Wall Unit	10%			2016	\$18,400	1		В
No Component	50%							D
Heat Rejection						_		_
Air Condenser Unit	40%			2016	\$35,700	2	\$22,000	В
No Component	60%							D
Ventilation								
Distribution Ductwork/Diffusers	40%			LIFE	* *	2.5	¢17.600	В
No Component	40% 60%			LIFE		2-5	\$17,600	Б
Exhaust Fans	0070							D
Interior	40%			2016	\$39,500	2	\$1,000	В
Roof	60%	0-2	\$42,600	2031	**	2	\$1,200	В
		led Life, Ex	tent : Severe, Area		! : 40%		, -,	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	* *	1		В
Water Heater								
Gas Fired	100%			2021	\$20,800	2	\$1,200	В
		stallation, I 1 : Boiler R	Extent : Light, Area oom	Affected	! : 100%			
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								_
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s) Rigid Piping	100%			2016	\$10,300	4	\$2,000	В
Fixtures								
Generic	100%							В
Fire Suppression								
Sprinkler	405						***	_
Generic	100%			2021	\$1,043,600	1-2	\$22,100	В

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

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

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

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



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

^{**} 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	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Structural								
Deck				_	***			
Concrete	53%	LIFE	* *	5	\$14,000	Α		
	Cracking, Extent: Light, Area Affected		-1- A (II - 1 : 1 - O	C D:				
	Location: Isolated Throughout Beams		ck Ai Unaersiae O	j Pier				
	Spalling, Extent : Light, Area Affected : Location : Isolated Throughout Beam		ak At Undarsida O	f Diar				
	Other Observation, Extent: Moderate, 1		_	j i ter				
	Location : Isolated At Underside And			t At Tons	ide Of Pier			
	Explanation: Spalling/exposed Reinfo		Ој Втокен Изрни	i IIi Tops	ide Of Fier			
Concrete	2% 4+ \$3,800	LIFE	* *	5	\$500	A		
Concrete	Other Observation, Extent: Moderate, 1			3	\$300	A		
	Location: Isolated At Underside And			t At Tops	ide Of Pier			
	Explanation : Spalled/exposed Reinfor		of Bronen Hopman		ine of the			
Not Accessible	45%					D		
Deck Surface	1370							
Asphalt	65%	2030	* *	5	\$10,200	С		
· · · ·	Cracking, Extent : Light, Area Affected				, -,			
	Location: Isolated Throughout							
	Surface Wearing/Scaling, Extent : Light	, Area Aj	ffected : 5%					
	Location: Throughout							
	Other Observation, Extent : Severe, Are	a Affecte	ed: 2%					
	Location: Isolated Throughout							
	Explanation: Broken/missing							
No Component	5%					D		
Not Accessible	30%					D		
Pile Caps								
Concrete	100%	LIFE	* *	5	\$1,000	Α		
	Cracking, Extent: Light, Area Affected	: 5%						
	Location: Isolated Throughout							
	Spalling, Extent: Light, Area Affected:	2%						
Diles and Dessins	Location : Isolated Throughout							
Piles and Bracing Steel	25% 4+ \$249,500	LIFE	* *	5	\$54,500	A		
Sicci	Corrosion, Extent : Moderate, Area Affe		00%	3	Φ54,500	Λ		
	Location : Above Mean Low Water El							
			_					
	Defec Cathodic Prot., Extent : Severe, Area Affected : 100% Location : Anodes Missing At All Piles							
	Other Observation, Extent : Severe, Are		d : 100%					
	Location : Above Mean Low Water El							
	Explanation: Defective Coating Syste							
Not Accessible	75%					D		

Fender

^{**} 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	Ма	nintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Fender					
Buffer	750/ N. 017.000	2034 **	4.5	Φ4.400	D
Rubber	75% Now \$17,900	2034	4-5	\$4,400	В
	Loose Connections, Extent : Severe, Are Location : At Areas Of Timber Decay				
N. C.		Above Miw Elevation			
No Component	25%				D
Facing	75% 2-4 \$347,600	2036 **	2	\$10,200	D
Timber	75% 2-4 \$347,600 Rotting/Splitting, Extent : Moderate, Ar	2030	3	\$10,200	В
	Location : Above Mlw Elevation	ea Affeciea . 0070			
	Other Observation, Extent : Severe, Are	pa Affected · 20%			
	Location : At South End Of Pier	a rijjeciea . 2070			
	Explanation : Fire Damage				
No Component	25%				D
Wales and Chocks	23/0				<u>D</u>
Timber	40% Now \$70,200	2036 **	4	\$7,500	В
Timber	Rotting/Splitting, Extent : Severe, Area		7	\$7,500	Ъ
	Location: Typical Upper Wale And Is				
	Other Observation, Extent : Severe, Are				
	Location: At South End Of Pier	a 12,1 corea 1 2 0 7 0			
	Explanation : Fire Damage				
Timber	35% 4+ \$61,400	2036 **	4	\$6,600	В
Timoci	Rotting/Splitting, Extent : Moderate, Ar		7	φ0,000	Ъ
	Location: Throughout Above Mlw Ele				
No Component	25%				D
Piles	23/0				
Steel	15% 4+ \$36,600	2036 **	3-5	\$11,600	В
2.551	Corrosion, Extent : Severe, Area Affecte			Ψ11,000	_
	Location : In Tidal Zone Throughout I				
	Other Observation, Extent : Severe, Are				
	Location: Near Center Of Berth	55			
	Explanation : Impact Damage				
Steel	15% 4+ \$36,600	2036 **	3-5	\$11,600	В
Steel	Corrosion, Extent : Moderate, Area Affe		5 5	Ψ11,000	2
	Location : Above Mlw Throughout Pil				
No Component	25%				D
Not Accessible	45%				D
Deck Elements					
Railing					
Steel	100%	2020			В
	Loose Connections, Extent : Severe, Are				
	Location: Isolated Throughout	•			
	Missing Coating, Extent : Light, Area A	ffected : 50%			
	Location : Throughout				

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

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

Asset Name : WHARF UNDER EC 331/LC 173 BY HARBOR ADAM Address : 158-67 CROSS BAY BLVD. SHELL BANK BASIN

Borough : QUEENS Agency's Number : N/A
Program / Asset # : NYP0103.010 / 13649 Yr Built/Renovated :

Area Sq Ft : 5,520 Project Type : FIRE DEPARTMENT

Date of Survey : 04-Nov-2009 Landmark Status : NONE

Areas Surveyed :

Block : 14163 Lot : 101 BIN :

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

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



^{**} 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 Replace	ement	Maintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimate FY		cle Estimated Cost (rs)	Priority Code
Structural					
Deck					
Concrete	60%	LIFE	** 5	\$5,100	Α
	Cracking, Extent : Light, Area Affe	ected : 5%			
	Location: Throughout				
	Spalling, Extent : Light, Area Affec				
	Location : At Concrete Beam, Un	nderside Of Pier			
Not Accessible	40%				D
Pile Caps					
Concrete	15% 4+ \$8,5	500 LIFE	** 4	5	A
	Cracking, Extent : Severe, Area Af	fected : 100%			
	Location : Southeast Pile Cap				
Concrete	85%	LIFE	** 4	\$300	A
Piles and Bracing					
Steel	20% 0-2 \$76,3	300 LIFE	** 5	\$13,900	A
	Corrosion, Extent : Severe, Area A				
	Location: Within Tidal Zone Of	Exposed H-piles			
Steel	5% Now \$31,	800 LIFE	** 5	\$3,500	A
	Broken, Extent : Severe, Area Affe	cted : 100%			
	Location: Two Piles				
Not Accessible	75%				D
Fender					
Facing					
Timber	55% Now \$126,5		** 3	\$3,700	В
	Rotting/Splitting, Extent: Severe, A	Area Affected : 100%			
	Location: Throughout				
No Component	45%				D

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



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

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

FIRE DEPARTMENT - 057 EAST SHORE RIP-RAP SHORELINE

Bulkheads		Current Repa	air	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Revetment								
Stone	45%			LIFE	* *	5	\$1,600	C
	Settlement,	Extent : Light	, Area Affected	l : 20%				
	Location :	Throughout	Station 0+00 T	To 3+10 (from North)			
Stone	50%			LIFE	* *	5	\$1,800	С
	Settlement,	Extent : Light	, Area Affected	l : 5%				
	Location:	Throughout	Station 3+10 T	o 7+20 (from North)			
Stone	5%	4+	\$24,600	LIFE	* *	5	\$200	С
	Settlement,	Extent : Mode	erate, Area Aff		00%	-	7-55	
			To 5+25 (fro					
Backfill								
Fill								
Topsoil	10%	Now	\$14,400	2061	* *			В
-	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location:	Beneath The	North Apron S	Support C	Of The Fdny Pier A	nd Statio	on 4+90 To 5+25	
	Explanatio	on : Erosion						
Not Accessible	90%							D
Surface								
Gravel	45%			2034	* *	2-5	\$800	В
Topsoil	30%	4+	\$10,800	2021	\$10,800	5	\$400	В
•	Erosion, Ex	tent : Light, A	rea Affected :	10%				
	Location:	Beneath Fdn	y Pier And Sta	tion 4+9	0 To 5+25 (from Λ	lorth)		
Not Accessible	25%							D

FIRE DEPARTMENT - 057

Project: FIRE DEPARTMENT

CAPITAL		F	/ 2015 - 2018			FY 2019 - 2024
Miscellar	neous Buildings		466,100			141,900
EXPENSE		FY 2015	FY 2016		FY 2017	FY 2018
Miscellar	neous Buildings	25,300	10,300		8,300	9,800
ASSET#	NAME			SQFT	CAPITAL	EXPENSE
1832	FIRE ACADEMY FIRE S	IMULATOR BLDG #4	1	6,000	189,000	16,700
1833	FIRE ACADEMY MAIN' BLDG#10	TENANCE & STORAC	GE	4,800	151,200	13,300
1857	FIRE ACADEMY FIRE S	IMULATOR BLDG #2	2	6,000	189,000	16,700
14099	FIRE ACADEMY LIBRA	RY - BLDG. #13		2,500	78,800	6,900

Project: FIRE DEPARTMENT

CAPITAL	F	Y 2015 - 2018		FY 2019 - 2024
Special Systems		1,132,000		0
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Special Systems	1,310,000	935,000	890,000	1,105,000

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

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