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

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

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

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



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

Asset # : 4438

chitecture		Current F	epair	Futur	e Replacement	М		
tem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
erior								
Exterior Walls Concrete Masonry Unit	Location Diagonal Location	Crumbling, : East Ana Cracks, Ext : East Fac	\$40,200 Extent : Moderate West Facades ent : Moderate, An ade, West Facade	rea Affect	ted : 10%	5	\$3,200	A
		racks, Exte : East Fac	nt : Moderate, Are ade	a Affecte	d : 10%			
Masonry: Brick Metal Panel Metal Coiling Doors Stucco Cement	10% 5% 10% 65%	Now	\$276,000	LIFE 2045 2038 2030	* * * * * * * *	5 5-10 5 5	\$10,300 \$17,700 \$16,100 \$41,900	A A A A
Staces content	Broken/M Location Cracking/	issing Elem : At North Crumbling,	ents, Extent : Mod east Corner Extent : Severe, A North And West F	erate, Ar rea Affec		5	ψ+1,700	11
Windows								
Aluminum Steel		Now ntion, Exten	\$74,700 t : Severe, Area Aj	2041 2050 fected : 5	* * * * 50%	5 5	\$4,500 \$9,400	A A
	Broken/M Location Corrosion	issing Elem : Garage	ents, Extent : Seve xtent : Severe, Are					
Parapets	50/	Nerry	¢2 000	LIEE	* *	5	¢2 400	٨
Cast Stone/Terra Cotta	Location Caulking	: Coipng	\$3,800 l, Extent : Moderat d, Extent : Modera		Affected : 50%	5	\$2,400	A
Concrete Masonry Unit	30%	. Coping		LIFE	* *	5-10	\$10,400	А
Metal Panel	5%			2045	* *	5	\$1,200	A
Stucco Cement	60%			2030	* *	5	\$9,700	А
Roof Modified Bitumen	Location	: West Fac						А
	Location Water Per	: Flat Roo etration, E	xtent : Moderate, A					
	Location	: Flat Roo	f Over Office					

Interior

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

Asset # : 4438

Architecture	Current F	Repair	Futur	e Replacement	Μ	laintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
terior							
Floors					_		_
Cast in Place Concrete	45% Now Cracking/Crumbling, Location : Emerger Loose/Delam Surface Location : Emerger	ncy Response Area e, Extent : Severe, A			5	\$31,300	С
	Uneven Surface, Exte Location : Emergen		ffected :	50%			
Ceramic Tile	3%		2034	* *	5	\$1,000	С
Panel/Paver: Cer/Brk	5%		2033	* *	5	\$3,600	С
Raised Access Floor	5%		2034	* *	5	\$6,000	С
Steel Plate	1% Now	\$27,500	LIFE	* *	1		С
	Broken/Missing Elem Location : Emergen Deformed/Dented, E: Location : Emergen Uneven Surface, Exte Location : Emergen	acy Response Area actent : Moderate, A acy Response Area ant : Moderate, Are	rea Affe	cted : 25%			
X7: 1 (T):1		icy Kesponse Area	2025	¢20.200	2	¢1 700	0
Vinyl Tile	11%		2025	\$28,200 * *	3	\$1,700	C
Vinyl Tile	30%		2030	•••	3	\$3,600	С
Interior Walls	50/		2024	* *	5	¢2 200	C
Ceramic Tile	5% 70%		2034	* *	5 5	\$2,200	C
Concrete Masonry Unit	70%		LIFE	* *		\$25,200	C
Gypsum Board	25%		LIFE	-11-	5-10	\$19,100	С
Ceilings	2004		2020	* *	F	¢7.000	р
AcousTileConcealSpLn			2038	* *	5	\$7,900 \$4,800	B
AcousTileSusp.Lay-In	15% Water Penetration, E Location : Office	xtent : Moderate, A	2030 Area Affe		5	\$4,800	В
Exposed Struc: Steel	65% Water Penetration, E Location : Emerger		LIFE Area Affe	* * ected : 10%	10	\$41,300	В
lectrical	Current F	Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori Cod
nder 600 Volts							
Service Equipment Fused Disc Sw	100% Other Observation, E Location : 1st Floo		2025 Area Affe	\$1,600 ected : 100%	5	\$100	В
	Explanation : No A		Ratina	,			
Switchgoor / Switchhoord	Елрипанов : NO А	vanabie ivamepiate	- Kanngs	•			
Switchgear / Switchboard Fused Disc Sw	80%		2025	\$16,100	5	\$100	В
Fused Disc Sw	80% 20%		2025 2045	\$10,100 * *	5	\$100	В
TUSED DISC SW	2070		2043		5		D

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

Asset # : 4438

Electrical		Current Repair	rrent Repair Future Replacement			Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Inder 600 Volts								
Raceway								
Conduit	80%		2025	\$17,600	1		В	
Conduit	20%		2045	**	1		B	
Panelboards	2070		2010		1		D	
Fused Disc Sw	10%		2033	* *	5	\$100	В	
Molded Case Bkrs	60%		2033	\$10,300	5	\$400	B	
Molded Case Bkrs	20%		2021	**	5	\$100	B	
Molded Case Bkrs	10%		2033	* *	5	\$100 \$100	B	
Wiring	1070		2033		5	\$100	Ъ	
Thermoplastic	80%		2025	\$12,300	1		В	
Thermoplastic	20%		2025	\$12,500 * *	1		B	
fround	2070		2043		1		D	
Grounding Devices								
Not Accessible	100%						D	
tand-by Power	10070						D	
Transfer Switches								
Automatic	100%		2038	* *	1	\$8,300	В	
	10070		2038		1	\$8,300	D	
Generators Diesel	50%		2034	* *	1	\$5 200	В	
Diesei		ervation, Extent : Moderate,			1	\$5,200	D	
	Location		Area Ajje	cieu . 100%				
			V					
		ion : Generator Rated @ 81	кva				D	
Not Accessible	50%						D	
Batteries	1000/		2010	\$<00	5	¢1.000	р	
Lead/Acid	100%		2019	\$600	5	\$1,000	В	
Fuel Storage	500/		2041	* *	5	¢2.000	р	
Day Tank	50%	mutin Future Malanda	2041		5	\$2,000	В	
		ervation, Extent : Moderate,	Area Ађе	ctea : 100%				
	Location			a :				
		ion : No Available Nameplat	e Rating	Capacity				
Not Accessible	50%						D	
ighting								
Interior Lighting							_	
Fluorescent	20%		2025	\$7,800	10	\$3,900	В	
		ervation, Extent : Moderate,	Area Affe	ected : 100%				
		: Throughout The Building						
	Explanat	ion : T-12 Lamps						
Fluorescent	60%		2030	* *	10	\$11,700	В	
	Other Obse	ervation, Extent : Moderate,	Area Affe	ected : 100%				
	Location	: Throughout The Building						
	Explanat	ion : T-8 Lamps						
HID	20%		2025	\$2,200	10	\$100	В	
Egress Lighting								
Emergency, Service	50%		2030	* *	1		В	
Exit, Service	50%		2030	* *	1		B	
	2070		-000		-		2	
Exterior Lighting								

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

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

Asset # : 4438

Electrical	Cu	rrent Repair	Futur	e Replacement	Μ	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Alarm							
Security System							_
No Component	70%			***		#2 000	D
Generic	30%		2025	\$23,200	1	\$3,000	В
		tion, Extent : Moderate, 1 utside And Inside	Area Affe	ected : 100%			
		usiae Ana Insiae · C C T V Surveillance C	ameras				
Fire/Smoke Detection	Explanation		unier us				
No Component	90%						D
Generic, Analog	10%		2025	\$26,500			В
-	Other Observa	tion, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : He	allways					
	Explanation .	Smoke Detectors					
Mechanical	Cu	rrent Repair	Futur	e Replacement	М	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
Heating							
Energy Source							
El a stui sites			2035	* *	1		В
Electricity	5%		2055		1		D
Natural Gas	5% 95%		2035 2035	* *	1		B
Natural Gas Conversion Equipment	95%		2035		1		В
Natural Gas	95% 10% N	ow \$2,500	2035 2035	* *		\$900	
Natural Gas Conversion Equipment	95% 10% N Other Observa	tion, Extent : Light, Area	2035 2035 Affected	* *	1	\$900	В
Natural Gas Conversion Equipment	95% 10% N Other Observa Location : 1	tion, Extent : Light, Area Obsolete Package Unit O	2035 2035 Affected	* *	1	\$900	В
Natural Gas Conversion Equipment Furnace	95% 10% N Other Observa Location : 1 Explanation	tion, Extent : Light, Area	2035 2035 Affected In The Ro	* * 2 : 95% Dof	1		B
Natural Gas Conversion Equipment	95% 10% N Other Observa Location : 1 Explanation 60%	tion, Extent : Light, Area Obsolete Package Unit O • Total - 7 Units	2035 2035 Affected on The Ro 2025	* * 2 : 95% pof \$14,700	1	\$900	В
Natural Gas Conversion Equipment Furnace	95% 10% N Other Observa Location : 1 Explanation 60% Other Observa	tion, Extent : Light, Area Obsolete Package Unit O • Total - 7 Units tion, Extent : Light, Area	2035 2035 Affected on The Ro 2025	* * 2 : 95% pof \$14,700	1		B
Natural Gas Conversion Equipment Furnace	95% 10% N Other Observa Location : 1 Explanation 60% Other Observa Location : Re	tion, Extent : Light, Area Obsolete Package Unit O • Total - 7 Units tion, Extent : Light, Area oof	2035 2035 Affected on The Ro 2025	* * 2 : 95% pof \$14,700	1		B
Natural Gas Conversion Equipment Furnace Furnace	95% 10% N Other Observa Location : 1 Explanation 60% Other Observa Location : Re Explanation	tion, Extent : Light, Area Obsolete Package Unit O • Total - 7 Units tion, Extent : Light, Area	2035 2035 Affected in The Ra 2025 Affected	* * pof \$14,700 1: 60%	1 1 1 1 1	\$6,300	B B B
Natural Gas Conversion Equipment Furnace	95% 10% N Other Observa Location : 1 Explanation 60% Other Observa Location : Ra Explanation 25%	tion, Extent : Light, Area Obsolete Package Unit O • Total - 7 Units tion, Extent : Light, Area oof • 3 Package Units	2035 2035 Affected in The Ro 2025 Affected 2033	* * bof \$14,700 2:60% * *	1		B
Natural Gas Conversion Equipment Furnace Furnace	95% 10% N Other Observa Location : 1 Explanation 60% Other Observa Location : Ro Explanation 25% Other Observa	tion, Extent : Light, Area Obsolete Package Unit O · Total - 7 Units tion, Extent : Light, Area oof · 3 Package Units tion, Extent : Light, Area	2035 2035 Affected in The Ro 2025 Affected 2033	* * bof \$14,700 2:60% * *	1 1 1 1 1	\$6,300	B B B
Natural Gas Conversion Equipment Furnace Furnace	95% 10% N Other Observa Location : 1 Explanation 60% Other Observa Location : Ro 25% Other Observa Location : Ro	tion, Extent : Light, Area Obsolete Package Unit O • Total - 7 Units tion, Extent : Light, Area oof • 3 Package Units tion, Extent : Light, Area oof	2035 2035 Affected in The Ro 2025 Affected 2033	* * bof \$14,700 2:60% * *	1 1 1 1 1	\$6,300	B B B
Natural Gas Conversion Equipment Furnace Furnace Furnace	95% 10% N Other Observa Location : 1 Explanation 60% Other Observa Location : Ra 25% Other Observa Location : Ra Location : Ra Location : Ra	tion, Extent : Light, Area Obsolete Package Unit O · Total - 7 Units tion, Extent : Light, Area oof · 3 Package Units tion, Extent : Light, Area	2035 2035 Affected in The Ro 2025 Affected 2033 Affected	** bof \$14,700 2:60% ** 1:25%	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$6,300 \$2,600	B B B B
Natural Gas Conversion Equipment Furnace Furnace Furnace Radiant Heater	95% 10% N Other Observa Location : 1 Explanation 60% Other Observa Location : Ro 25% Other Observa Location : Ro	tion, Extent : Light, Area Obsolete Package Unit O • Total - 7 Units tion, Extent : Light, Area oof • 3 Package Units tion, Extent : Light, Area oof	2035 2035 Affected in The Ro 2025 Affected 2033	* * bof \$14,700 2:60% * *	1 1 1 1 1	\$6,300	B B B
Natural Gas Conversion Equipment Furnace Furnace Furnace	95% 10% N Other Observa Location : 1 Explanation 60% Other Observa Location : Ra 25% Other Observa Location : Ra Location : Ra Location : Ra	tion, Extent : Light, Area Obsolete Package Unit O • Total - 7 Units tion, Extent : Light, Area oof • 3 Package Units tion, Extent : Light, Area oof	2035 2035 Affected in The Ro 2025 Affected 2033 Affected	** bof \$14,700 2:60% ** 1:25%	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$6,300 \$2,600	B B B B

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

Asset # : 4438

			55el # . 4					
Mechanical		Current Repair Future Replacement			Μ	Maintenance		
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
ir Conditioning								
Conversion Equipment Ext Pkg Unit - Heating/Cooling	30%			2025	\$39,800	2	\$400	В
Treating, Cooling	R-22 Refr Location	igerant, Extent 1 : Roof	: Light, Area A	ffected :	30%			
	Other Obs Location	servation, Exten 1 : Roof	nt : Light, Area	Affected	: 30%			
	Explana	tion : 3 Units						
Ext Pkg Unit - Heating/Cooling	20%			2033	* *	2	\$300	В
	Other Obs Location	servation, Exte 1 : Roof	nt : Light, Area	Affected	: 20%			
	Explana	tion : 1 Unit U	sing Refrigerar	nt R-410a	t.			
Ext Pkg Unit - Heating/Cooling	5%	Now	\$6,600	2035	* *	2	\$100	В
	Obsolete I Location	Equipment, Ext 1 : Roof	ent : Severe, A	rea Affec	ted : 10%			
		igerant, Extent	: Light, Area A	ffected :	10%			
Window/Wall Unit	5%			2020	\$2,100	1		В
No Component	40%				, ,			D
entilation								
Distribution	1000				de de	~ ~		Ð
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$18,700	В
Exhaust Fans Roof	000/			2025	¢14 400	2	\$600	р
Wall Unit	90% 10%			2023	\$14,400 \$3,000	2 2	\$600 \$100	B B
lumbing	1070			2020	\$5,000	2	\$100	D
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		В
Water Heater								
Gas Fired	100%			2020	\$4,700	2	\$300	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Backflow Preventer								
Generic	100%			2020	\$2,000	1	\$1,300	В
Fixtures								
Generic	100%							В
ire Suppression								
Sprinkler	1000/			2025	* *	1.0	¢ <i>E</i> 000	п
Generic	100%			2035		1-2	\$5,900	В

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

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

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

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

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



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

Asset # : 1996

Architecture		Current F	Repair π . Is		e Replacement	М	aintenance	
ystem								-
Component	% of Tatal		Estimated Cost		Estimated Cost	•	Estimated Cost	Priorit
Туре	Total	(Years)		FY		(Yrs)		Cod
xterior								
Exterior Walls								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	\$9,900	Α
Masonry: Brick	87%			LIFE	* *	5	\$22,000	А
Masonry: Brick	3%			LIFE	* *	5	\$800	А
Masonry: Limestone	2%			LIFE	* *	5	\$400	А
Window Wall	3%			2049	* *	5	\$2,800	А
Windows								
Aluminum	100%			2045	* *	5	\$3,400	А
Roof								
Clay Tile	93%	Now	\$47,500	2043	* *			А
2	Other Obs	ervation, E	xtent : Moderate, A	Area Affe	ected : 100%			
		a : Through						
	Explana	tion : Ice B	reakers Missing					
Copper/Terne	7%			2058	* *	10	\$2,800	А
terior	770			2030		10	<i>42,000</i>	71
Floors								
Carpet	27%			2024	\$55,400	3	\$6,900	С
Cast in Place Concrete	25%			LIFE	**	5	\$9,300	Č
Ceramic Tile	3%			2036	* *	5	\$500	Č
Quarry Tile	2%			2028	* *	5	\$500	Č
Raised Access Floor	15%			2036	* *	5	\$9,500	Č
Terrazzo	5%			LIFE	* *	5	\$700	Č
Vinyl Tile	23%			2028	* *	3	\$1,900	Č
Interior Walls	2570			2020		5	φ1,900	C
Ceramic Tile	3%			2036	* *	5	\$400	С
Concrete Masonry Unit	5%			LIFE	* *	5	\$300	C
Fabric on Framing	45%			2024	\$621,100	5	\$3,200	C
Gypsum Board	10%			LIFE	\$021,100	5	\$900	C
Gypsum Board	5%			LIFE	* *	5	\$400	C
Masonry: Brick	10%			LIFE	* *	5	ψτυυ	C
Plaster	20%			LIFE	* *	5	\$900	C
Wood	20%			LIFE	* *	5	\$1,100	C
Ceilings	2/0					5	ψ1,100	C
AcousTileSusp.Lay-In	15%			2040	* *	5	\$2,500	В
Exposed Concrete	20%			LIFE	* *	5	\$500	B
Gypsum Board	20% 15%			LIFE	* *	5	\$3,200	B
Plaster	13% 50%			LIFE	* *	5	\$5,200	B

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

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.

Asset # : 1996

Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Inder 600 Volts							
Service Equipment					_		_
Fused Disc Sw	Location	ervation, Extent : Moderate, A : Electrical Room ion : Main Service Disconnec			5 Deres		В
Switchgear / Switchboard					r • · · ·		
Fused Disc Sw	100%		2043	* *	5		В
Raceway Conduit	100%		2043	* *	1		В
Panelboards	100%		2043		1		Б
Molded Case Bkrs	100%		2039	* *	5	\$300	В
Wiring							_
Thermoplastic	100%		2043	* *	1		В
Motor Controllers Locally Mounted	100%		2036	* *	5	\$100	В
Ground	10070		2030		5	\$100	D
Grounding Devices							
Generic	100%		LIFE	* *	5	\$200	В
tand-by Power							
Transfer Switches	100-1			de de		** • • • •	-
Automatic	100%		2036	* *	1	\$3,300	В
Generators Diesel	50%		2032	* *	1	\$2,100	В
Diesei	/ -	ervation, Extent : Moderate, A			1	\$2,100	D
	Location	: Outside The Building					
	Explanat	ion : 2 - 125 Kva					
Diesel	50%		2032	* *	1	\$2,100	В
		ervation, Extent : Moderate, A : Generator Room	Area Affe	ected : 100%			
	Explanat	ion : 2 - 638 Kva, Kohler Pov	ver Syste	em			
Batteries							
Lead/Acid	100%		2017	\$600	5	\$400	В
Fuel Storage	500/		2020	* *	F	¢1.000	р
Day Tank Underground Storage	50% 50%		2039 LIFE	* *	5 5	\$1,000 \$300	B B
ighting	30%		LIFE		5	\$300	D
Interior Lighting							
Fluorescent	90%		2028	* *	10	\$9,000	В
	Other Obs Location	ervation, Extent : Moderate, A : Throughout The Building ion : T-8 Lamps		ected : 100%			
Fluorescent	8%		2028	* *	10	\$800	В
	Location	ervation, Extent : Moderate, A : Corridors		ected : 100%			
		ion : Compact Fluorescent Lo					
Incandescent	2%		2028	* *	2		В

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

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

Asset # : 1996

		-	Asset # : 1					
Electrical		Current Re	pair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
ighting								
Egress Lighting Emergency, Service Emergency, Battery Exit, Service	50% 10% 40%			2028 2028 2028	* * * * * *	1 10 1	\$300	B B B
ightning Protection								
Arresters/Cabling	1000/			2051	* *	~	¢200	D
Generic	Location	: Tower And	ent : Moderate, A Roof ghtning Rods	2051 Area Affe		5	\$300	В
larm			0 0					
Security System Generic	Location	: Inside And	ent : Moderate, A Outside The Bui	lding		1	\$4,100	В
	Explana	tion : CCTV S	Surveillance Syst	em And I	ntrusion Alarm Sy	stem		
Fire/Smoke Detection Generic	100% Other Obs	amention Fut		2028	* *	1-3	\$6,900	В
	Location	: Throughou	ent : Moderate, A t The Building					
	Location	: Throughou tion : Strobe I	t The Building Lights, Alarm Be	lls, Mani	ual Pull Stations A			
	Location Explana	: Throughou tion : Strobe I Current Re	t The Building Lights, Alarm Be pair	lls, Mani Futur	ual Pull Stations A	Μ	aintenance	
	Location	: Throughou tion : Strobe I Current Re	t The Building Lights, Alarm Be	lls, Mani Futur	ual Pull Stations A	Μ		Priorit; Cod
System Component Type leating	Location Explana	: Throughou tion : Strobe I Current Re Fail Date H	t The Building Lights, Alarm Be pair	lls, Mani Futur Year	ual Pull Stations A	M Cycle	aintenance	
System Component Type eating Energy Source Fuel Oil No 2	Location Explana	: Throughou tion : Strobe I Current Re Fail Date H	t The Building Lights, Alarm Be pair	lls, Mani Futur Year	ual Pull Stations A	M Cycle	aintenance	
System Component Type leating Energy Source	Location Explana % of Total 100% 100% Other Obs	E : Throughou tion : Strobe I Current Re Fail Date E (Years)	t The Building Lights, Alarm Be pair Estimated Cost	Ils, Manu Futur Year FY 2043 2040	e Replacement Estimated Cost **	M Cycle (Yrs)	aintenance Estimated Cost	Cod
System Component Type leating Energy Source Fuel Oil No 2 Conversion Equipment Hot Water Boiler	Location Explana % of Total 100% 0ther Obs Location	e : Throughou tion : Strobe I Current Re Fail Date E (Years)	t The Building Lights, Alarm Be pair Estimated Cost	Ils, Manu Futur Year FY 2043 2040	e Replacement Estimated Cost **	M Cycle (Yrs) 5	aintenance Estimated Cost \$3,400	Cod B
System Component Type leating Energy Source Fuel Oil No 2 Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	Location Explana % of Total 100% 0ther Obs Location	e : Throughou tion : Strobe I Current Re Fail Date E (Years)	t The Building Lights, Alarm Be pair Estimated Cost	Ils, Manu Futur Year FY 2043 2040	e Replacement Estimated Cost **	M Cycle (Yrs) 5	aintenance Estimated Cost \$3,400	Cod B
System Component Type eating Energy Source Fuel Oil No 2 Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	Location Explana % of Total 100% 0ther Obs Location Explana 100%	e : Throughou tion : Strobe I Current Re Fail Date E (Years)	t The Building Lights, Alarm Be pair Estimated Cost	lls, Manu Futur Year FY 2043 2040 Affected 2045	e Replacement Estimated Cost ** : 100%	Cycle (Yrs) 5 1	aintenance Estimated Cost \$3,400 \$5,400 \$800	Cod B B B
System Component Type leating Energy Source Fuel Oil No 2 Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump	Location Explana % of Total 100% 0ther Obs Location Explana 100% 60% Other Obs	e : Throughou tion : Strobe I Current Re Fail Date F (Years) ervation, Ext : Basement I tion : 2 Units	t The Building Lights, Alarm Be pair Estimated Cost Estimated Cost Boiler Room ent : Light, Area	Ils, Manu Futur Year FY 2043 2040 Affected 2045 2031	e Replacement Estimated Cost ** ** : 100%	Cycle (Yrs) 5 1	aintenance Estimated Cost \$3,400 \$5,400	Cod B B
System Type Iceating Energy Source Fuel Oil No 2 Conversion Equipment Hot Water Boiler Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Fuel Devices	Location Explana % of Total 100% 100% 0ther Obs Location Explana 100% 60% 0ther Obs Location Explana	e : Throughou tion : Strobe I Current Re Fail Date F (Years) ervation, Ext : Basement I tion : 2 Units ervation, Ext : Throughou	t The Building Lights, Alarm Be pair Estimated Cost Estimated Cost ent : Light, Area Boiler Room	Ils, Manu Futur Year FY 2043 2040 Affected 2045 2031 Affected te The B	e Replacement Estimated Cost ** ** ** ** ** ** ** ** ** ** ** ** **	M Cycle (Yrs) 5 1 4 1	aintenance Estimated Cost \$3,400 \$5,400 \$800 \$800 \$4,000	Cod B B B B
System Component Type leating Energy Source Fuel Oil No 2 Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	Location Explana % of Total 100% 100% 0ther Obs Location Explana 100% 60% Other Obs Location	e : Throughou tion : Strobe I Current Re Fail Date F (Years) ervation, Ext : Basement I tion : 2 Units ervation, Ext : Throughou	t The Building Lights, Alarm Be pair Estimated Cost Estimated Cost ent : Light, Area Boiler Room	Ils, Manu Futur Year FY 2043 2040 Affected 2045 2031 Affected	ual Pull Stations A e Replacement Estimated Cost ** ** *: 100% ** *: 100%	M Cycle (Yrs) 5 1 4 1	aintenance Estimated Cost \$3,400 \$5,400 \$800 \$4,000	Cod B B B
Type leating Energy Source Fuel Oil No 2 Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Location Explana % of Total 100% 100% 0ther Obs Location Explana 100% 60% 0ther Obs Location Explana	e : Throughou tion : Strobe I Current Re Fail Date F (Years) ervation, Ext : Basement I tion : 2 Units ervation, Ext : Throughou	t The Building Lights, Alarm Be pair Estimated Cost Estimated Cost ent : Light, Area Boiler Room	Ils, Manu Futur Year FY 2043 2040 Affected 2045 2031 Affected te The B	e Replacement Estimated Cost ** ** ** ** ** ** ** ** ** ** ** ** **	Cycle (Yrs) 5 1 4 1 The Cap	aintenance Estimated Cost \$3,400 \$5,400 \$800 \$800 \$4,000	Cod B B B B

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

Asset # : 1996

Mechanical	Current Repair Future Replacement			e Replacement	Μ	_	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning							
Conversion Equipment							
Reciprocating	80%		2028	* *	1	\$4,000	В
Compr/Chiller				0.00 (
		gerant, Extent : Light, Area A : Outside In The Yard	ffected :	80%			
No Component	20%						D
Distribution							
Chilled Wtr Pipe/Pump	80%		2043	* *	4	\$400	В
No Component	20%						D
Terminal Devices							
Air Handler/Cool/Ht	80%		2031	* *	1	\$5,400	В
No Component	20%						D
Heat Rejection							
Remote Air Cond	80%		2028	* *	2	\$6,100	В
No Component	20%						D
ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,100	В
Exhaust Fans							
Interior	100%		2031	* *	2	\$300	В
lumbing							
H/C Water Piping							
Brass/Copper	100%		2043	* *	1		В
Water Heater							
Gas Fired	100%		2022	\$2,400	2	\$200	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В
ire Suppression							
Sprinkler							
No Component	30%						D
Generic	70%		2049	* *	1-2	\$2,100	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.

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

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

CAPITAL

Total			
Priority			
Total			

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



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

 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Asset # : 1994

		Asset # : 1	994				
Architecture		Current Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
xterior			1				
Exterior Walls							
Cast Stone/Terra Cotta	5%		LIFE	* *	5	\$13,800	А
		Progress, Extent : Light, Are	a Affecte	d : 25%			
	Location	a : Cornices					
Masonry: Brick	92%		LIFE	* *	5	\$32,500	Α
		e Progress, Extent : Light, Are a : Throughout	a Affecte	d : 25%			
Masonry: Limestone	3%		LIFE	* *	5	\$800	А
	-	e Progress, Extent : Light, Are a : Spandrels, Lintels	a Affecte	d : 25%			
Windows							
Aluminum	100%		2048	* *	5	\$6,000	А
		place Evident, Extent : Light, 1 : Throughout	Area Aff	ected : 100%			
Roof							
Clay Tile	100%		2043	* *	10	\$28,700	А
	-	e Progress, Extent : Light, Are a : Throughout	a Affecte	d : 25%			
terior							
Floors	100-1						-
Under Construction	100%						D
Interior Walls Under Construction	100%						D
Ceilings	100%						D
Under Construction	100%						D
Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
ystem Component	% of	Fail Date Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priorit
Туре	Total	(Years)	FY		(Yrs)		Cod
nder 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	1005						
Under Construction	100%						D
Wiring Under Construction	1000/						Л
Under Construction Motor Controllers	100%						D
Under Construction	100%						D
round	100%						D

Ground

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

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FIRE DEPARTMENT - 057 COMMUNICATIONS CENTER-BROOKLYN

Asset # : 1994

		Asset # : 1	994		
Electrical		Current Repair	Future Replacement	Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priorit Cod
round					
Grounding Devices					
Under Construction	100%				D
tand-by Power					
Transfer Switches	100%				D
Under Construction Generators	100%				D
Under Construction	100%				D
Batteries	10070				D
Under Construction	100%				D
Fuel Storage					
Under Construction	100%				D
ighting					
Interior Lighting					
Under Construction	100%				D
Egress Lighting					
Under Construction	100%				D
Exterior Lighting	1000/				D
Under Construction	100%				D
ightning Protection Arresters/Cabling					
Under Construction	100%				D
Alarm	10070				D
Security System					
Under Construction	100%				D
Fire/Smoke Detection					
Under Construction	100%				D
		Current Densir	Eutura Danlagoment	Maintonanaa	
Mechanical		Current Repair	Future Replacement	Maintenance	
System Component	% of	Fail Date Estimated Cost	Year Estimated Cost	Cycle Estimated Cost	Priorit
Туре	Total	(Years)	FY	(Yrs)	Cod
Ieating				4	
Energy Source					
Under Construction	100%				D
		servation, Extent : Light, Area	Affected : 0%		
	Location			T	
	Explana	tion : The Building Is Under C	construction. No Access To	Interior	
Conversion Equipment	1000/				Л
Not Accessible	100%				D
Distribution Not Accessible	100%				D
	100%				D

Not Accessible Air Conditioning

Terminal Devices

Not Accessible

Energy Source

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

100%

100%

Asset # : 1994

A355Cl # . 1334					
Mechanical		Current Repair	Future Replacement	Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priorit Cod
Air Conditioning					
Conversion Equipment					
Not Accessible	100%				D
Distribution					
Not Accessible	100%				D
Terminal Devices					
Not Accessible	100%				D
Heat Rejection					
Not Accessible	100%				D
Ventilation					
Distribution					
Not Accessible	100%				D
Exhaust Fans					
Not Accessible	100%				D
Plumbing					
H/C Water Piping					
Not Accessible	100%				D
Water Heater					
Not Accessible	100%				D
HW Heat Exchanger					
Not Accessible	100%				D
Sanitary Piping					
Not Accessible	100%				D
Storm Drain Piping					
Not Accessible	100%				D
Sump Pump(s)					
Not Accessible	100%				D
Sewage Ejector(s)					
Not Accessible	100%				D
Backflow Preventer					
Not Accessible	100%				D
Fixtures					
Not Accessible	100%				D
Fire Suppression					
Standpipe					
Not Accessible	100%				D
Sprinkler					
Not Accessible	100%				D
Fire Pump					
Not Accessible	100%				D

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

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

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

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

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



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

 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Asset # : 1993

rchitecture	Current R	epair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
terior			-				-
Exterior Walls Masonry: Brick	2% Now Broken/Missing Elem Location : Coping A Other Observation, E Location : Chimney	t Chimney xtent : Moderate, A			5	\$700	А
Massamu Casaita	Explanation : Stucco	o On Brick	LIDE	* *	-	\$16700	٨
Masonry: Granite Pre-Cast Concrete	68% 30%		LIFE LIFE	* *	5 5	\$16,700 \$32,000	A A
Windows	5070		LIFL		5	\$52,000	Л
Aluminum	90% Recent Replace Evide Location : Throughd	-	2045 Area Aff	* * ected : 100%	5	\$5,000	А
Metal Louvers	10%		2032	* *	10	\$3,500	А
Parapets Pre-Cast Concrete	100% Recent Repair Eviden Location : Throught		LIFE rea Affe	* * cted : 25%	5	\$81,800	А
Roof	0						
Copper/Terne Copper/Terne	90% 10% Recent Replace Evide		2038 2058 Area Aff	* * * * ected : 100%	10 10	\$120,000 \$13,300	A A
	Location : At Perim	eter					
terior Floors Under Construction	100%						D
Interior Walls Under Construction	100%						D
Ceilings Under Construction	100%						D
lectrical	Current R	epair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
nder 600 Volts							
Service Equipment Molded Case Bkrs	100% Other Observation, E Location : Electrica Explanation : Main	l Room			5 mperes /	\$400	В
Transformers Dry Type	100% Other Observation, E Location : Electrica Explanation : 75 Ky	xtent : Moderate, / l Room	2021	\$15,500	5	\$100	В

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

Asset # : 1993

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

Note: 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.

Asset # : 1993

		ASS	et # : 1993	J				
Electrical	Current Repair F			Future Replacement			Maintenance	
System Component	% of Total	Fail Date Estima (Years)		lear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
Type								
ighting Egress Lighting								
Emergency, Service	50%		20	031	* *	1		В
Emergency, Battery	5%		20	031	* *	10	\$200	В
Exit, LED	45%		20	058	* *	1		В
Exterior Lighting								
HID	100%		20	018	\$5,100	10		В
Lightning Protection								
Arresters/Cabling	1000/		20	026	* *	5	¢<00	р
Generic Marm	100%		20	020		5	\$600	В
Security System								
Generic	100%		20	023	\$42,200	1	\$5,000	В
	Other Obs	ervation, Extent : I			. ,		. ,	
	Location	: Throughout The	Building					
	Explana	tion : CCTV Survei	llance System	And I	ntrusion Alarm Sys	stem		
Fire/Smoke Detection Under Construction	100%							D
Mechanical		Current Repair	F	Future	e Replacement	M	aintenance	
System Component	% of Total	Current Repair Fail Date Estima (Years)	ated Cost Y		Replacement Estimated Cost		aintenance Estimated Cost	
System Component Type		Fail Date Estimation	ated Cost Y	lear		Cycle		
System Component Type		Fail Date Estimation	ated Cost Y	lear		Cycle		
System Component Type Ieating Energy Source	Total	Fail Date Estimation	ated Cost Y	lear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Cod
System Component Type Ieating Energy Source Fuel Oil No 2	Total 100% 100%	Fail Date Estima (Years)	ated Cost Y 1 20 20	Year FY 033 043	Estimated Cost * * * *	Cycle (Yrs)	Estimated Cost	Cod
System Component Type Heating Energy Source Fuel Oil No 2 Conversion Equipment	Total 100% 100% Recent Re	Fail Date Estima (Years)	ated Cost Y 1 2(2(ent : Light, Area	Year FY 033 043	Estimated Cost * * * *	Cycle (Yrs) 5	Estimated Cost \$3,900	Cod B
System Component Type Heating Energy Source Fuel Oil No 2 Conversion Equipment	Total 100% 100% Recent Re Location	Fail Date Estima (Years)	ated Cost Y 1 2(ent : Light, Arec Room	Year FY 033 043 ea Affe	Estimated Cost ** ccted : 100%	Cycle (Yrs) 5	Estimated Cost \$3,900	Cod B
System Component Type Heating Energy Source Fuel Oil No 2 Conversion Equipment	Total 100% 100% Recent Re Location Other Obs	Fail Date Estima (Years) place Evident, Exten : Basement Boiler ervation, Extent : 1	ated Cost Y 1 2(20 2(20 2) 2() 2(Year FY 033 043 ea Affe	Estimated Cost ** ccted : 100%	Cycle (Yrs) 5	Estimated Cost \$3,900	Cod B
System Component Type leating Energy Source Fuel Oil No 2 Conversion Equipment	Total 100% 100% Recent Re Location Other Obs Location	Fail Date Estima (Years) place Evident, Exte : Basement Boiler ervation, Extent : 1 : Basement Boiler	ated Cost Y 1 2(20 2(20 2) 2() 2(Year FY 033 043 ea Affe	Estimated Cost ** ccted : 100%	Cycle (Yrs) 5	Estimated Cost \$3,900	Cod B
System Component Type Heating Energy Source Fuel Oil No 2 Conversion Equipment Steam Boiler	Total 100% 100% Recent Re Location Other Obs Location	Fail Date Estima (Years) place Evident, Exten : Basement Boiler ervation, Extent : 1	ated Cost Y 1 2(20 2(20 2) 2() 2(Year FY 033 043 ea Affe	Estimated Cost ** ccted : 100%	Cycle (Yrs) 5	Estimated Cost \$3,900	Cod B
System Component Type leating Energy Source Fuel Oil No 2 Conversion Equipment Steam Boiler Distribution	Total 100% 100% Recent Re Location Other Obs Location	Fail Date Estima (Years) place Evident, Exte : Basement Boiler ervation, Extent : 1 : Basement Boiler	ated Cost Y 1 2(2(ent : Light, Area Room Light, Area Affe Room	Year FY 033 043 ea Affe	Estimated Cost ** ccted : 100%	Cycle (Yrs) 5	Estimated Cost \$3,900	Cod B
System Component Type Ieating Energy Source Fuel Oil No 2 Conversion Equipment Steam Boiler	Total 100% 100% Recent Re Location Other Obs Location Explana	Fail Date Estima (Years) place Evident, Exte : Basement Boiler ervation, Extent : 1 : Basement Boiler	ated Cost Y 1 2(20 2(2(2(2) 2() 2) 2(2) 2(2) 2() 2) 2() 2(Cear FY 033 043 ca Affe fected	Estimated Cost * * ected : 100%	Cycle (Yrs) 5 1	Estimated Cost \$3,900 \$12,400	Cod B B
System Component Type leating Energy Source Fuel Oil No 2 Conversion Equipment Steam Boiler Distribution Hot Wtr Piping/Pump	Total 100% 100% Recent Re Location Other Obs Location Explanat 50% 50% Other Obs	Fail Date Estima (Years)	ated Cost Y 1 2(2(ent : Light, Area Room Light, Area Affa Room 2(2(2(2(Vear FY 033 043 0a Affe cected 022 053	Estimated Cost ** ** ** ** ** ** **	Cycle (Yrs) 5 1 4	Estimated Cost \$3,900 \$12,400 \$300	Cod B B B
System Component Type leating Energy Source Fuel Oil No 2 Conversion Equipment Steam Boiler Distribution Hot Wtr Piping/Pump	Total 100% 100% Recent Re Location Other Obs Location Explanat 50% 50% Other Obs Location	Fail Date Estima (Years)	ated Cost Y 1 2(2(2(2(2(2(2(2(2(2(2(2(2(Zear FY 033 043 0a Affe ĉected 022 053 ĉected	Estimated Cost ** ** ** ** ** ** **	Cycle (Yrs) 5 1 4	Estimated Cost \$3,900 \$12,400 \$300	Cod B B B
System Component Type Ieating Energy Source Fuel Oil No 2 Conversion Equipment Steam Boiler Distribution Hot Wtr Piping/Pump Steam Piping/Pump	Total 100% 100% Recent Re Location Other Obs Location Explanat 50% 50% Other Obs Location	Fail Date Estima (Years)	ated Cost Y 1 2(2(2(2(2(2(2(2(2(2(2(2(2(Zear FY 033 043 0a Affe cected 022 053 cected	Estimated Cost ** ** ** ** ** ** **	Cycle (Yrs) 5 1 4	Estimated Cost \$3,900 \$12,400 \$300	Cod B B B
System Component Type Heating Energy Source Fuel Oil No 2 Conversion Equipment Steam Boiler Distribution Hot Wtr Piping/Pump Steam Piping/Pump	Total 100% 100% Recent Re Location Other Obs Location 50% 50% Other Obs Location Explana	Fail Date Estima (Years)	ated Cost Y 1 2(2(2(2(2(2(2(2(2(2(2(2(2(Zear FY 033 043 a Affe 022 053 cected Replo	Estimated Cost ** ** ** ** ** ** **	Cycle (Yrs) 5 1 4 4 4	Estimated Cost \$3,900 \$12,400 \$300 \$500	Cod B B B B
System Component Type Heating Energy Source Fuel Oil No 2 Conversion Equipment Steam Boiler Distribution Hot Wtr Piping/Pump Steam Piping/Pump Terminal Devices Convector/Radiator	Total 100% 100% Recent Re Location Other Obs Location 50% 50% Other Obs Location Explanat	Fail Date Estima (Years)	ated Cost Y 1 2(2(2(2(2(2(2(2(2(2(2(2(2(Zear FY 033 043 0a Affe cected 022 053 cected	Estimated Cost ** ** ** ** ** ** **	Cycle (Yrs) 5 1 4	Estimated Cost \$3,900 \$12,400 \$300	B B B
System Component Type Heating Energy Source Fuel Oil No 2 Conversion Equipment Steam Boiler Distribution Hot Wtr Piping/Pump Steam Piping/Pump Terminal Devices Convector/Radiator Under Construction	Total 100% 100% Recent Re Location Other Obs Location 50% 50% Other Obs Location Explana	Fail Date Estima (Years)	ated Cost Y 1 2(2(2(2(2(2(2(2(2(2(2(2(2(Zear FY 033 043 a Affe 022 053 cected Replo	Estimated Cost ** ** ** ** ** ** **	Cycle (Yrs) 5 1 4 4 4	Estimated Cost \$3,900 \$12,400 \$300 \$500	Cod B B B B
Type Heating Energy Source Fuel Oil No 2 Conversion Equipment Steam Boiler Distribution Hot Wtr Piping/Pump Steam Piping/Pump Steam Piping/Pump Terminal Devices Convector/Radiator	Total 100% 100% Recent Re Location Other Obs Location 50% 50% Other Obs Location Explanat	Fail Date Estima (Years)	ated Cost Y 1 2(2(2(2(2(2(2(2(2(2(2(2(2(Zear FY 033 043 a Affe 022 053 cected Replo	Estimated Cost ** ** ** ** ** ** **	Cycle (Yrs) 5 1 4 4 4	Estimated Cost \$3,900 \$12,400 \$300 \$500	Cod B B B B B

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

Asset # : 1993

lechanical		Current Rep	pair	Futur	e Replacem	ent	Μ	aintenance	
ystem Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated	Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
ir Conditioning									
Conversion Equipment Reciprocating Compr/Chiller	40%			2033		* *	1	\$2,300	В
	Location	ı : Rear Yard	ent : Light, Area · Conditioning S			mior	tion Fau	inmant Doom	
No Component	-	non . New An	Containioning S	system 10	T New Comm	иписи	non Equ	иртені Коот	D
No Component Under Construction	20% 40%								D D
Distribution	4070								D
Chilled Wtr Pipe/Pump		servation, Exte 1 : Rear Yard	ent : Light, Area	2053 1 Affected	: 40%	* *	4	\$400	В
			· Conditioning S	System Fo	r New Comn	unica	tion Eau	inment Room	
No Component	20%		sommening b	.,	conur			T	D
Under Construction	40%								D
Terminal Devices	1070								D
Direct Expansion	40%			2033		* *	1		В
2 noor 2npanoron		servation, Ext	ent : Light, Area		: 40%		-		2
		1 : Basement	0 /	55					
	Explana	tion : New Air	· Conditioning S	System Fo	r New Comn	unica	tion Equ	ipment Room	
No Component	20%			-			1	1	D
Under Construction	40%								D
Heat Rejection	.070								2
Remote Air Cond	40%			2033		* *	2	\$3,500	В
		servation, Exte	ent : Light, Area		: 40%			1 - 7	
	Location	ı : Rear Yard							
	Explana	tion : New Air	· Conditioning S	System Fo	r New Comn	nunica	tion Equ	ipment Room	
No Component	20%								D
Under Construction	40%								D
entilation									
Distribution									
Ductwork/Diffusers	40%			LIFE		* *	2-5	\$2,800	В
	Other Ob.	servation, Exte	ent : Light, Area	ı Affected	: 40%				
	Location	n : Communice	ation Equipment	t Room, B	Basement				
	Explana	tion : New Du	ctwork						
Under Construction	60%								D
Exhaust Fans	2070								_
Roof	30%			2018	\$3	,100	2	\$100	В
Under Construction	70%			-		-			D
lumbing									
H/C Water Piping									
Brass/Copper	20%			2033		* *	1		В
Galv Iron/Steel	80%			2021	\$31	,200	1		В
Water Heater									
Electric	100%			2021	\$2	,000,	4	\$100	В
Sanitary Piping									
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.*

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

Asset # : 1993

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

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

 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

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

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

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

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



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

Asset # : 1995

System Component	Current Repair Future Replacement			Μ				
Туре	% 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	\$20,400	А
Masonry: Granite	3%			LIFE	* *	5	\$500	Α
Masonry: Limestone	10%	Now	\$13,800	LIFE	* *	5	\$1,800	А
	Jnt Morta	r Miss/Erod	, Extent : Light, A	rea Affec	rted : 10%			
		: Cornices						
	-	-	Extent : Moderate	e, Area A	ffected : 10%			
	Location	: Cornices						
Metal Coiling Doors	2%			2028	* *	5	\$1,500	А
Windows								
Aluminum	100%			2045	* *	5	\$4,100	А
Roof								
Clay Tile	95%	Now	\$146,300	2043	* *			А
		-	ents, Extent : Ligh	t, Area A	ffected : 5%			
	Location	: Throughd	out					
	Gut/DS No	on Func/Mi	ss, Extent : Moder	ate, Area	Affected : 25%			
	Location	: Through	out					
	Miss/Dam	aged Flashi	ings, Extent : Mod	erate, Ar	ea Affected : 20%			
	Location	: At Dome						
	Water Pen	etration, E	tent : Moderate, A	Area Affe	cted : 10%			
	Location	: At Dome						
Copper/Terne	5%			2058	* *	10	\$4,900	А
terior								
Floors								
Carpet	30%			2024	\$49,800	3	\$6,200	С
Cast in Place Concrete	20%			LIFE	* *	5	\$6,000	С
Ceramic Tile	5%			2036	* *	5	\$700	С
Raised Access Floor	20%			2036	* *	5	\$10,300	С
Terrazzo	5%			LIFE	* *	5	\$500	С
Vinyl Tile	20%			2031	* *	3	\$1,400	С
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			С
Ceramic Tile	5%			2036	* *	5	\$900	С
	20%			2027	* *	5	\$1,800	0
Fabric on Framing	35%			LIFE	* *	5	\$3,700	C
•					* *			C C
Fabric on Framing Gypsum Board Masonry: Brick	10%			LIFE				С
Gypsum Board	10% 5%	Now	\$700	LIFE LIFE	* *	5	\$300	
Gypsum Board Masonry: Brick	5%			LIFE	* *	5	\$300	C C
Gypsum Board Masonry: Brick	5% Cracking/	Crumbling,	\$700 Extent : Moderate ication Room	LIFE	* *	5	\$300	C C
Gypsum Board Masonry: Brick	5% Cracking/ Location	Crumbling, : Commun	Extent : Moderate ication Room	LIFE e, Area Aj	* * ffected : 5%	5	\$300	C C
Gypsum Board Masonry: Brick	5% Cracking/ Location Water Pen	Crumbling, 2 : Commun 2 : Cotton, Ex	Extent : Moderate	LIFE e, Area Aj	* * ffected : 5%	5	\$300	C C

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

Asset # : 1995

Architecture		ASSEL # . 1 Current Repair		e Replacement	М	aintenance	
							_
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
nterior							
Ceilings	5 00/		• • • •	di di	_	<i></i>	
AcousTileSusp.Lay-In	50%		2040	* *	5	\$6,900	B
Exposed Concrete	20%		LIFE	* *	5	\$400 \$1,700	B
Gypsum Board Plaster	10% 5%		LIFE LIFE	* *	5 5	\$1,700	B B
Flaster	Cracking/ Location Water Per	Now \$1,700 (Crumbling, Extent : Moderat 1 : Communication Room netration, Extent : Moderate, 1 : Communication Room	e, Area A	ffected : 5%	5	\$400	D
Plaster	15%		LIFE	* *	5	\$1,300	В
Electrical		Current Repair	Futur	re Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
Inder 600 Volts							
Service Equipment Fused Disc Sw		servation, Extent : Moderate, 1 : Electrical Room	2043 Area Affe	* * ected : 100%	5		В
	Explana	tion : Main Service Disconne	ect Switch	Rated @ 2000 Ar	nperes		
Transformers							
Dry Type		servation, Extent : Moderate,	2036 Area Affe	* * ected : 100%	5		В
		1 : Electrical Room tion : 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	\$300	В
Wiring Thermoplastic	100%		2043	* *	1		В
Motor Controllers							
Locally Mounted	100%		2036	* *	5	\$100	В
Fround Grounding Devices							
Generic		servation, Extent : Moderate, 1 : Water Meter Room	LIFE Area Affe	* * ected : 100%	5	\$100	В
		tion : Connected To Main We	ater Pipe.				
tand-by Power							
Transfer Switches Automatic	100%		2036	* *	1	\$3,000	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.

Asset # : 1995

Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
tand-by Power							
Generators Diesel	50% Other Ob	servation, Extent : Moderate	2032 . Area Affe	* * cted : 100%	1	\$1,900	В
	Location	1 : Generator Room tion : 2 - 638 Kva Kohler Po					
Diesel	Location	servation, Extent : Moderate 1 : Outside The Building tion : 2 - 125 Kva	2032 , Area Affe	* * cted : 100%	1	\$1,900	В
Batteries							
Lead/Acid	100%		2017	\$600	5	\$400	В
Fuel Storage							
Day Tank	50%		2039	* *	5	\$900	В
Underground Storage	50%		LIFE	* *	5	\$300	В
ighting							
Interior Lighting							
Fluorescent	70%		2028	* *	10	\$5,900	В
	Location	servation, Extent : Moderate 1 : Throughout The Building tion : T-8 Lamps	, Area Affe	cted : 100%			
Fluorescent	30%		2028	* *	10	\$2,500	В
	Location	servation, Extent : Moderate 1 : Corridors And Offices		cted : 100%		. ,	
	Explana	tion : Compact Fluorescent	Lamps				
Egress Lighting	500/		2020	ste ste			D
Emergency, Service	50%		2028	* *	1	¢200	B
Emergency, Battery	10%		2028 2028	* *	10 1	\$200	B B
Exit, Service Exterior Lighting	40%		2028		1		D
HID	100%		2028	* *	10		В
larm	10070		2028		10		D
Security System							
Generic	100%		2028	* *	1	\$3,700	В
Generic	Other Ob.	servation, Extent : Moderate 1 : Inside And Outside The B	, Area Affe	cted : 100%	1	ψ5,700	D
	Explana	tion : CCTV Surveillance Sy	stem And I	ntrusion Alarm Sy	stem		
Fire/Smoke Detection							
Generic	100%		2028	* *	1-3	\$6,200	В
		servation, Extent : Moderate	, Area Affe	cted : 100%			
		ı : Throughout The Building					
	Explana	tion : Strobe Lights, Manual	l Pull Statio	ons, Smoke Detecte	ors, Alari	n Bells	

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

Heating

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.

Asset # : 1995

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

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

Asset # : 1995

Mechanical	Current Repair	Future Repla	cement	М	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Backflow Preventer						
Generic	100%	2028	* *	1	\$600	В
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			С
	Other Observation, Extent :	Light, Area Affected : 100%				
	Location : B-1					
	Explanation : 1 Unit					
Fire Suppression						
Sprinkler						
Generic	100%	2043	* *	1-2	\$2,600	В
Fire Pump						
Generic	100%	2032	* *	1	\$1,700	В

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

 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

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

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

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

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture			\$5,300	
Electrical	\$29,400	\$1,600	\$2,400	\$1,700
Mechanical	\$7,300	\$2,700	\$3,200	\$5,200
Total	\$36,700	\$4,300	\$10,900	\$6,900
Priority A			\$5,300	
Priority B	\$36,700	\$4,300	\$5,500	\$6,900
Total	\$36,700	\$4,300	\$10,900	\$6,900



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

 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

Asset # : 1997

		Asset # : 1	997				
Architecture		Current Repair	Futur	e Replacement	М	laintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
terior							
Exterior Walls							
Cast in Place Concrete	3%		LIFE	* *	5	\$1,400	Α
Masonry: Brick	80%		LIFE	* *	5	\$7,600	Α
		pair Evident, Extent : Light, A 2 : Throughout	rea Affe	cted : 25%			
Metal Panel	5%		2043	* *	5-10	\$3,300	Α
Metal Panel	10%		2043	* *	5-10	\$6,600	Α
Window Wall	2%		2043	* *	5	\$700	Α
Windows							
Aluminum	95%		2048	* *	5	\$2,600	А
		place Evident, Extent : Light, : Throughout	Area Aff	Tected : 100%			
Glass Block	5%		LIFE	* *	5	\$100	А
	Recent Re	place Evident, Extent : Light,	Area Aff	ected : 100%			
	Location	e : North Facade					
Roof							
Modified Bitumen	90%		2033	* *	10	\$9,000	Α
	Recent Re	place Evident, Extent : Light,	Area Aff	ected : 100%			
	Location	: Throughout					
Modified Bitumen	10%		2028	* *	10	\$1,000	А
terior							
Floors							
Under Construction	100%						D
Interior Walls							
Under Construction	100%						D
Ceilings							
Under Construction	100%						D
lectrical		Current Repair	Futur	e Replacement	М	aintenance	
ystem Component		Fail Date Estimated Cost		Estimated Cost		Estimated Cost	Priori
Туре	Total	(Years)	FY		(Yrs)		Cod
nder 600 Volts							
Service Equipment							
Not Accessible	100%						D
Transformers	10070						ν
Not Accessible	100%						D
Switchgear / Switchboard	10070						D
Not Accessible	100%						D
Raceway				* • - • -			
Conduit	50%		2023	\$9,700	1		В
Conduit	50%		2049	* *	1		В
Panelboards					-		_
Molded Case Bkrs	50%		2022	\$11,500	5	\$200	В
Molded Case Bkrs	50%		2045	* *	5	\$200	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.

Asset # : 1997

				997				
Electrical	I	Current Repair		Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estin (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
nder 600 Volts								
Wiring								
Thermoplastic	50%			2033	* *	1		В
Thermoplastic	50%			2049	* *	1		В
Motor Controllers	1000/			20.40	* *	-	¢100	D
Locally Mounted	100%			2040	* *	5	\$100	В
round								
Grounding Devices Not Accessible	100%							D
tand-by Power	10070							D
Transfer Switches								
Not Accessible	100%							D
Generators								
Diesel	40%	Now	\$27,500	2038	* *	1	\$1,600	В
	Other Obs	ervation, Extent		Area Affe	cted : 100%			
	Location	: Sub Basement						
	Explanat	ion : Not Opera	tional, (2) 200) Kw Cui	nmimns Genset			
Diesel	40%			2036	* *	1	\$1,800	В
	Other Obs	ervation, Extent	: Moderate, A	Area Affe	cted : 100%			
	Location	: Generator Roo	om					
	Explanat	ion : (2) 638 Kv	a, Kohler Pov	ver Syste	т			
Diesel	20%			2036	* *	1	\$900	В
	Other Obs	ervation, Extent	· Moderate	A				
			. Mouerule, r	Area Affe	cted : 100%			
	Location	: Outside		Area Affe	cted : 100%			
	Location			Area Affe	cted : 100%			
Batteries	Location Explanat	: Outside						
Lead/Acid	Location	: Outside		2018	cted : 100% \$600	5	\$400	В
Lead/Acid Fuel Storage	Location Explanat 100%	: Outside		2018	\$600			
Lead/Acid Fuel Storage Day Tank	Location Explanat 100% 50%	: Outside		2018 2045	\$600	5	\$1,100	В
Lead/Acid Fuel Storage Day Tank Underground Storage	Location Explanat 100%	: Outside		2018	\$600			
Lead/Acid Fuel Storage Day Tank Underground Storage ighting	Location Explanat 100% 50%	: Outside		2018 2045	\$600	5	\$1,100	В
Lead/Acid Fuel Storage Day Tank Underground Storage ighting Interior Lighting	Location Explanat 100% 50% 50%	: Outside		2018 2045 LIFE	\$600	5 5	\$1,100 \$400	B B
Lead/Acid Fuel Storage Day Tank Underground Storage ighting	Location Explanat 100% 50% 50% 70%	: Outside ion : No Availab	ole Ratings	2018 2045 LIFE 2031	\$600 ** **	5	\$1,100	В
Lead/Acid Fuel Storage Day Tank Underground Storage ighting Interior Lighting	Location Explanat 100% 50% 50% 70% Other Obs	: Outside ion : No Availab	ele Ratings	2018 2045 LIFE 2031	\$600 ** **	5 5	\$1,100 \$400	B B
Lead/Acid Fuel Storage Day Tank Underground Storage ighting Interior Lighting	Location Explanat 100% 50% 50% 50% 70% Other Obs Location	: Outside ion : No Availab ervation, Extent : Throughout Ti	ole Ratings : Moderate, A he Building	2018 2045 LIFE 2031	\$600 ** **	5 5	\$1,100 \$400	B B
Lead/Acid Fuel Storage Day Tank Underground Storage ighting Interior Lighting Fluorescent	Location Explanat 100% 50% 50% 70% Other Obs Location Explanat	: Outside ion : No Availab	ole Ratings : Moderate, A he Building	2018 2045 LIFE 2031	\$600 ** **	5 5	\$1,100 \$400	B B B
Lead/Acid Fuel Storage Day Tank Underground Storage ighting Interior Lighting Fluorescent Under Construction	Location Explanat 100% 50% 50% 50% 70% Other Obs Location	: Outside ion : No Availab ervation, Extent : Throughout Ti	ole Ratings : Moderate, A he Building	2018 2045 LIFE 2031	\$600 ** **	5 5	\$1,100 \$400	B B
Lead/Acid Fuel Storage Day Tank Underground Storage ighting Interior Lighting Fluorescent Under Construction Egress Lighting	Location Explanat 100% 50% 50% 70% Other Obs Location Explanat 30%	: Outside ion : No Availab ervation, Extent : Throughout Ti	ole Ratings : Moderate, A he Building	2018 2045 LIFE 2031 Area Affe	\$600 ** **	5 5	\$1,100 \$400	B B D
Lead/Acid Fuel Storage Day Tank Underground Storage ighting Interior Lighting Fluorescent Under Construction Egress Lighting Emergency, Service	Location Explanat 100% 50% 50% 70% Other Obs Location Explanat 30%	: Outside ion : No Availab ervation, Extent : Throughout Ti	ele Ratings : Moderate, A he Building	2018 2045 LIFE 2031 Area Affe 2031	\$600 ** ** cted : 100%	5 5 10 1	\$1,100 \$400 \$7,400	B B D B
Lead/Acid Fuel Storage Day Tank Underground Storage ighting Interior Lighting Fluorescent Under Construction Egress Lighting Emergency, Service Emergency, Battery	Location Explanat 100% 50% 50% 70% Other Obs Location Explanat 30%	: Outside ion : No Availab ervation, Extent : Throughout Ti	ele Ratings : Moderate, A he Building	2018 2045 LIFE 2031 Area Affe	\$600 ** ** cted : 100% **	5 5 10	\$1,100 \$400	B B D
Lead/Acid Fuel Storage Day Tank Underground Storage ighting Interior Lighting Fluorescent Under Construction Egress Lighting Emergency, Service	Location Explanat 100% 50% 50% 70% Other Obs Location Explanat 30% 50% 30% 20%	: Outside ion : No Availab ervation, Extent : Throughout Ti ion : T-12 Lamp	ele Ratings	2018 2045 LIFE 2031 Area Affe 2031 2031 2033	\$600 ** ** cted : 100%	5 5 10 1 1 10	\$1,100 \$400 \$7,400	B B D B B B
Lead/Acid Fuel Storage Day Tank Underground Storage ighting Interior Lighting Fluorescent Under Construction Egress Lighting Emergency, Service Emergency, Battery	Location Explanat 100% 50% 50% 70% Other Obs Location Explanat 30% 50% 30% 20% Not Funct	: Outside ion : No Availab ervation, Extent : Throughout Th ion : T-12 Lamp Now	te Ratings : Moderate, A he Building s \$300 Moderate, Ard	2018 2045 LIFE 2031 Area Affe 2031 2031 2033	\$600 ** ** cted : 100%	5 5 10 1 1 10	\$1,100 \$400 \$7,400	B B D B B B
Lead/Acid Fuel Storage Day Tank Underground Storage ighting Interior Lighting Fluorescent Under Construction Egress Lighting Emergency, Service Emergency, Battery	Location Explanat 100% 50% 50% 70% Other Obs Location Explanat 30% 50% 30% 20% Not Funct	: Outside ion : No Availab ervation, Extent : Throughout Th ion : T-12 Lamp Now ioning, Extent : 1	te Ratings : Moderate, A he Building s \$300 Moderate, Ard	2018 2045 LIFE 2031 Area Affe 2031 2031 2033	\$600 ** ** cted : 100%	5 5 10 1 1 10	\$1,100 \$400 \$7,400	B B D B B B

Alarm

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

Asset # : 1997

		Asset # : 1	997				
Electrical		Current Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Alarm							
Security System	100-					* / * * *	-
Generic	Location	ervation, Extent : Moderate, : Throughout The Building tion : CCTV Surveillance Sys		* * ected : 100%	1	\$4,300	В
Fire/Smoke Detection							
Generic	Location	ervation, Extent : Moderate, : Throughout The Building tion : Smoke Detectors, Strob			1-3 Ill Station	\$7,300 15	В
Mechanical		Current Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
leating							
Energy Source Fuel Oil No 2	100%		2049	* *	5	\$3,600	В
Conversion Equipment Hot Water Boiler	100% Recent Re	place Evident, Extent : Light,	2043 Area Aff	* * Fected : 100%	1	\$5,700	В
	Other Obs Location	: Basement Boiler Room ervation, Extent : Light, Arec : Basement Boiler Room tion : 1 Unit	ı Affectea	l : 100%			
Distribution							
Hot Wtr Piping/Pump	40%		2048	* *	4	\$300	В
Hot Wtr Piping/Pump	60%		2022	\$33,000	4	\$300	В
Terminal Devices Convector/Radiator	8	Now \$6,200 Extent : Severe, Area Affecte : Various Areas	2021 ed : 20%	\$62,000	1	\$2,000	В
Not Accessible	40%						D
Air Conditioning							
Energy Source							
Electricity	100%		2039	* *	1		В
Conversion Equipment Reciprocating	80%		2023	\$29,700	1	\$4,300	В
Compr/Chiller No Component	20%						D
Distribution	2070						D
Chilled Wtr Pipe/Pump	80%		2033	* *	4	\$700	В
No Component	20%		_000		•	<i><i><i></i></i></i>	D
Terminal Devices							
No Component	20%						D
Not Accessible	25%						D
Under Construction	55%						D

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

Asset # : 1997

Mechanical		Current Re	epair	Futur	e Replacement	Μ	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								
Remote Air Cond	80%			2023	\$41,900	2	\$6,400	В
No Component	20%							D
Ventilation								
Distribution								
Under Construction	100%							D
Exhaust Fans								
Roof	20%			2018	\$1,700	2	\$100	В
Under Construction	80%							D
Plumbing								
H/C Water Piping								
Brass/Copper	60%			2049	* *	1		В
Galv Iron/Steel	40%			2021	\$13,100	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	\$1,600	В
Backflow Preventer								
Not Accessible	100%							D
Fixtures								
Under Construction	100%							D
Fire Suppression								
Sprinkler								
Not Accessible	25%							D
Under Construction	75%							D

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

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

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

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

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



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

FIRE DEPARTMENT - 057

EMS 22 & MAINTENANCE GARAGE WILLOWBROOK STATION

Asset # : 14007

Architecture		Current Repair	Futur	e Replacement	N	laintenance		
System Component Type	% of Total	Fail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
xterior								
Exterior Walls								
Cast in Place Concrete	10%		LIFE	* *	5	\$17,200	А	
		ervation, Extent : Moderate		ected : 40%				
	Location : Building 50 - Integrated Facility							
		tion : Ems Station Is Part O 3433 Also Housing An Ocm		Building Within S	eaview H	ospital Campus -		
Masonry: Brick	50%		LIFE	* *	5	\$17,200	А	
Metal Panel	20%		2044	* *	5-10	\$47,300	А	
	Corrosion/Rusting, Extent : Light, Area Affected : 5% Location : Bulkhead							
Metal Sect. OHD	5%		2037	* *	5	\$5,400	А	
Window Wall	15%		2044	* *	5	\$19,300	А	
Windows								
Aluminum	100%		2040	* *	5	\$1,300	А	
Parapets								
Metal Panel	25%	4+ \$700		* *	5	\$300	А	
		ed Finish, Extent : Light, A : Throughout All Vertical						
Metal Rail	5%	4+	2037	* *	5	\$200	А	
	Deteriorated Finish, Extent : Light, Area Affected : 5%							
	Location	: Trhoughout.						
Pre-Cast Concrete	70%		LIFE	* *	5	\$3,000	А	
Roof								
Single Ply Membrane	100%	0-2 \$55,100	2029	* *			А	
	Blisters, Extent : Moderate, Area Affected : 15% Location : Throughout							
	Drains Clogged, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
	-	Evident, Extent : Moderate,	Area Affec	ted : 15%				
	Location	: Throughout						
nterior								
Floors								
Cast in Place Concrete		Now \$17,000		* *	5	\$17,200	С	
	0	Crumbling, Extent : Severe,	Area Affe	cted : 15%				
		: Garage Area						
Ceramic Tile	10%		2033	* *	5	\$1,600	С	
Vinyl Tile	40%		2029	* *	3	\$2,400	С	
Interior Walls					_	.	_	
Ceramic Tile	10%		2033	* *	5	\$1,400	C	
Concrete Masonry Unit	30%		LIFE	* *	5	\$1,700	C	
Gypsum Board	60%		LIFE	* *	5	\$5,200	С	
		r/Impact Damage, Extent : : Throughout	Light, Arec	a Affected : 5%				

Note: 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.

FIRE DEPARTMENT - 057

EMS 22 & MAINTENANCE GARAGE WILLOWBROOK STATION

Asset # : 14007

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								
Ceilings AcousTileSusp.Lay-In		issing Elem	\$7,900 hents, Extent : Mod	2037 erate, Ar	* * rea Affected : 10%	5	\$4,700	В
Cunsum Doord	Location 40%	ı : Through	out	LIFE	* *	5	\$7,900	В
Gypsum Board ite Pavements	40%			LIFE		3	\$7,900	D
Parking/Driveway Asphalt	-		Extent : Light, Are	2033 ea Affect	* * ed : 5%			С
Electrical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total		Estimated Cost		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Inder 600 Volts Service Equipment Fused Disc Sw	Location	n : Rear Gr	Extent : Moderate, 2 ound Level Electric 1200 Amp Switch -	al Room	ı	5		В
Transformers Liquid Filled	100% Other Ob Location	servation, E 1 : Outside	Extent : Moderate, 2 Enclosure	2037 Area Affe	* *	5	\$100	В
Switchgear / Switchboard	Explana	tion : One .	13.8 Kva 480hv-20	8/120lv				
Fused Disc Sw	100%			2044	* *	5		В
Raceway	10070			2011		5		Б
Conduit	100%			2044	* *	1		В
Panelboards								
Fused Disc Sw	5%			2040	* *	5		В
Molded Case Bkrs	95%			2040	* *	5	\$300	В
Wiring Thermoplastic	100%			2044	* *	1		В
Motor Controllers Locally Mounted	100%			2037	* *	5	\$100	В
round						-	+	
Grounding Devices Generic	100%			LIFE	* *	5	\$200	В
tand-by Power Transfer Switches Automatic	100% Other Ob	servation, E	Extent : Moderate, 1	2029 Area Affe	* * ected : 100%	1	\$3,200	В
			ge And Electrical R					
					itch. Kohler Equip			

Note: 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.

FIRE DEPARTMENT - 057

EMS 22 & MAINTENANCE GARAGE WILLOWBROOK STATION

Asset # : 14007

		A3561#.14	1001					
Electrical		Current Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod	
tand-by Power								
Generators	100					* 4 4 9 9	-	
Diesel	100%	servation, Extent : Moderate, A	2027	* *	1	\$4,100	В	
		i : Outside Of Building	hreu Ajje	ecieu . 10070				
		tion : One 100 Kva Generator						
Batteries	1							
Lead/Acid	100%		2017	\$700	5	\$400	В	
Fuel Storage								
Main Tank	100%		2052	* *	5	\$300	В	
		servation, Extent : Moderate, A	Area Affe	ected : 100%				
		a : Generator Room						
• 1	Explana	tion : One 275 Gallons						
ighting Interior Lighting								
Fluorescent	93%		2024	\$29,600	10	\$9,000	В	
1 nuoroscent	Other Observation, Extent : Moderate, Area Affected : 100%							
		a : Throughout	55					
	Explana	tion : T-8 Fixtures In Garage	And Thre	oughout First Floo	r / T-12	? Fixtures In		
	Hallway							
HID	6%		2029	* *	10		В	
Incandescent	1%		2019	\$300	2		В	
Egress Lighting							-	
Emergency, Service	50%		2029	* *	1		В	
Exit, Service	50%		2029	* *	1		В	
Exterior Lighting	1000/		2020	* *	10		р	
HID	100%		2029		10		В	
larm Security System								
No Component	90%						D	
Generic	10%		2029	* *	1	\$400	B	
Fire/Smoke Detection	, -					+		
No Component	50%						D	
Generic	50%		2029	* *	1-3	\$3,200	В	
Wechanical		Current Repair	Futur	e Replacement	M	aintenance		
System	% of	Fail Date Estimated Cost	Vear	Estimated Cost	Cycle	Estimated Cost	Priori	
Component	Total	(Years)	FY	Lonnuttu Coot	(Yrs)	Lonnuteu Cost	Coc	
Туре					. /			
leating								
Energy Source Natural Gas	1000/		2044	* *	1		D	
Inatural Gas	100%		2044	·•· ••	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.

FIRE DEPARTMENT - 057

EMS 22 & MAINTENANCE GARAGE WILLOWBROOK STATION

Asset # : 14007

· · · · · · · · · · · · · · · · · · ·		ASSet # : 1				laintenance	
Mechanical		Current Repair	Futur	re Replacement	N		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating			•				
Conversion Equipment							
Furnace	50%		2029	* *	1	\$2,600	В
		servation, Extent : Light, Are	00				
		n : Roof, E M S And Fire Dep		e	E : 1	a	
		tion : 2 Packaged Rooftop U				-	
Hot Water Boiler	50%		2037	**	1	\$2,600	В
		servation, Extent : Light, Are n : E M S And Fire Departme					
		tion : 4 Gas Fired Hot Water		Kooms			
Distribution	Елріана	uon . 4 Gus Fireu IIor wuler	Doners				
Hot Wtr Piping/Pump	100%		2040	* *	4	\$800	В
Terminal Devices	10070		2010			φ000	Б
Convector/Radiator	100%		2037	* *	1	\$3,400	В
Air Conditioning						1-7	
Energy Source							
Electricity	100%		2040	* *	1		В
Conversion Equipment							
Ext Pkg Unit -	100%		2029	* *	2	\$600	В
Heating/Cooling							
		servation, Extent : Light, Are	a Affected	l : 100%			
	Location	e e e e e e e e e e e e e e e e e e e	•,				
Distribution	Explana	tion : 2 Package Rooftop Un	115				
Distribution Ductwork/Diffusers	100%		LIFE	* *	2	\$13,700	В
/entilation	10070		LIIL		2	\$15,700	D
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,900	В
Exhaust Fans					_	1 - 7	
Roof	100%		2029	* *	2	\$300	В
lumbing							
H/C Water Piping							
Brass/Copper	100%		2050	* *	1		В
Water Heater							
Gas Fired	100%		2022	\$2,500	2	\$200	В
		servation, Extent : Light, Are	a Affected	l : 100%			
		n : 2nd Floor					
Conitore Dining	Explana	tion : 1 - 250 Gallon Unit					
Sanitary Piping Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping	100%		LIFE	· •	1		D
Cast Iron	100%		LIFE	* *	1		В
Backflow Preventer	10070				T		U
Generic	100%		2029	* *	1	\$600	В
Fixtures	10070		_0_/		÷	4000	-
Generic	100%						В
Vartical Transport							-

Vertical Transport

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

FIRE DEPARTMENT - 057

EMS 22 & MAINTENANCE GARAGE WILLOWBROOK STATION

Asset # : 14007

Mechanical	Current Repair	Future Repl	lacement	М	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			С
	Other Observation, Extent : Light, A	rea Affected : 1009	%			
	Location : 1st To 2nd Floor					
	Explanation : Lift					
Fire Suppression						
Sprinkler						
No Component	75%					D
Generic	25%	2044	* *	1-2	\$700	В

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

 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

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

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

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

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



Note: 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.

Asset # : 2405

rchitecture		Current F	kepair	Futur	e Replacement	Μ		
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
terior								
Exterior Walls	5 0/	N.T.	¢12 200		ماد ماد	-	\$ 6 0 0 0	
Cast in Place Concrete	-	-	\$13,300 Extent : Moderate Ledge Below Parap	-	* * ffected : 20%	5	\$6,200	A
Masonry: Brick Cavity	70%			LIFE	* *	5	\$34,900	А
Metal Panel	5% Deformed Location Punct/Tea	n : East Stat	amage, Extent : M	2035 rea Affeo	* * cted : 20% Area Affected : 20!	5	\$2,300	A
Matal Cailing Doors	10%	. East Stat	, way	2038	* *	5	\$7,800	٨
Metal Coiling Doors Pre-Cast Concrete	10%			2038 LIFE	* *	5 5	\$7,800 \$16,200	A A
Windows	10%			LIFE		5	\$10,200	A
Aluminum	20%			2041	* *	5	\$2,400	А
Steel	20% 80%	Now	\$474,300	2041	* *	5	\$59,900	A
	Location Corrosion Location Deteriora	a : Through /Rusting, E a : Through	xtent : Moderate, A out Extent : Moderate,	Area Affe	cted : 25%			
Parapets	Locuitor	. Intough	011					
Pre-Cast Concrete	100%			LIFE	* *	5	\$35,400	Α
Roof								
Built-Up (BUR)	92%			2033	* *	10	\$16,200	Α
Modified Bitumen	5% Diatana I	Now	\$4,900 lerate, Area Affect	2035	* *			А
	Location Seams Op Location Water Pen	a : Over Ea. en/Split, Ex a : Over Ea.	st Staieway ctent : Moderate, A st Stairway Extent : Moderate, A	rea Affec	eted : 25%			
Skylight, Metal/Glass	3%	Now	\$7,400	2025	\$73,800			А
	Location	a : Over Sta netration, E	xtent : Moderate, 1 ir xtent : Moderate, 1					
terior								
Floors	CEN			T TEE	* *	5	¢ 52 200	C
Cast in Place Concrete	65% 5%			LIFE	* *	5	\$53,300	C
Ceramic Tile	5%			2034		5	\$900 \$1,000	C
Vinyl Tile	20%			2025	\$30,200	3	\$1,900	C
Vinyl Tile		place Evide 1 : Kitchen	ent, Extent : Light,	2035 Area Aff		3	\$700	С

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Asset # : 2405

Architecture		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior							
Interior Walls							
Concrete Masonry Unit	75%		LIFE	* *	5	\$10,100	С
Gypsum Board	20%		LIFE	* *	5-10	\$5,700	С
Masonry: Brick	5%		LIFE	* *	10	\$300	С
Ceilings							
AcousTileSusp.Lay-In	25%		2030	* *	5	\$4,700	В
Exposed Concrete	70%		LIFE	* *	5-10	\$16,400	В
Metal Panel	5%		LIFE	* *	5	\$2,300	В
	Water Per	netration, Extent : Moderate, A	rea Affe	ected : 10%			
	. .	F G 1					

Location : East Stairway

Electrical	Current Repair	Future R	eplacement	Μ	aintenance			
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Under 600 Volts								
Service Equipment								
Fused Disc Sw	50%	2025	\$1,500	5		В		
	Other Observation, Extent : M	Ioderate, Area Affecte	d : 100%					
	Location : Electrical Room							
	Explanation : Main Service	Switch Rated @ 3000	Amperes					
Fused Disc Sw	50%	2045	* *	5		В		
	Other Observation, Extent : M	loderate, Area Affecte	d : 100%					
	Location : Electrical Room							
	Explanation : Main Service	Switch Rated @ 3000	Amperes					
Transformers								
Dry Type	100%	2038	* *	5		В		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Electrical Room							
	Explanation : 2- 1000 Kva, 4	480/277/208 V						
Switchgear / Switchboard								
Fused Disc Sw	100%	2045	* *	5	\$100	В		
Raceway								
Conduit	80%	2025	\$17,600	1		В		
Conduit	20%	2045	* *	1		В		
Panelboards								
Molded Case Bkrs	80%	2024	\$23,100	5	\$300	В		
Molded Case Bkrs	20%	2041	* *	5	\$100	В		
Wiring								
Thermoplastic	80%	2025	\$12,300	1		В		
Thermoplastic	20%	2045	* *	1		В		
Motor Controllers								
Locally Mounted	70%	2023	\$2,700	5	\$100	В		
Locally Mounted	30%	2038	* *	5		В		
Ground								
Grounding Devices								
Generic	100%	LIFE	* *	5	\$400	В		

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Asset # : 2405

lectrical	Curren	t Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
and-by Power							
Transfer Switches							
Automatic	100%		2038	* *	1	\$3,800	В
Generators							
Diesel	100%		2034	* *	1	\$4,800	В
		Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Outsid	-					
	Explanation : Em	ergency Generator K	ated @	80 Kva			
Batteries	1000/		2010	\$ < 0.0	-	¢	P
Lead/Acid	100%		2019	\$600	5	\$500	В
Fuel Storage	1000		0050	* *	-	.	~
Main Tank	100%		2053		5	\$400	В
		Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Outsid						
1	Explanation : 75	Gallons Capacity					
ghting Interior Linkting							
Interior Lighting Fluorescent	95%		2030	* *	10	\$10,900	В
ruorescent	T-8 Lamps, Extent	: Moderate, Area Aff ghout The Building			10	\$10,900	Б
HID	5%	, 0	2025	\$100	10		В
Egress Lighting	570		2025	φ100	10		D
Emergency, Battery	50%		2030	* *	10	\$1,500	В
Exit, Service	50%		2030	* *	1	ψ1,500	B
Exterior Lighting	2070		2000		1		D
HID	100%		2025	\$200	10		В
arm				+			
Security System							
No Component	90%						D
Generic	10%		2030	* *	1	\$500	В
		Extent : Moderate, A		ected : 100%			
	Location : Front	And Back Only					
	Explanation : C C	CTV Surveillance C	ameras				
Fire/Smoke Detection							
No Component	70%						D
Generic, Digital	30%		2030	* *			В
-	Other Observation, Location : Hallwo	Extent : Moderate, A ays	Area Affe	ected : 100%			
	Explanation : Ala	rm Bells, Manual Pu	ll Station	ns And Strobe Ligh	ets		

Mechanical	Curren	t Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating Energy Source	1000/		2025				D
Natural Gas	100%		2035	* *	1		В

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Asset # : 2405

Mechanical	Current Repair	Futur	e Replacement	Μ	aintenance			
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Heating	•							
Conversion Equipment								
Furnace	10% Other Observation, Extent : Light, A	2025 rea Affected	\$1,500 1 : 10%	1	\$600	В		
	Location : Roof Explanation : 1 Package Unit							
Steam Boiler	90%	2042	* *	1	\$11,200	В		
	Other Observation, Extent : Light, A Location : 1st Floor Boiler Room	rea Affected	: 90%					
Distribution	Explanation : 1 Unit							
	00%	2035	* *	4	\$600	D		
Steam Piping/Pump	90%	2055		4	\$600	B		
No Component	10%					D		
Terminal Devices	500/	2022	¢10,000	1	¢2 000	р		
Convector/Radiator	50%	2023	\$18,900 * *	1	\$2,000	B		
Unit Heater-Stm/HW	30%	2033		4	\$500 \$200	B		
Unit Heater-Stm/HW	10%	2020	\$900	4	\$200	B		
No Component	10%					D		
Air Conditioning								
Energy Source	1000/	2022	* *	1		р		
Electricity	100%	2033	• •	1		В		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	20%	2025	\$15,700	2	\$200	В		
ricating/Cooling	R-22 Refrigerant, Extent : Light, Are Location : Roof	ea Affected :	20%					
Window/Wall Unit	40%	2020	\$9,800	1		В		
No Component	40%					D		
I	Other Observation, Extent : Light, A	rea Affected	1:0%					
	Location : 2nd Floor Electrical Room							
	Explanation : There Is No Ventilat	ion For Elec	trical Room					
Ventilation								
Distribution								
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$11,100	В		
Exhaust Fans								
Roof	100%	2025	\$9,400	2	\$400	В		
lumbing								
H/C Water Piping								
Brass/Copper	100%	2035	* *	1		В		
Water Heater								
Gas Fired	100%	2023	\$2,800	2	\$200	В		
Sanitary Piping								
Cast Iron	100%	LIFE	* *	1		В		
Storm Drain Piping								
Cast Iron	100%	LIFE	* *	1		В		
Fixtures								
Generic	100%					В		
Fire Suppression								

Fire Suppression

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Asset # : 2405

lechanical	Current Repair	Future	Replacement	Μ	aintenance	
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
re Suppression						
Standpipe						
Generic	100%	2035	* *	1-5	\$6,300	В
	Other Observation, Extent : Light, Ar	ea Affected :	: 100%			
	Location : Outside Wall					
	Explanation : Combination Connect	tion				
Sprinkler						
Generic	100%	2035	* *	1-2	\$3,500	В
Chemical System						
Generic	100%	2020	\$24,800	1-3	\$55,000	В

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

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

Asset Name	: ENGINE CO. 168 EMS STATION 23 H	ROSSVILLE STATI	ON						
Address	: 1100 ROSSVILLE AVENUE 300 VETE	100 ROSSVILLE AVENUE 300 VETERANS ROAD EAST							
Borough	: STATEN ISLAND	Agency's Number	: N/A						
Program / Asset #	: FIR0018.000 / 13581	Yr Built/Renovated	: 2003 /						
Area Sq Ft	: 20,096	Project Type	: FIRE DEPARTMENT						
Date of Survey	: 12-Apr-2012	Landmark Status	: NONE						
Areas Surveyed	: Basement, Roof, Floors 1,2								
Block	: 7067 Lot : 252	BIN	: 5851738						

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

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



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

Asset # : 13581

	Current Repair Future Replacement				Μ			
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
erior								
Exterior Walls								
Glass Block	2%			LIFE	* *	5	\$300	Α
Masonry: Brick	-	2-4 Deteriorate : Perimete	\$12,000 ed, Extent : Modera er	LIFE te, Area	* * Affected : 100%	5	\$21,000	А
Metal Coiling Doors	-	4+ Dented, Ex : Through	\$4,100 ktent : Light, Area 2 out	2040 Affected :	* *	5	\$5,900	А
Windows								
Aluminum	100%			2045	* *	5	\$600	А
Parapets	4000			•••			b = c = c =	
Metal Rail	100%			2040	* *	5-10	\$53,500	A
Roof Modified Bitumen		2-4 1g, Extent : : Through	\$51,200 Moderate, Area A out	2023 ffected : 2	\$170,600 20%			А
	Location Recent Rep	: Through	nt, Extent : Light, A					
erior Floors								
Cast in Place Concrete	40%			LIFE	* *	5	\$26,300	С
Ceramic Tile	-	0-2 Crumbling, : Kitchen	\$2,800 Extent : Severe, A	2036 rea Affec	* * ted : 20%	5	\$1,500	С
Sheet Vinvl/Rubber	20%			2031	* *	5	000 98	C
Sheet Vinyl/Rubber Vinyl Tile	20% 30%			2031 2031	* *	5	\$9,000 \$4,500	C C
Vinyl Tile	20% 30%			2031 2031		5 3	\$9,000 \$4,500	C C
								С
Vinyl Tile Interior Walls	30% 15% 70% Diagonal	2-4	\$7,000 tent : Moderate, Ai out Cellar	2031 LIFE LIFE	* * * * * *			
Vinyl Tile Interior Walls Cast in Place Concrete Concrete Masonry Unit	30% 15% 70% Diagonal Location	2-4 Cracks, Ext	tent : Moderate, Ar	2031 LIFE LIFE rea Affect	* * * * * *	3	\$4,500	C C C
Vinyl Tile Interior Walls Cast in Place Concrete	30% 15% 70% Diagonal	2-4 Cracks, Ext	tent : Moderate, Ar	2031 LIFE LIFE	* * * * * *	3	\$4,500	C C
Vinyl Tile Interior Walls Cast in Place Concrete Concrete Masonry Unit Glass Block	30% 15% 70% Diagonal Location 5%	2-4 Cracks, Ext	tent : Moderate, Ar	2031 LIFE LIFE eea Affect LIFE	* * ** red : 10% **	3 5	\$4,500 \$6,600	C C C C
Vinyl Tile Interior Walls Cast in Place Concrete Concrete Masonry Unit Glass Block Gypsum Board	30% 15% 70% Diagonal Location 5% 10% 30% Diagonal	2-4 Cracks, Ext : Through 2-4 Cracks, Ext	tent : Moderate, Ar	2031 LIFE LIFE ea Affect LIFE LIFE	* * ** ted : 10% ** ** **	3 5	\$4,500 \$6,600	C C C C
Vinyl Tile Interior Walls Cast in Place Concrete Concrete Masonry Unit Glass Block Gypsum Board Ceilings	30% 15% 70% Diagonal Location 5% 10% 30% Diagonal	2-4 Cracks, Ext : Through 2-4 Cracks, Ext	tent : Moderate, An out Cellar \$5,500 tent : Moderate, An	2031 LIFE LIFE ea Affect LIFE LIFE	* * ** ted : 10% ** ** **	3 5 5	\$4,500 \$6,600 \$1,400	C C C C C
Vinyl Tile Interior Walls Cast in Place Concrete Concrete Masonry Unit Glass Block Gypsum Board Ceilings Exposed Concrete	30% 15% 70% Diagonal of Location 30% Diagonal of Location	2-4 Cracks, Ext : Through 2-4 Cracks, Ext	tent : Moderate, An out Cellar \$5,500 tent : Moderate, An	2031 LIFE LIFE ea Affect LIFE LIFE tea Affect	* * ** ** ** ** ** ** ** ** **	3 5 5	\$4,500 \$6,600 \$1,400	C C C C B

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.

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Asset # : 13581

Electrical		Current F	Kepair	Future	e Replacement	N	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cos	t Cycle (Yrs)	Estimated Cost	Priority Cod
nder 600 Volts								
Service Equipment Fused Disc Sw	75%	4+	\$500	2043	* >	5		В
	-		ge, Extent : Moder	ate, Area	Affected : 100%			
		: Electrica	al Room Extent : Light, Area	Affected	. 1000/			
		ervanon, E : Electrica	8	Ајјестей	. 100%			
			Electrical Service I	Rated At 8	300 Amps			
Photovoltaic Panel(s)	25%			2032	* *	* 1		В
Thorovoltaie Tailei(3)		ervation, E	Extent : Light, Area		: 100%	1		D
			nt And Roof	55				
		tion : Photo Room In B	ovoltaic Panels Ob asement	served Oi	n Roof. Photovol	taic Equip	oment Observed In	
Switchgear / Switchboard							±	_
Fused Disc Sw	100%			2043	* :	* 5	\$100	В
Raceway	100%			2043	* :	* 1		р
Conduit Panelboards	100%			2045	•	· 1		В
Molded Case Bkrs	100%			2039	* *	* 5	\$500	В
Wiring	10070			2037		5	φ500	D
Thermoplastic	100%			2043	* *	* 1		В
Motor Controllers								
Locally Mounted	100%			2036	* *	∗ 5	\$100	В
			Extent : Light, Area	Affected	: 100%			
		e : 1st Floor						
	Explana	tion : (3) O	verhead Door Ope	rators				
round								
Grounding Devices Generic	100%			LIFE	* >	* 5	\$300	В
Generic		ervation F	Extent : Light, Area			5	\$300	D
		: Water M		ngjeereu	. 10070			
			ected With Main W	Vater Pipe	2			
and-by Power	1			1				
Transfer Switches								
Automatic	100%			2036	* :	* 1	\$6,200	В
Generators	100				-		*= ~ ~ -	-
Diesel	100%	<i></i>	7, , 7, 1 , 4	2032	* *	* 1	\$7,800	В
			Extent : Light, Area Boan Vand	Affected	: 100%			
		tion : 80 K	Rear Yard					
Batteries	Елріана	11011 . OU K	vu					
Lead/Acid	100%			2017	\$600) 5	\$700	В
2000, 1010		ervation, E	Extent : Light, Area				<i></i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2
			Rear Yard					
	Explana	tion : Withi	in Generator Enclo	sure				

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Asset # : 13581

lectrical		Current Repair Future Replacement Maintenance					
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
and-by Power							
Fuel Storage	1000/		2020	* *	5	¢2 700	р
Day Tank	100%		2039		5	\$3,700	В
		ervation, Extent : Light, Area a : Exterior Rear Yard	Ајјесіеа	: 100%			
		tion : Below Generator					
ghting	Ехрійни	iion . Delow Generalor					
Interior Lighting							
Fluorescent	100%		2028	* *	10	\$18,400	В
Tuorescent		s, Extent : Light, Area Affected			10	\$10,100	В
	-	: Throughout					
Egress Lighting							
Exit, LED	100%		2051	* *	1		В
Exterior Lighting							
HID	100%		2028	* *	10	\$100	В
		ervation, Extent : Light, Area		: 100%		+ - • •	_
		a : Exterior	55				
	Explana	tion : Wall Packs On Building	s, Light I	Poles In Parking A	rea		
ightning Protection	1	0	. 0	0			
Arresters/Cabling							
Generic	100%		2051	* *	5	\$600	В
larm							
Fire/Smoke Detection							
Generic	100%		2028	* *	1-3	\$12,800	В
lechanical		Current Repair	Futur	e Replacement	М	aintenance	
	0/ af						Dutout
	% of Total	Current Repair Fail Date Estimated Cost (Years)		e Replacement Estimated Cost		aintenance Estimated Cost	Priori Coo
ystem Component Type		Fail Date Estimated Cost	Year		Cycle		
ystem Component Type eating Energy Source	Total	Fail Date Estimated Cost	Year FY	Estimated Cost	Cycle		Co
ystem Component Type eating Energy Source Natural Gas		Fail Date Estimated Cost	Year		Cycle		
ystem Component Type eating Energy Source	Total	Fail Date Estimated Cost	Year FY 2049	Estimated Cost	Cycle (Yrs)	Estimated Cost	Co B
ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	Total	Fail Date Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Co
ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution	Total 100%	Fail Date Estimated Cost	Year FY 2049 2040	Estimated Cost **	Cycle (Yrs)	Estimated Cost \$9,900	Coo B
ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler	Total	Fail Date Estimated Cost	Year FY 2049	Estimated Cost	Cycle (Yrs)	Estimated Cost	Co B
ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices	Total 100% 100%	Fail Date Estimated Cost	Year FY 2049 2040	Estimated Cost **	Cycle (Yrs) 1	Estimated Cost \$9,900	Coo B B
ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler	Total 100% 100% 30%	Fail Date Estimated Cost	Year FY 2049 2040	Estimated Cost **	Cycle (Yrs) 1	Estimated Cost \$9,900	Coo B B
ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	Total 100% 100%	Fail Date Estimated Cost	Year FY 2049 2040 2045	Estimated Cost ** **	Cycle (Yrs)	Estimated Cost \$9,900 \$1,500	B B B
ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Unit Heater-Stm/HW	Total 100% 100% 30%	Fail Date Estimated Cost	Year 2049 2040 2045 2031	Estimated Cost ** ** **	Cycle (Yrs)	Estimated Cost \$9,900 \$1,500 \$3,700	Coo B B B B
ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator	Total 100% 100% 100% 30% 30% 20% 20%	Fail Date (Years)Estimated CostNow\$24,600	Year FY 2049 2040 2045 2031 2040 2028 2033	Estimated Cost ** ** ** ** ** ** ** **	Cycle (Yrs) 1 1 4	Estimated Cost \$9,900 \$1,500 \$3,700 \$2,000	Coo B B B B B B
ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Unit Heater-Stm/HW	Total 100% 100% 100% 30% 30% 20% 20% Unit Inope	Fail Date Estimated Cost (Years) (Years)	Year FY 2049 2040 2045 2031 2040 2028 2033	Estimated Cost ** ** ** ** ** ** ** **	Cycle (Yrs) 1 1 4 1 1 4	Estimated Cost \$9,900 \$1,500 \$3,700 \$2,000 \$600	Con B B B B B B B B B
ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Unit Heater-Stm/HW	Total 100% 100% 100% 30% 30% 20% 20% Unit Inope	Fail Date (Years)Estimated CostNow\$24,600	Year FY 2049 2040 2045 2031 2040 2028 2033	Estimated Cost ** ** ** ** ** ** ** **	Cycle (Yrs) 1 1 4 1 1 4	Estimated Cost \$9,900 \$1,500 \$3,700 \$2,000 \$600	Con B B B B B B B B B
ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Unit Heater-Stm/HW	Total 100% 100% 100% 30% 30% 20% Unit Inope Location Other Obs	Fail Date Estimated Cost (Years) (Years)	Year FY 2049 2040 2045 2031 2040 2028 2033 ffected :	Estimated Cost ** ** ** ** ** ** ** 100%	Cycle (Yrs) 1 1 4 1 1 4	Estimated Cost \$9,900 \$1,500 \$3,700 \$2,000 \$600	Con B B B B B B B B B
ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Unit Heater-Stm/HW Unit Heater-Stm/HW	Total 100% 100% 100% 30% 30% 20% 20% Unit Inope Location Other Obs Location	Fail Date Estimated Cost (Years) (Years) Now \$24,600 erable, Extent : Severe, Area A Area erable, Extent : Severe, Area Area servation, Extent : Severe, Area Area	Year FY 2049 2040 2045 2031 2040 2028 2033 ffected :	Estimated Cost ** ** ** ** ** ** ** 100%	Cycle (Yrs) 1 1 4 1 1 4	Estimated Cost \$9,900 \$1,500 \$3,700 \$2,000 \$600	Coo B B B B B B B B B
Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Unit Heater-Stm/HW Unit Heater-Stm/HW	Total 100% 100% 100% 30% 30% 20% 20% Unit Inope Location Other Obs Location	Fail Date Estimated Cost (Years) Now \$24,600 erable, Extent : Severe, Area A a : Apparatus Area servation, Extent : Severe, Area a : Apparatus Area servation, Extent : Severe, Area	Year FY 2049 2040 2045 2031 2040 2028 2033 ffected :	Estimated Cost ** ** ** ** ** ** ** 100%	Cycle (Yrs) 1 1 4 1 1 4	Estimated Cost \$9,900 \$1,500 \$3,700 \$2,000 \$600	Con B B B B B B B B B
ystem Component Type eating Energy Source Natural Gas Conversion Equipment Hot Water Boiler Distribution Hot Wtr Piping/Pump Terminal Devices Air Handler Convector/Radiator Unit Heater-Stm/HW Unit Heater-Stm/HW	Total 100% 100% 100% 30% 30% 20% 20% Unit Inope Location Other Obs Location	Fail Date Estimated Cost (Years) Now \$24,600 erable, Extent : Severe, Area A a : Apparatus Area servation, Extent : Severe, Area a : Apparatus Area servation, Extent : Severe, Area	Year FY 2049 2040 2045 2031 2040 2028 2033 ffected :	Estimated Cost ** ** ** ** ** ** ** 100%	Cycle (Yrs) 1 1 4 1 1 4	Estimated Cost \$9,900 \$1,500 \$3,700 \$2,000 \$600	Coo B B B B B B B B B

Asset # : 13581

Mechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning							
Conversion Equipment							
Ext Pkg Unit - Cooling	50%		2028	* *	2	\$600	В
Split Unit	5%		2023	\$4,400			В
Window/Wall Unit	5%		2021	\$2,000	1		В
No Component	40%						D
Distribution							
Ductwork/Diffusers	60%		LIFE	* *	2	\$15,700	В
No Component	40%						D
Heat Rejection							_
Air Condenser Unit	5%		2028	* *	2	\$700	В
No Component	95%						D
ventilation							
Distribution	500/		LIPP	* *	2.5	¢5 (00	р
Ductwork/Diffusers	50% 50%		LIFE	-11-	2-5	\$5,600	B
No Component	50%						D
Exhaust Fans Roof	100%		2028	* *	2	\$600	В
lumbing	100%		2028		Z	\$000	D
H/C Water Piping							
Brass/Copper	70%		2049	* *	1		В
Galv Iron/Steel	30%		2049	* *	1		B
Water Heater	5070		2040		1		Ь
Gas Fired	100%		2021	\$4,400	2	\$300	В
Gustinou		ervation, Extent : Light, Area			2	4500	D
		: Cellar Mechanical Room	55				
	Explana	tion : Two 75 Gallon Water H	eaters				
Sanitary Piping	1						
Cast Iron	100%		LIFE	* *	1		В
	Recent Re	pair Evident, Extent : Light, A	rea Affe	cted : 20%			
	Location	: Throughout					
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Sump Pump(s)							
Rigid Piping	100%		2031	* *	4	\$1,600	В
Backflow Preventer							
Generic	100%		2031	* *	1	\$1,200	В
Fixtures							
Generic	100%						В
		ervation, Extent : Light, Area	Affected	l : 10%			
		: Apparatus Area					
	Explana	tion : Apparatus Area Drinkir	g Founte	ain Not Operating			

Fire Suppression

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

Asset # : 13581

Mechanical	Current R	epair	Future	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ire Suppression							
Sprinkler							
No Component	60%						D
Generic	40%		2049	* *	1-2	\$2,300	В
	Other Observation, Ex	tent : Light, Area A	ffected	: 40%			
	Location : Cellar						
	Explanation : Cellar	Fully Sprinkled					
Chemical System							
Wet	100%		2022	\$27,000	1-3	\$63,700	В
	Other Observation, Ex	tent : Light, Area A	ffected	: 100%			
	Location : Kitchen						
	Explanation : Over I	Range					

 Note :
 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.

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

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

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

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



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

Asset # : 13154

Architecture		Current Repair	Futur	e Replacement	INI	aintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
xterior							
Exterior Walls							
Concrete Masonry Unit	25%		LIFE	* *	5	\$6,900	А
Exposed Struc: Steel	5%		LIFE	* *	5	\$6,900	А
Masonry: Brick	55%		LIFE	* *	5	\$24,300	А
Metal Sect. OHD	10%		2037	* *	5	\$13,800	А
Window Wall	5%		2044	* *	5	\$8,300	А
Windows							
Aluminum	95%		2040	* *	5	\$2,900	А
Metal Louvers	5%		2033	* *	10	\$1,000	А
Parapets							
Concrete Masonry Unit	25%		LIFE	* *	5	\$1,200	А
Masonry: Brick	60%		LIFE	* *	5	\$2,600	А
Metal Panel	5%		2044	* *	5	\$900	А
Metal Rail	10%		2037	* *	5-10	\$8,000	А
Roof						-	
Metal Panel	25%		2037	* *	10	\$14,600	А
Modified Bitumen	50%		2029	* *	10	\$15,900	А
Modified Bitumen	25%		2029	* *	10	\$7,900	А
	Other Obs	ervation, Extent : Moderate, A	Area Affe	ected : 50%		· •	
	Location	: Over Second Floor					
	Explana	tion : Concrete Pavers					
nterior							
Floors							
Cast in Place Concrete	75%		LIFE	* *	5	\$44,200	С
Ceramic Tile	5%		2033	* *	5	\$1,300	С
Vinyl Tile	20%		2029	* *	3	\$2,000	С
Interior Walls							
Ceramic Tile	5%		2033	* *	5	\$1,200	С
Concrete Masonry Unit	40%		LIFE	* *	5	\$4,000	С
Gypsum Board	45%		LIFE	* *	5	\$6,700	С
Masonry: Brick	5%		LIFE	* *	-	+ • , • • •	Ċ
Wood	5%		LIFE	* *	5	\$5,000	Ċ
Ceilings	0,10		211 2		0	40,000	0
AcousTileSusp.Lay-In	30%		2037	* *	5	\$8,100	В
Exposed Struc: Steel	60%		LIFE	* *	5	\$0,100	B
Gypsum Board	10%		LIFE	* *	5	\$3,400	B
ite Enclosure	1070		LIIL		5	φ3,100	D
Fence/Gates							
Chain link	50%		2044	* *			С
Iron Picket	50%		2044	* *			C
Free Standing Walls	5070		2057				C
Concrete Masonry Unit	100%	Now \$1,600	2044	* *			С
		ervation, Extent : Light, Area e : Masonry Free Standing Wa		. 570			
		tion : Decorative Steel Detaili					

Site Pavements

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

Asset # : 13154

			Asset # : 13					
Architecture	_	Current F	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ite Pavements Parking/Driveway Asphalt Cast in Place Concrete	80% 20%			2033 2037	* * * *			C C
Electrical		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Jnder 600 Volts Service Equipment Fused Disc Sw	Location	: Electrica	Extent : Moderate, A Il Room Service Switch Ra			5	\$100	В
Switchgear / Switchboard Fused Disc Sw	100%			2044	**	5	\$100	В
Raceway Conduit	100%			2044	* *	1		В
Panelboards Molded Case Bkrs	100%			2040	* *	5	\$500	В
Wiring Thermoplastic Motor Controllers	100%			2044	* *	1		В
Locally Mounted	100%			2037	* *	5	\$100	В
Grounding Devices Not Accessible	100%							D
tand-by Power Transfer Switches Automatic	100%			2037	* *	1	\$5,500	В
Generators Diesel	Location	: Outside	Extent : Moderate, 2			1	\$7,000	В
Batteries	Explana	tion : Emer	gency Generator N	o Availa	ble Nameplate Ka	ungs		
Lead/Acid	100%			2017	\$600	5	\$700	В
Fuel Storage Main Tank		ervation, E : Outside	Extent : Moderate, 2	2039 Area Affe	* * ected : 100%	5	\$500	В
. 1	Explana	tion : No N	ameplate Rating C	apacity				
ighting Interior Lighting Fluorescent			Moderate, Area Aff out The Building	2024 Tected : 1	\$49,600 00%	10	\$16,500	В

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

Asset # : 13154

		A	sset # : 13	154				
Electrical		Current Rep	air	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ighting								
Egress Lighting Emergency, Service Exit, LED	50% 50%			2024 2039	\$1,200 * *	1 1		B B
Exterior Lighting HID	100%			2024	\$200	10	\$100	В
Mechanical		Current Rep	air	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source Natural Gas	100%			2044	* *	1		В
Conversion Equipment	10.07				de de		42	
Furnace	40% Other Obs Location		nt : Light, Area	2029 Affected	* *	1	\$3,600	В
	Explana	tion : 6 Roof T	op Package Uni	its				
Hot Water Boiler		ervation, Exte : 1st Floor Bo	nt : Light, Area oiler Room	2037 Affected	* *	1	\$5,300	В
	Explana	tion : 1 Unit						
Distribution					de de		* • • • •	-
Hot Wtr Piping/Pump	60%			2040	* *	4	\$800	B
No Component Terminal Devices	40%							D
Air Handler	20%			2029	* *	1	\$2,200	В
Convector/Radiator	10%			2037	* *	1	\$600	B
Unit Heater-Stm/HW	30%			2029	* *	4	\$700	В
No Component	40%							D
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		В
Conversion Equipment Reciprocating Compr/Chiller	20%			2029	* *	1	\$1,700	В
Completimer	-	gerant, Extent : 2nd Floor M	: Light, Area A Iech Room	ffected :	20%			
Ext Pkg Unit - Heating/Cooling	50%			2029	* *	2	\$600	В
	-	-	: Light, Area A Package Units	ffected :	50%			
No Component	30%							D
Terminal Devices								
Direct Expansion	20%			2029	* *	1		В
No Component	80%							D

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

Asset # : 13154

Mechanical	Current Repai	r Future Rep	lacement M	laintenance	
System Component Type	% of Fail Date Esti Total (Years)			Estimated Cost	Priority Code
Air Conditioning					
Heat Rejection					
Air Condenser Unit	20%	2029	** 2	\$2,500	В
No Component	80%				D
Ventilation					
Distribution					
Ductwork/Diffusers	80%	LIFE	** 2-5	\$8,000	В
No Component	20%				D
Exhaust Fans					
Roof	80%	2029	** 2	\$400	В
Wall Unit	20%	2029	** 2	\$100	В
Plumbing					
H/C Water Piping					
Brass/Copper	100%	2044	** 1		В
Water Heater					
Gas Fired	100%	2022	\$4,000 2	\$300	В
	Other Observation, Extent	: Light, Area Affected : 100	%		
	Location : Boiler Room				
	Explanation : 2 - 100 Ga	llon Units			
Sanitary Piping					
Cast Iron	100%	LIFE	** 1		В
Storm Drain Piping					
Cast Iron	100%	LIFE	** 1		В
Backflow Preventer					
Generic	100%	2029	** 1	\$1,100	В
Fixtures					
Generic	100%				В

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

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

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

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

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

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



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

Asset # : 131

rchitecture	Current Repair	Future Replaceme	nt N	laintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated C FY	Cost Cycle (Yrs)	Estimated Cost	Priorit Cod
terior					
Exterior Walls	2004 N		ala ala 🖉	\$1.10.200	
Cast in Place Concrete	30% Now \$158,600	LIFE	** 5	\$148,300	А
	Caulking Deteriorated, Extent : Mode Location : At Junction Of Metal Tun			L	
	Water Penetration, Extent : Moderate,		инопит Ели		
	Location : At Auditorium Exit	mea nyjeelea . 1070			
Metal/Glass Curt Wall	20% Now \$594,900	LIFE	** 5	\$37,100	А
Wietal/Olass Curt Wall	Broken/Missing Elements, Extent : Sev		-	\$57,100	Л
	Location : Throughout	,			
	Corrosion/Rusting, Extent : Severe, A	ea Affected : 60%			
	Location : Throughout				
	Caulking Deteriorated, Extent : Sever	e, Area Affected : 75%			
	Location : Throughout				
	Water Penetration, Extent : Severe, An	ea Affected : 75%			
	Location : Throughout				
Metal Panel	50% Now \$168,500	2034	** 5	\$92,700	А
	Corrosion/Rusting, Extent : Moderate,	Area Affected : 10%			
	Location : Along Wall Base				
	Caulking Deteriorated, Extent : Mode Location : Along Wall Base	ate, Area Affectea : 50%	0		
	Water Penetration, Extent : Moderate,	Area Affected · 50%			
	Location : At Corridor Adjacent To				
Windows	·				
Aluminum	100% Now \$666,300	2049	** 5	\$8,400	А
	Air Infiltration, Extent : Moderate, Ar	ea Affected : 40%			
	Location : Throughout				
	Broken/Missing Elements, Extent : Sev Location : Throughout	ere, Area Affectea : 40%	0		
	Ctrwt/Balnc Not Funct, Extent : Sever	Area Affected · 10%			
	Location : Throughout	e, mea nyjeciea . 4070			
Roof	0				
Metal Panel	100% Now \$687,200	2029	* *		А
	Corrosion/Rusting, Extent : Light, Are				
	Location : At Corridor Adjacent To				
	Gut/DS Non Func/Miss, Extent : Mode		%		
	Location : Along First Floor Corrido				
	Water Penetration, Extent : Moderate,				
	Location : Along First Floor Corride	or			

Interior

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

Asset # : 131

rchitecture	Current	Repair	Futur	e Replacement	nt Maintenance		
rstem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
erior							
Floors							
Carpet	15% 0-2 Worn/Eroded, Exten Location : Through		2023 Affected	\$102,700 : 20%	3	\$12,700	С
Cast in Place Concrete	13% Now Cracking/Crumbling Location : Slab Set	\$3,600 a, Extent : Severe, A ttlement At Front E		* * ted : 5%	5	\$16,100	С
Ceramic Tile	2%		2033	* *	5	\$1,100	С
Vinyl Tile	50%		2029	* *	3	\$10,600	С
Vinyl Tile	15%		2032	* *	3	\$3,200	С
·	Recent Installation, Location : Through	-	Affected	: 100%			
Wood	5%		2059	* *	5	\$5,300	С
Interior Walls							
Cast in Place Concrete	5% Now Cracking/Crumbling Location : First Fl		LIFE rea Affec	* * rted : 3%			С
Ceramic Tile	5% 2-4 Cracking/Crumbling Location : Through	-	2033 ea Affecte	* * ed : 10%	5	\$1,800	С
Concrete Masonry Unit	55% 2-4 Diagonal Cracks, E. Location : Through	-	LIFE Affected :	* *	5	\$16,000	С
Gypsum Board	25% 2-4 Cracking/Crumbling Location : Through	-	LIFE ea Affecte	* * ed : 10%	5	\$10,900	C
Masonry: Brick	5%		LIFE	* *			С
Metal Panel	5% 2-4 Corrosion/Rusting, I Location : Through	-	LIFE	* *			С
Ceilings							
AcousTileConcealSpLn	5% 2-4 Cracking/Crumbling Location : Through	-	2029 ea Affecte	* * ed : 10%	5	\$1,800	В
AcousTileSusp.Lay-In	25% 2-4 Cracking/Crumbling Location : Through		2037 ea Affecte	* * ed : 20%	5	\$7,100	В
Exposed Struc: Steel	70% Corrosion/Rusting, I Location : Through Water Penetration, I Location : First Fl	hout Extent : Light, Area					В

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

Asset # : 131

Electrical		Current Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
Inder 600 Volts							
Service Equipment							
Fused Disc Sw	70%		2024	\$20,400	5	\$100	В
	Other Ob	servation, Extent : Moderate,	Area Affe	ected : 100%			
	Location	ı : Electrical Room					
	Explana	tion : One 4000 Amps And O	ne 1200 A	Amps Main Discon	nect Swit	ch	
Fused Disc Sw	30%		2034	* *	5	\$100	В
	Other Ob	servation, Extent : Moderate,	Area Affe	ected : 100%			
	Location	1 : Electrical Room					
	Explana	tion : One 1200 Amps Main I	Disconneo	ct Switch For Emer	gency		
Transformers	•						
Dry Type	100%		2029	* *	5	\$100	В
	Other Ob	servation, Extent : Moderate,	Area Affe	ected : 100%			
		ı : Electrical Room					
	Explana	tion : One 112.5 Kva 220v Pi	rimary - 4	80/277v Secondary	v		
Switchgear / Switchboard				-			
Fused Disc Sw	75%		2024	\$68,100	5	\$100	В
Fused Disc Sw	20%		2034	* *	5		В
Molded Case Bkrs	5%		2054	* *	5	\$100	В
Raceway							
Conduit	85%		2024	\$51,700	1		В
Conduit	10%		2034	* *	1		В
Conduit	5%		2054	* *	1		В
Panelboards							
Fused Disc Sw	10%		2023	\$6,900	5	\$100	В
Molded Case Bkrs	85%		2023	\$58,500	5	\$900	В
Molded Case Bkrs	5%		2049	* *	5	\$100	В
Wiring					-		
Thermoplastic	10%		2034	* *	1		В
Thermoplastic	85%		2024	\$52,600	1		В
Thermoplastic	5%		2054	* *	1		В
Motor Controllers							
Locally Mounted	10%		2029	* *	5		В
Motor Control Center	90%		2022	\$63,200	5	\$1,000	В
round	, , , ,			+ ,		+ - , • • •	
Grounding Devices							
Generic	100%		LIFE	* *	5	\$600	В
tand-by Power					-		
Transfer Switches							
Automatic	50%		2022	\$5,300	1	\$6,200	В
Under Construction	50%			+=,===		+ • ,= • •	D
Generators	2070						-
Diesel	50%		2020	\$34,400	1	\$7,800	В
		servation, Extent : Moderate,			-	<i>47,000</i>	2
		1 : Generator Room					
		tion : One 281 Kva					
Under Construction	50%						D
	30%						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 vears is not included in this report.

Asset # : 131

Electrical	Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
tand-by Power						
Batteries						
Lead/Acid	50%	2016	\$300	5	\$700	В
Under Construction	50%					D
Fuel Storage				_		_
Day Tank	100% Other Observation, Extent : Moder Location : Underground Explanation : One 2500 Gals	2023 rate, Area Affe	\$2,600 acted : 100%	5	\$7,000	В
ighting	Explanation : One 2500 Guis					
Interior Lighting						
Fluorescent	15%	2029	* *	10	\$5,200	В
	Other Observation, Extent : Moder Location : Throughout The Build Explanation : T-5 Lamps	rate, Area Affe	cted : 100%	10	<i>\$2,200</i>	2
Fluorescent	55%	2019	\$87,200	10	\$19,100	В
	Other Observation, Extent : Moder Location : Throughout The Build Explanation : T-12 Lamps		cted : 100%			
Fluorescent	30%	2029	* *	10	\$10,400	В
	Other Observation, Extent : Moder Location : Throughout The Build Explanation : T-8 Lamps		cted : 100%			
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						
HID	100%	2019	\$14,000	10	\$100	В
larm						
Security System Generic	100% Now \$115,9 Devices Damaged, Extent : Severe Location : Throughout The Build	, Area Affected	* * 1 : 100%	1	\$13,600	В
Fire/Smoke Detection Generic	100% Now \$396,9 Devices Damaged, Extent : Severe Location : Throughout The Buila	, Area Affected	* * 1 : 100%	1-3	\$22,700	В
Mechanical	Current Repair		e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Estimated (Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod

	E LOIN 2	1000/	2024	* *	~	¢11.700	ъ	
	Fuel Oil No 2	100%	2034	* *	5	\$11,700	В	
_								

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

Asset # : 131

		ASSEL # . 1	31				
lechanical		Current Repair	Futur	Replacement Maintenance			
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
eating							
Conversion Equipment							
Hot Water Boiler	100%		2041	* *	1	\$18,700	В
	Location Other Obs Location	place Evident, Extent : Light, a : Boiler Room servation, Extent : Light, Area a : Boiler Room tion : 2 Units					
Distribution	Explana						
Hot Wtr Piping/Pump	100%		2032	* *	4	\$2,800	В
Terminal Devices	10070		2052			φ2,000	D
Air Handler	70%		2032	* *	1	\$16,400	В
Convector/Radiator	30%		2032	* *	1	\$3,700	B
ir Conditioning	5070		202)		1	\$5,700	D
Energy Source							
Electricity	100%		2032	* *	1		В
Conversion Equipment	10070		2002		•		2
Reciprocating Compr/Chiller	100%		2032	* *	1	\$17,500	В
eompi, ennier	R-134a Re	efrigerant, Extent : Light, Arec	a Affected	d : 100%			
		i : Court Yard	55				
Distribution							
Chilled Wtr Pipe/Pump	100%		2050	* *	4	\$1,900	В
Terminal Devices						+ - ,,, , , ,	
Air Handler/Cool/Ht	100%		2032	* *	1	\$23,400	В
Heat Rejection						+,	
Air Condenser Unit	100%		2032	* *	2	\$26,300	В
entilation						, ,,,,,,,,,	
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$21,100	В
Exhaust Fans						. ,	
Roof	100%		2024	\$28,500	2	\$1,200	В
lumbing	-			. , -			
H/C Water Piping							
Brass/Copper	100%		2034	* *	1		В
Water Heater							
Electric	100%		2023	\$5,600	4	\$200	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В
ire Suppression							
Standpipe							
Generic	100%		2034	* *	1-5	\$19,800	В
Generic	10070		2054		10	φ 1 ,000	
Sprinkler	10070		2034		10	¢17,000	

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 vears is not included in this report.

Asset # : 131

Print Date : 24-Oct	t-2014	FIRE DE	PAR	[MEN]	Г - FY 2015	
Asset Name	: FIRE AC	ADEMY 1	BURN	BUILD	ING #5	
Address	: RANDAI	LLS ISLAN	D			
Borough	: MANHA'	TTAN			Agency's Number	: N/A
Program / Asset #	: FIR0003.	013 / 13554	Ļ		Yr Built/Renovated	: 2003 /
Area Sq Ft	: 6,083				Project Type	: FIRE DEPARTMENT
Date of Survey	: 22-Jul-20	13			Landmark Status	: NONE
Areas Surveyed	: Roof, Flo	ors 1,2				
Block	: 1819	Lot	: 4	40	BIN	: 1085912

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture				\$8,400
Interior Architecture				
Electrical		\$100		
Mechanical		\$100		\$100
Total		\$100		\$8,500
Priority A				\$8,400
Priority B		\$100		\$100
Priority C				
Total		\$100		\$8,500



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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY BURN BUILDING #5

Asset # : 13554

Architecture		Current R	epair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$4,100	А
			xtent : Light, Area	Affected	: 100%			
		a : Throughe						
	Explana	tion : 2 Stor	ry Bldg, No Basem	ent				
Masonry: Brick	95%			LIFE	* *	5	\$15,400	Α
Windows								
Aluminum	50%			2040	* *	5	\$200	А
Metal Louvers	50%			2033	* *	10	\$1,500	А
Parapets								
Not Accessible	100%							D
Roof								
Modified Bitumen	100%			2029	* *	10	\$8,400	Α
nterior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$19,900	С
Interior Walls								
Cast in Place Concrete	20%			LIFE	* *			С
Concrete Masonry Unit	80%			LIFE	* *	5	\$2,500	С
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	\$1,400	В
Electrical		Current R	lepair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cvcle	Estimated Cost	Priority
Component	Total	(Years)		FY		(Yrs)		Cod
Туре								
nder 600 Volts								
Raceway	1000/			2024	* *	1		р
Conduit	100%			2034		1		В
Panelboards	1000/			2022	* *	5	\$200	р
Molded Case Bkrs	100%			2032	-11-	5	\$200	В
Wiring	1000/			2024	* *	1		В
Thermoplastic	100%			2034		1		В
Motor Controllers	1000/			2020	* *	E		р
Locally Mounted	100%			2029	·····	5		В
ighting Interior Lighting								
Fluorescent	100%			2024	\$11,200	10	\$5,600	В
		ervation F	xtent : Moderate, A			10	\$5,000	D
		i : Through		neunge	cica : 10070			
		-	Compact Floures	cont I am	ms			
	Блрини	non . Osing	compact 1 toures	cini Lum	P ⁵			
Exterior Lighting								
Exterior Lighting HID	100%			2024	\$300	10		R
Exterior Lighting HID	100%			2024	\$300	10		В
	100%	Current R	epair		\$300 e Replacement		aintenance	В

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

Note : 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.

FIRE DEPARTMENT - 057 FIRE ACADEMY BURN BUILDING #5

Asset # : 13554

Mechanical	Current Repair	Future Repl	acement	М	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estin FY	nated 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	rea 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	\$300	В

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

 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

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

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

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

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



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

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

FIRE DEPARTMENT - 057 FIRE ACADEMY CLASSROOM BLDG. #11

Asset # · 13552

		Asset # : 13	552					
Architecture		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	
Exterior								
Exterior Walls								
Masonry: Brick	50%		LIFE	* *	5	\$35,100	А	
Metal Panel	35%		2044	* *	5-10	\$168,800	А	
Window Wall	15%		2044	* *	5	\$39,500	А	
Windows								
Aluminum	100%		2040	* *	5	\$13,300	А	
Parapets								
Concrete Masonry Unit	95%		LIFE	* *	5	\$8,400	А	
Metal Rail	5%		2037	* *	5-10	\$7,100	А	
Roof								
IRMA/Protected	100%		2029	* *	10	\$29,700	А	
Membrane								
nterior								
Floors								
Carpet	5%		2023	\$36,000	3	\$4,500	С	
Cast in Place Concrete	10%		LIFE	* *	5	\$13,000	С	
Ceramic Tile	5%		2033	* *	5	\$3,000	С	
Vinyl Tile	80%		2029	* *	3	\$17,900	С	
Interior Walls								
Concrete Masonry Unit	45%		LIFE	* *	5	\$5,800	С	
Gypsum Board	35%		LIFE	* *	5	\$6,800	С	
Masonry: Brick	13%		LIFE	* *			С	
Metal Panel	7%		LIFE	* *			С	
Ceilings								
AcousTileSusp.Lay-In	35%		2037	* *	5	\$20,900	В	
Exposed Struc: Steel	50%		LIFE	* *			В	
Metal Panel	15%		LIFE	* *	5	\$11,200	В	
Electrical		Current Repair	Futur	e Replacement	М	aintenance		
System	% of	Fail Date Estimated Cost	Year	Estimated Cost	Cvcle	Estimated Cost	Priorit	
Component Type	Total	(Years)	FY		(Yrs)		Cod	
nder 600 Volts Service Equipment								
Molded Case Bkrs	100%		2044	* *	5	\$1,000	В	
		servation, Extent : Moderate, A			5	\$1,000	D	
		1 : Electrical Room	1100 11990	<i>ciea</i> . 10070				
		tion : One 1200 Amps Main D	isconner	et Switch				
Switchgear / Switchboard	ырнини	non . One 1200 Amps Main D	sconnet	, Swuch				
Molded Case Bkrs	100%		2044	* *	5	\$1,000	В	
	100%		2044		5	\$1,000	D	
Raceway Conduit	100%		2044	* *	1		В	
	100%		2044		1		U	
Panelboards	100/		20.40	* *	-	¢100	р	

Fused Disc Sw 10% 2040 5 \$100 В * * 5 \$900 Molded Case Bkrs 90% 2040 В Wiring * * Thermoplastic 100% 2044 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.

FIRE DEPARTMENT - 057 FIRE ACADEMY CLASSROOM BLDG. #11

Asset # : 13552

		Asset # : 13	3552				
Electrical	Current Repair Future Replacement Maintenance						
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Jnder 600 Volts							
Motor Controllers							
Locally Mounted	100%		2037	* *	5	\$300	В
Ground							
Grounding Devices Generic	1000/		LIFE	* *	5	\$600	В
	100%		LIFE		5	\$600	D
Stand-by Power Transfer Switches							
Automatic	100%		2037	* *	1	\$12,200	В
lighting	10070		2037		1	¢12,200	Ъ
Interior Lighting							
Fluorescent	80%		2029	* *	10	\$29,200	В
		servation, Extent : Moderate,		ected : 100%		,	
	Location	1 : Throughout The Building					
	Explana	tion : T-8 Lamps					
Fluorescent	20%		2029	* *	10	\$7,300	В
	Other Obs	servation, Extent : Moderate,	Area Affe	ected : 100%		. ,	
	Location	1 : Throughout The Building					
	Explana	tion : T-5 Lamps					
Egress Lighting							
Emergency, Service	50%		2029	* *	1		В
Emergency, Battery	15%		2029	* *	10	\$1,400	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	\$7,400	В
Fire/Smoke Detection							
Generic	100%		2029	* *	1-3	\$24,500	В
Mechanical		Current Repair	Futur	e Replacement	м	aintenance	
System	0/ 0						D • • •
Component	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Туре	Total	(Tears)	11		(113)		Cout
Heating							
Energy Source							
Fuel Oil No 2	100%		2044	* *	5	\$12,300	В
Conversion Equipment							
Hot Water Boiler	100%		2037	* *	1	\$19,700	В
		servation, Extent : Light, Area	Affected	l : 100%			
	Location	ı : Boiler Room					
	Explana	tion : 2 Units - Also Serviing	Adjacent	Building #12 As W	Vell.		
Distribution							
Hot Wtr Piping/Pump	100%		2040	* *	4	\$2,900	В

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

FIRE DEPARTMENT - 057 FIRE ACADEMY CLASSROOM BLDG. #11

Asset # : 13552

			Asset # : 13	555Z				
Mechanical	Current Repair Future Replacem			e Replacement	cement Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
Ieating				•				
Terminal Devices								
Air Handler	80%			2029	* *	1	\$19,700	В
Convector/Radiator	20%			2037	* *	1	\$2,600	В
Air Conditioning								
Energy Source	100-							-
Electricity	100%			2040	* *	1		В
Conversion Equipment	200/			2024	¢120.200	2	\$2,000	р
Ext Pkg Unit - Cooling	80%	amation I	Extent . Light Ang	2024	\$139,200	2	\$2,000	В
	Location		Extent : Light, Area	Ajjeciea	: 100%			
		tion : 2 Un	its					
No Component	20%	2001.201	113					D
No Component Ventilation	20%							D
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$22,200	В
Exhaust Fans	10070			LIIL		23	<i><i>422,200</i></i>	В
Roof	100%	Now	\$1,500	2024	\$30,000	2	\$1,000	В
			ent : Severe, Area A			_	+ - , • • •	_
	Location	e		55				
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		В
Water Heater								
Oil Fired	100%			2019	\$11,700	1	\$1,200	В
			Extent : Light, Area	Affected	1:100%			
		: Boiler R						
Carritana Dining	Explana	tion : Iwo	250 Gallon Tanks					
Sanitary Piping Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping	10070			LIFE		1		D
Cast Iron	100%			LIFE	* *	1		В
Backflow Preventer	10070			Ell E		1		D
Generic	100%			2029	* *	1	\$2,400	В
Fixtures				_ • _ /			+_,	_
Generic	100%							В
/ertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			С
	Other Obs	ervation, E	Extent : Light, Area	Affected	! : 100%			
	Location							
	Explana	tion : One	Unit					
Fire Suppression								
Sprinkler	1005			a c	sta -1-	1.2	#11 100	
Generic	100%			2044	* *	1-2	\$11,100	В

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

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

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

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

CAPITAL

Total			
Priority			
Total			

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$58,100			
Interior Architecture	\$42,100			
Electrical			\$100	\$200
Mechanical				\$100
Total	\$100,300		\$100	\$300
Priority A	\$58,100			
Priority B	\$28,200		\$100	\$300
Priority C	\$14,000			
Total	\$100,300		\$100	\$300



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

FIRE DEPARTMENT - 057 FIRE ACADEMY FIRE TRAINING BLDG #3

Asset # : 1989

Architecture		Current F	Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior								
Exterior Walls Masonry: Brick		0-2 r Miss/Eroo : Penthou	\$9,700 I, Extent : Moderat se	LIFE te, Area A	* * Affected : 15%	5	\$3,400	А
Metal Coiling Doors		4+ /Dented, Ex : Through	\$2,000 ctent : Light, Area . out	2037 Affected	* *	5	\$600	А
Windows Aluminum	Location Broken/M	: Through	ents, Extent : Seve			5	\$200	A
Parapets								
Cast Stone/Terra Cotta	-	0-2 Crumbling, : Through	\$300 Extent : Light, Ard out	LIFE ea Affect	* * ed : 10%	5	\$300	А
Masonry: Brick		0-2 r Miss/Erod : Through	\$1,100 l, Extent : Light, A out	LIFE rea Affec	* * ted : 15%	5	\$400	А
Roof Skylight, Metal/Glass	Location Water Per	: Through	xtent : Light, Area					А
Traffic Topping	Location Miss/Dam Location Water Per	: Through aged Flash : Main Ro	ings, Extent : Mod of xtent : Moderate, A	erate, Ar	ea Affected : 20%			A
terior								
Floors Cast in Place Concrete	-	2-4 Crumbling, : Through	\$6,400 Extent : Moderate out	LIFE e, Area Aj	* * ffected : 10%	5	\$14,100	C
Interior Walls								
Concrete Masonry Unit	Staining/L Location Other Obs Location	e : Stairs ervation, E e : Stairs	\$7,600 Extent : Moderate Extent : Moderate, A riorated Finsh			5	\$2,900	С

Note: 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.

FIRE DEPARTMENT - 057 FIRE ACADEMY FIRE TRAINING BLDG #3

Asset # : 1989

			A3361 # . 1	909				
Architecture		Current R	lepair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
terior Ceilings Exposed Concrete		2-4 netration, E: n : Second F	\$28,200 xtent : Moderate, A Floor	LIFE Area Affe	* * ected : 10%	5	\$700	В
Electrical		Current R	lepair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
nder 600 Volts								
Raceway Conduit	100%			2034	* *	1		В
Panelboards Molded Case Bkrs	100%			2023	\$11,500	5	\$100	В
Wiring Thermoplastic	100%			2024	\$15,400	1		В
ghting Exterior Lighting HID	100%			2019	\$200	10		В
lechanical		Current R	lepair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
umbing	•							
H/C Water Piping Galv Iron/Steel	10%			2029	* *	1		В
	Location	a : 2 Floors	xtent : Light, Area Demonstration - Sta					
No Component	<u>90%</u>	1101 . I 01 L	emonstration - Sic	inapipe	Shiy			D
Storm Drain Piping	2070							D
Cast Iron	Location	a : 1, 2, Roo	xtent : Light, Area f Drains Only	LIFE Affected	* * ! : 10%	1		В
re Suppression	ырший							
Standpipe No Component	90%			000 /		1 -	\$2 00	D
Generic	10%			2034	* *	1-5	\$200	В

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

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

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

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

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$27,100			
Interior Architecture	\$145,100			\$4,000
Electrical	\$300	\$300	\$400	\$24,500
Mechanical	\$5,400	\$900	\$1,700	\$18,000
Total	\$177,900	\$1,200	\$2,100	\$46,500
Priority A	\$27,100			
Priority B	\$16,400	\$1,200	\$2,100	\$42,400
Priority C	\$134,400			\$4,000
Total	\$177,900	\$1,200	\$2,100	\$46,500



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

Asset # : 1992

rchitecture		Current I	Repair	Futur	e Replacement	М	aintenance	
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
terior								
Exterior Walls	0.004		* 4 4 0 0 0		de de	_	*- 000	
Masonry: Brick	-	2-4 Crumbling, : Through	\$44,800 Extent : Moderate out	LIFE , Area Aj	* * ffected : 20%	5	\$7,800	A
Wood Overhead Doors	Location	issing Elen : North Fo				5	\$2,200	А
		ted Finish, 2 : North Fo	Extent : Moderate, acade	Area Afj	fected : 50%			
Windows		_						
Aluminum		2-4 issing Elen : Through	\$8,800 hents, Extent : Mod out	2040 erate, Ar	* * ea Affected : 30%	5	\$600	А
Parapets	0.50	a <i>i</i>	* * * *		* *	-	\$1.000	
Masonry: Brick	-	2-4 Crumbling, : Through	\$5,200 Extent : Light, Are out	LIFE ea Affecte		5	\$1,000	A
Pre-Cast Concrete	-	2-4 Crumbling, : Through	\$100 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$300	A
Roof								
Modified Bitumen			\$5,200 Extent : Light, Area out	2032 Affected	* *			A
erior								
Floors Carpet	50%	Now	\$90,400	2026	* *	3	\$11,200	С
Carper	Punct/Tea		amage, Extent : Se		ea Affected : 100%		\$11,200	C
Cast in Place Concrete	0	2-4 Crumbling, : Through	\$4,400 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$9,800	С
Ceramic Tile		2-4 Crumbling, : Through	\$1,400 Extent : Light, Are out	2033 ea Affecte	* * ed : 10%	5	\$400	С
Vinyl Tile	15% Punct/Tea	Now	\$1,800 amage, Extent : Mo	2029 oderate,	* * Area Affected : 10	3	\$800	С

Note: 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.

Asset # : 1992

chitecture		Current F	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
erior								
Interior Walls								
Ceramic Tile	5%	2-4	\$2,200	2033	* *	5	\$400	С
	-	-	Extent : Light, Are	ea Affect	ed : 10%			
	Location	a : Through	out					
Concrete Masonry Unit		2-4	\$21,100	LIFE	* *	5	\$4,000	С
	-	-	Extent : Light, Are	ea Affect	ed : 10%			
	Location	a : Through	out					
Gypsum Board	15%	2-4	\$1,000	LIFE	* *	5	\$1,500	С
	-	-	Extent : Light, Are	ea Affect	ed : 10%			
	Location	1 : Through	out					
SGFT/Glazed Masonry	20%	2-4	\$12,200	LIFE	* *			С
	Cracking/	Crumbling,	Extent : Light, Are	ea Affect	ed : 10%			
	Location	1 : Through	out					
Ceilings								
AcousTileSusp.Lay-In	60%	2-4	\$49,100	2044	* *	5	\$3,200	В
		-	ents, Extent : Mod	erate, Ar	rea Affected : 5%			
		a : Meter Ro						
			Extent : Moderate	, Area A	ffected : 25%			
	Location	n : Room 1						
	Location Water Per	a : Room 1 netration, E	Extent : Moderate Extent : Moderate, A					
	Location Water Per Location	a : Room 1 netration, E n : Room 1	Extent : Moderate, A	Area Affe	ected : 10%			
Exposed Struc: Steel	Location Water Per Location 25%	a : Room 1 netration, E a : Room 1 4+	xtent : Moderate, A	Area Affe	ected : 10% **			В
Exposed Struc: Steel	Location Water Per Location 25% Corrosion	n : Room 1 netration, E n : Room 1 4+ /Rusting, E	xtent : Moderate, A \$10,700 Sxtent : Light, Area	Area Affe	ected : 10% **			В
	Location Water Per Location 25% Corrosion Location	a : Room 1 netration, E a : Room 1 4+	xtent : Moderate, A \$10,700 Sxtent : Light, Area	Area Affe LIFE Affected	ected : 10% **	5	\$2.000	
Exposed Struc: Steel Gypsum Board	Location Water Per Location 25% Corrosion	n : Room 1 netration, E n : Room 1 4+ /Rusting, E	xtent : Moderate, A \$10,700 Sxtent : Light, Area	Area Affe	ected : 10% ** 1 : 10%	5	\$2,000	B
	Location Water Per Location 25% Corrosion Location	n : Room 1 netration, E n : Room 1 4+ /Rusting, E	xtent : Moderate, A \$10,700 Extent : Light, Area out	Area Affe LIFE Affected LIFE	ected : 10% ** 1 : 10%	_	\$2,000 aintenance	
Gypsum Board ectrical	Location Water Per Location 25% Corrosion Location	e : Room 1 aetration, E a : Room 1 4+ /Rusting, E a : Through Current F	xtent : Moderate, A \$10,700 Extent : Light, Area out	Area Affe LIFE Affected LIFE Futur	** ** ** **	М		В
Gypsum Board ectrical stem Component	Location Water Per Location 25% Corrosion Location 15%	e : Room 1 aetration, E a : Room 1 4+ /Rusting, E a : Through Current F	xtent : Moderate, A \$10,700 Extent : Light, Area out Repair	Area Affe LIFE Affected LIFE Futur	ected : 10% ** ': 10% ** re Replacement	М	aintenance	
Gypsum Board ectrical stem Component Type	Location Water Per Location 25% Corrosion Location 15%	e : Room 1 netration, E n : Room 1 4+ /Rusting, E n : Through Current F Fail Date	xtent : Moderate, A \$10,700 Extent : Light, Area out Repair	Area Affe LIFE Affected LIFE Futur Year	ected : 10% ** ': 10% ** re Replacement	M Cycle	aintenance	B
Gypsum Board ectrical stem Component Type der 600 Volts	Location Water Per Location 25% Corrosion Location 15%	e : Room 1 netration, E n : Room 1 4+ /Rusting, E n : Through Current F Fail Date	xtent : Moderate, A \$10,700 Extent : Light, Area out Repair	Area Affe LIFE Affected LIFE Futur Year	ected : 10% ** ': 10% ** re Replacement	M Cycle	aintenance	B
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment	Location Water Per Location 25% Corrosion Location 15% % of Total	e : Room 1 netration, E n : Room 1 4+ /Rusting, E n : Through Current F Fail Date	xtent : Moderate, A \$10,700 Extent : Light, Area out Repair	Area Affé LIFE Affected LIFE Futur Year FY	ected : 10% ** ': 10% ** re Replacement Estimated Cost	M Cycle (Yrs)	aintenance	B Priorit Cod
Gypsum Board ectrical stem Component Type der 600 Volts	Location Water Per Location 25% Corrosion Location 15% % of Total	e : Room 1 netration, E n : Room 1 4+ /Rusting, E n : Through Current F Fail Date (Years)	xtent : Moderate, A \$10,700 Extent : Light, Area out Repair	Area Affé LIFE Affected LIFE Futur Year FY 2024	** ** ** ** ** ** ** ** ** ** ** ** **	M Cycle	aintenance	B
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment	Location Water Per Location 25% Corrosion Location 15% % of Total	e : Room 1 netration, E n : Room 1 4+ /Rusting, E n : Through Current F Fail Date (Years)	xtent : Moderate, A \$10,700 Extent : Light, Area out Repair Estimated Cost	Area Affé LIFE Affected LIFE Futur Year FY 2024	** ** ** ** ** ** ** ** ** ** ** ** **	M Cycle (Yrs)	aintenance	B Priori Coo
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment	Location Water Per Location 25% Corrosion Location 15% % of Total	a : Room 1 aetration, E a : Room 1 4+ /Rusting, E a : Through Current F Fail Date (Years)	xtent : Moderate, A \$10,700 Extent : Light, Area out Repair Estimated Cost	Area Affe LIFE Affected LIFE Futur Year FY 2024 Area Affe	ected : 10% ** ': 10% ** 'E Replacement Estimated Cost \$1,000 ected : 100%	M Cycle (Yrs)	aintenance	B Priorit Coo
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment	Location Water Per Location 25% Corrosion Location 15% % of Total	a : Room 1 aetration, E a : Room 1 4+ /Rusting, E a : Through Current F Fail Date (Years)	Extent : Moderate, A \$10,700 Extent : Light, Area out Repair Estimated Cost Extent : Moderate, A al Room	Area Affe LIFE Affected LIFE Futur Year FY 2024 Area Affe	ected : 10% ** ': 10% ** 'E Replacement Estimated Cost \$1,000 ected : 100%	M Cycle (Yrs)	aintenance	B Priorit Coo
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Fused Disc Sw	Location Water Per Location 25% Corrosion Location 15% % of Total	a : Room 1 aetration, E a : Room 1 4+ /Rusting, E a : Through Current F Fail Date (Years)	Extent : Moderate, A \$10,700 Extent : Light, Area out Repair Estimated Cost Extent : Moderate, A al Room	Area Affe LIFE Affected LIFE Futur Year FY 2024 Area Affe	ected : 10% ** ': 10% ** 'E Replacement Estimated Cost \$1,000 ected : 100%	M Cycle (Yrs)	aintenance	B Priorit Coo
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard	Location Water Per Location 25% Corrosion Location 15% % of Total	a : Room 1 aetration, E a : Room 1 4+ /Rusting, E a : Through Current F Fail Date (Years)	Extent : Moderate, A \$10,700 Extent : Light, Area out Repair Estimated Cost Extent : Moderate, A al Room	Area Affe LIFE Affected LIFE Futur Year FY 2024 Area Affe sconnect	** ** ** ** ** ** ** ** ** **	M Cycle (Yrs) 5	aintenance	B Priorit Cod
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw	Location Water Per Location 25% Corrosion Location 15% % of Total	a : Room 1 aetration, E a : Room 1 4+ /Rusting, E a : Through Current F Fail Date (Years)	Extent : Moderate, A \$10,700 Extent : Light, Area out Repair Estimated Cost Extent : Moderate, A al Room	Area Affe LIFE Affected LIFE Futur Year FY 2024 Area Affe sconnect	** ** ** ** ** ** ** ** ** **	M Cycle (Yrs) 5	aintenance	B Priori Coo
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards	Location Water Per Location 25% Corrosion Location 15% % of Total 100% Other Obs Location Explana 100%	a : Room 1 aetration, E a : Room 1 4+ /Rusting, E a : Through Current F Fail Date (Years)	Extent : Moderate, A \$10,700 Extent : Light, Area out Repair Estimated Cost Extent : Moderate, A al Room	Area Affé LIFE Affected LIFE Futur Year FY 2024 Area Affe sconnect 2024	ected : 10% ** * * * * * * * * * * * * * * * * *	M Cycle (Yrs) 5	aintenance	B Priori Coo B
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw	Location Water Per Location 25% Corrosion Location 15% % of Total 100% 0ther Obs Location Explana 100% 100%	a : Room 1 aetration, E a : Room 1 4+ /Rusting, E a : Through Current F Fail Date (Years)	Extent : Moderate, A \$10,700 Extent : Light, Area out Repair Estimated Cost Extent : Moderate, A al Room	Area Affe LIFE Affected LIFE Futur Year FY 2024 Area Affe sconnect 2024 2024 2024	ected : 10% ** * * * * * * * * * * * * * * * * *	M Cycle (Yrs) 5	aintenance Estimated Cost	B Priori Coo B
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw Molded Case Bkrs	Location Water Per Location 25% Corrosion Location 15% % of Total 100% Other Obs Location Explana 100%	a : Room 1 aetration, E a : Room 1 4+ /Rusting, E a : Through Current F Fail Date (Years)	Extent : Moderate, A \$10,700 Extent : Light, Area out Repair Estimated Cost Extent : Moderate, A al Room	Area Affe LIFE Affected LIFE Futur Year FY 2024 Area Affe sconnect 2024 2024	ected : 10% *** ** ** ** ** ** ** ** ** ** ** ** *	M Cycle (Yrs) 5 5	aintenance	B Priorit Cod B B B
Gypsum Board ectrical stem Component Type der 600 Volts Service Equipment Fused Disc Sw Switchgear / Switchboard Fused Disc Sw Raceway Conduit Panelboards Fused Disc Sw	Location Water Per Location 25% Corrosion Location 15% % of Total 100% 0ther Obs Location Explana 100% 100%	a : Room 1 aetration, E a : Room 1 4+ /Rusting, E a : Through Current F Fail Date (Years)	Extent : Moderate, A \$10,700 Extent : Light, Area out Repair Estimated Cost Extent : Moderate, A al Room	Area Affe LIFE Affected LIFE Futur Year FY 2024 Area Affe sconnect 2024 2024 2024	ected : 10% ** * * * * * * * * * * * * * * * * *	M Cycle (Yrs) 5 5 1 5	aintenance Estimated Cost	B Priorit Cod B B B B

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

Asset # : 1992

		Asset # : 1	992				
Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Inder 600 Volts							
Motor Controllers	1000/			_	\$100	
Locally Mounted	100%		2022	\$4,300	5	\$100	В
Ground Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	В
tand-by Power							
Transfer Switches							
Automatic	100%		2022	\$11,000	1	\$3,000	В
ighting							
Interior Lighting	9 5 0/		2010	¢15 700	10	¢7 000	р
Fluorescent	85% Other Ob	ervation, Extent : Moderate,	2019 Area Affe	\$15,700	10	\$7,800	В
		: Throughout The Building	Агеи Ајје	ecieu . 10070			
		tion : T-12 Lamps					
Fluorescent	10%	<i>-T</i> *	2024	\$1,800	10	\$900	В
Theoremeter	/ -	ervation, Extent : Moderate,			10	φ200	Ъ
		: Garage	55				
	Explana	tion : Using T-8 Lamps					
HID	5%		2024	\$300	10		В
Egress Lighting							
Emergency, Service	50%		2019	\$700	1		В
No Component	50%						D
Exterior Lighting	100-1						-
Not Accessible	100%						D
Mechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
leating							
Energy Source	100-1				_	** • • • •	-
Fuel Oil No 2	100%		2034	* *	5	\$3,100	В
Conversion Equipment Hot Water Boiler	100%		2020	* *	1	\$4,000	р
Hot water Boller		ed For Hot Water, Extent : Li	2029		1	\$4,900	В
		: Boiler Room	<i>ди</i> , <i>л</i> геи	Ајјестей : 10070			
		ervation, Extent : Light, Area	a Affected	l : 100%			
		: Boiler Room	55				
	Explana	tion : 1 Unit					
Distribution							
Hot Wtr Piping/Pump	100%		2032	* *	4	\$700	В
Terminal Devices							
Air Handler	20%		2024	\$10,200	1	\$1,200	В
Convector/Radiator	70%		2029	* * ¢c 100	1	\$2,300	B
Unit Heater-Stm/HW	10%		2024	\$6,100	4	\$100	В

Air Conditioning

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

Asset # : 1992

		/10001 // 1					
Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cos (Years)	st 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	\$15,600	1		В
No Component	20%						D
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,600	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 \$4,200) 2029	* *	4	\$1,600	В
	Broken, E.	xtent : Moderate, Area Affe	cted : 40%				
		: Sewer Ejectors Located I ther Has Float Problem	In Pit Adjac	cent To Building, C	ne Pump	o Out Of Service	
Fixtures							
Generic	100%						В
Fire Suppression							
Sprinkler	0.5-1						Ð
No Component	85%					* 4	D
Generic	15%		2034	* *	1-2	\$400	В

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

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

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

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

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



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

Asset # : 1991

Architecture		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior								
Exterior Walls								
Masonry: Brick	75%			LIFE	* *	5	\$7,200	А
Masonry: Brick	7%			LIFE	* *	5	\$700	А
Metal Coiling Doors	15%			2037	* *	5	\$4,500	А
Metal Coiling Doors	3%			2037	* *	5	\$900	А
Windows								
Aluminum	80%			2040	* *	5	\$1,000	А
Aluminum	20%	2-4	\$1,900	2040	* *	5	\$100	А
		-	ents, Extent : Ligh	t, Area A	ffected : 20%			
	Location	: Through	out					
Parapets								
Masonry: Brick	80%			LIFE	* *	5	\$900	А
Masonry: Brick	8%	2-4	\$500	LIFE	* *	5	\$100	А
		Crumbling, : Through	Extent : Light, Are out	ea Affecto	ed : 10%			
Pre-Cast Concrete	10%			LIFE	* *	5	\$700	А
Pre-Cast Concrete	2%			LIFE	* *	5	\$100	А
Roof								
Built-Up (BUR)	30%			2029	* *	10	\$3,100	А
	Location		Extent : Moderate, A all Section On New l Deck					
Modified Bitumen	70%			2029	* *	10	\$7,200	А
nterior								
Floors								
Cast in Place Concrete	50%	2-4	\$8,100	LIFE	* *	5	\$17,900	С
	-	Crumbling, : Through	Extent : Light, Are out	ea Affecti	ed : 20%			
Cast in Place Concrete	10%			LIFE	* *	5	\$3,600	С
Ceramic Tile	5%			2033	* *	5	\$800	С
Quarry Tile	5%			2037	* *	5	\$1,200	С
Vinyl Tile	30%	2-4	\$4,000	2024	\$39,600	3	\$1,800	С
	0	Crumbling, : Through	Extent : Light, Are out	ea Affecti	ed : 10%			
Interior Walls								
Concrete Masonry Unit	35%			LIFE	* *	5	\$2,600	С
Concrete Masonry Unit	10%			LIFE	* *	5	\$700	С
Gypsum Board	15%			LIFE	* *	5	\$1,600	С
SGFT/Glazed Masonry	40%	Now	\$13,400	LIFE	* *			С
	-	Crumbling, : Garage	Extent : Moderate	, Area Aj	ffected : 5%			

Note: 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.

Asset # : 1991

			Asset # : 1:	991				
Architecture		Current F	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
nterior								
Ceilings								
AcousTileSusp.Lay-In	30%			2041	* *	5	\$3,500	В
AcousTileSusp.Lay-In	10%	2-4	\$900	2037	* *	5	\$600	В
	-	-	Extent : Light, Are	ea Affect	ed : 20%			
	Location	a : Through	out					
Exposed Struc: Steel	40%			LIFE	* *			В
Exposed Struc: Steel	10%			LIFE	* *			В
Gypsum Board	10%			LIFE	* *	5	\$1,500	В
		Current F	Penair	Futur	e Replacement	М	aintenance	
Electrical								
System Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
Туре								
Jnder 600 Volts								
Service Equipment	1000/			2024	* *	-		р
Fused Disc Sw	100%			2034		5		В
		ervation, E 1 : Electrica	Extent : Moderate, A	аrea Ађе	ected : 100%			
					Switch			
\mathbf{G} is the second \mathbf{G} is the second	Ехріана		400 Amps Main Di	sconneci	Swiich			
Switchgear / Switchboard Molded Case Bkrs	100%			2034	* *	5	\$300	В
Raceway	10070			2034		5	φ300	D
Conduit	100%			2034	* *	1		В
Panelboards	10070			2034		1		Б
Fused Disc Sw	10%			2032	* *	5		В
Molded Case Bkrs	90%			2032	* *	5	\$300	B
Wiring	7070			2052		5	ψ300	D
Thermoplastic	100%			2034	* *	1		В
Motor Controllers	10070			2031		1		D
Locally Mounted	100%			2029	* *	5	\$100	В
Ground	10070			202)		5	\$100	D
Grounding Devices								
Generic	100%			LIFE	* *	5	\$200	В
tand-by Power								
Transfer Switches								
Automatic	100%			2029	* *	1	\$3,200	В
lighting								
Interior Lighting								
Fluorescent	5%			2029	* *	10	\$500	В
	-	s, Extent : 1 1 : Stairway	Moderate, Area Aff Lobby	ected : 1	00%			
Fluorescent	65%		-	2024	\$13,200	10	\$6,500	В
i iuoreseent		ervation F	xtent : Moderate, A			10	φ0,500	Б
			out The Building					
		tion : T-12	-					
Eluoroscont	<u>30%</u>		Lamps	2020	* *	10	\$2,000	D
Fluorescent	30%			2029		10	\$3,000	В

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

Asset # : 1991

			Asset # : 1	991				
Electrical		Current	Repair	Futur	e Replacement	Μ	laintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
ghting								
Egress Lighting								
Emergency, Service	40%			2024	\$600	1		В
Emergency, Battery	20%			2024	\$800	10	\$500	В
Exit, Service	40%			2024	\$600	1		В
Exterior Lighting					· ·			
HID	100%			2024	\$500	10		В
loohoniool		Current	Renair	Futur	e Replacement	M	aintenance	
lechanical								
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori Coc
eating								
Energy Source								
Fuel Oil No 2	100%			2034	* *	5	\$3,400	В
Conversion Equipment								
Hot Water Boiler	100%			2029	* *	1	\$5,400	В
			Water, Extent : Lig	ght, Area	Affected : 100%			
		ı : Boiler R						
	Other Ob.	servation, l	Extent : Light, Area	Affected	l : 100%			
	Location	ı : Boiler R	loom					
	Explana	tion : 1 Un	it					
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$1,000	2032	* *	4	\$500	В
	Not in Ser	vice, Exten	t : Severe, Area Afj	fected : 1	00%			
	Location	ı : Circulat	ion Pump					
Terminal Devices								
Convector/Radiator	30%			2022	\$29,400	1	\$1,100	В
Fan Coil Unit/Heat	70%			2019	\$108,800	1	\$2,500	В
r Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		В
Conversion Equipment								
Ext Pkg Unit - Cooling	20%	Now	\$200	2024	\$9,600	2	\$100	В
-	R-22 Refr	igerant, Ex	tent : Light, Area A	ffected :	20%			
	Location	ı : Roof						
	Other Ob.	servation, I	Extent : Moderate, A	Area Affe	ected : 30%			
	Location	ı : Roof						
	Explana	tion : Insul	ation Deteriorating	7				
Split Unit	10%			2024	\$4,800			В
Window/Wall Unit	40%			2019	\$8,500	1		B
No Component	30%			-	, •			D
Terminal Devices	2070							-
Fan Coil - Cooling	10%			2024	\$5,600	1	\$400	В
No Component	90%				42,000	1	¢100	D
entilation	7070							D
Distribution								
	100%			LIFF	* *	2-5	\$6 100	В
Ductwork/Diffusers	10070			LILL		2-5	φ0,100	Ъ
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,100	

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.

Asset # : 1991

Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
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	\$8,300	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	\$800	В

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

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

CAPITAL

Total	 		
Priority			
Total			

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



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

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

Asset # : 13719

chitecture	Current Repair Future Replacement			М			
stem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
erior							
Exterior Walls Cast in Place Concrete	Location	ervation, Extent : Light, Area : East Side tion : Stairway To Roof	LIFE Affected	**	5	\$3,800	A
Concrete Masonry Unit	85% Effloresce	nce, Extent : Light, Area Affec : : Throughout	LIFE cted : 5%	* *	5	\$8,100	А
Metal Coiling Doors	10%	0	2037	* *	5	\$4,800	А
Windows Metal Louvers	100%		2033	* *	10	\$2,500	А
Parapets Cast Stone/Terra Cotta	Location	ervation, Extent : Light, Area : Top Of Parapet tion : Coping	LIFE Affected	**	5	\$2,300	A
Concrete Masonry Unit	90%		LIFE	* *	5	\$3,000	А
Roof Built-Up (BUR)	Location	rervation, Extent : Moderate, A	2029 Area Affe	* * cted : 100%	10	\$12,900	A
Built-Up (BUR)	20% Other Obs Location	tion : Stone Ballast ervation, Extent : Moderate, A : Throughout tion : Concrete Pavers	2029 Area Affe	* * cted : 100%	10	\$3,200	A
erior	1						
Floors Cast in Place Concrete Vinyl Tile	90% 10%		LIFE 2029	* * * *	5 3	\$17,000 \$300	C C
Interior Walls Concrete Masonry Unit Concrete Masonry Unit	Location	ervation, Extent : Moderate, A : At Train Platform tion : 6" X 6" Units	LIFE LIFE Area Affe	* * * *	5 5	\$2,400 \$200	C C
Ceilings AcousTileSusp.Lay-In Exposed Struc: Steel	10% 90%		2037 LIFE	* * * *	5	\$900	B B
ectrical		Current Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
der 600 Volts Switchgear / Switchboard Molded Case Bkrs	100%		2050	* *	5	\$200	В

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

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

Asset # : 13719

		Asset # : 13	-				
Electrical	Curren	t Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts	-						
Raceway							_
Conduit	100%		2050	* *	1		В
Panelboards Fused Disc Sw	50/		2046	* *	5		В
Molded Case Bkrs	5% 95%		2046	* *	5 5	\$100	Б В
Wiring	<i>JJN</i>		2040		5	\$100	D
Thermoplastic	100%		2050	* *	1		В
Motor Controllers							
Locally Mounted	100%		2041	* *	5		В
tand-by Power							
Transfer Switches							_
Automatic	100%		2041	* *	1	\$1,800	В
ighting Interior Lighting							
Fluorescent	95%		2032	* *	10	\$5,000	В
Thoreseem		, Extent : Moderate, A		ected : 100%	10	ψ5,000	Ъ
		ghout The Building	55				
	Explanation : T-8	3 Lamps					
Fluorescent	5%		2032	* *	10	\$300	В
	Other Observation,	, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Hallwo	-					
	Explanation : T-5	5 Lamps					
Egress Lighting	50%		2032	* *	1		В
Emergency, Service Emergency, Battery	10%		2032	* *	10	\$100	B
Exit, Service	40%		2032	* *	10	\$100	B
Exterior Lighting	10,0		2002		-		2
HID	100%		2032	* *	10		В
Mechanical	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 Cod
leating							
Energy Source							
Fuel Oil No 2	100%		2044	* *	5	\$1,800	В
Conversion Equipment	1000/		2027	* *	1	¢2.800	л
Hot Water Boiler	100% Other Observation	, Extent : Light, Area	2037		1	\$2,800	В
	Location : Boiler	-	Ајјестеи	. 100/0			
	Explanation : 1 U						
	- r concerton . 1 C	*					
Distribution							
Distribution Hot Wtr Piping/Pump	100%		2040	* *	4	\$400	В
	100%		2040	* *	4	\$400	В
Hot Wtr Piping/Pump	100% 40%		2040 2029	* *	4	\$400 \$1,400	B
Hot Wtr Piping/Pump Terminal Devices							

Note : 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.

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

Asset # : 13719

	Current Repair Future Replacement Maintenance			aintenance		
% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
100%		2046	* *	1		В
				2		В
-		ffected :	10%			
	a : Roof					
90%						D
100%		LIFE	* *	2-5	\$3,200	В
						_
100%		2029	* *	2	\$200	В
1000/		2044	* *	1		р
100%		2044	* *	1		В
1000/		2022	¢000	4		р
100%		2022	\$800	4		В
1000/			* *	1		В
100%		LIFE		1		В
000/						D
		2020	* *	1		B
/ -	anyation Extent · Light Area			1		D
	_	луестей	. 10/0			
Блрини	non . I of Bonci Only					
						В
	Total 100% 100% R-22 Refri Location 90% 100% 100% 100% 100% 100% 100% 0ther Obs Location	% of Total Fail Date (Years) Estimated Cost (Years) 100%	% of Total Fail Date (Years) Estimated Cost [FY] 100% 2046 10% 2029 R-22 Refrigerant, Extent : Light, Area Affected : Location : Roof 2029 90% LIFE 100% 2029 100% 2029 100% LIFE 100% 2029 100% 2029 100% 2029 100% 2022 100% 2029 100% 2029 100% 2029 100% 2029 00% 2029 00% 2029 00% 2029 00% 2029	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost FY 100% 2046 ** 10% 2029 ** 10% 2029 ** 10% 2029 ** 10% 2029 ** 10% 2029 ** 100% LIFE ** 100% 2029 ** 100% 2029 ** 100% 2029 ** 100% 2022 \$800 100% 2022 \$800 100% 2029 ** 90% 2029 ** 00% 2029 ** 00% 2029 **	% of Total Fail Date (Years) Estimated Cost FY Year FY Estimated Cost (Yrs) Cycle (Yrs) 100% 2046 ** 1 10% 2029 ** 2 R-22 Refrigerant, Extent : Light, Area Affected : 10% ** 2 Location : Roof 90% ** 2 100% LIFE ** 2 100% 2029 ** 2 100% 2029 ** 2 100% 2029 ** 1 100% 2022 \$800 4 100% 2022 \$800 4 100% 2029 ** 1 90% 2029 ** 1 100% 2029 ** 1 90% 2029 ** 1 90% 2029 ** 1 0/// How 2029 ** 1	% of Total Fail Date (Years) Estimated Cost FY Cycle (Yrs) Estimated Cost (Yrs) 100% 2046 ** 1 10% 2029 ** 2 R-22 Refrigerant, Extent : Light, Area Affected : 10% 2 2 Location : Roof 90% 2 5 100% LIFE ** 2 100% 2029 ** 2 100% 2029 * 2 100% 2029 * 2 100% 2029 * 1 100% 2029 * 1 100% 2021 \$800 4 100% LIFE * 1 90% 2029 * 1 90% 2029 * 1 90% 2029 * 1 90% 2029 * 1 90% 2029 * 1

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

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

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

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

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

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



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

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

Asset # : 13553

Architecture		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior								
Exterior Walls								
Masonry: Brick	30%			LIFE	* *	5	\$23,100	Α
Metal Panel	50%			2044	* *	5-10	\$264,100	Α
Metal Sect. OHD	10%			2037	* *	5	\$24,000	Α
Window Wall	10%			2044	* *	5	\$28,800	А
Windows								
Aluminum	100%			2040	* *	5	\$11,600	Α
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	\$5,800	А
Masonry: Brick	30%			LIFE	* *	5	\$2,300	А
Metal Rail	5%			2037	* *	5-10	\$6,800	А
No Component	55%							D
Roof								
Metal Panel	80%			2041	* *	10	\$79,000	Α
Roll Roofing	20%			2023	\$42,100	5	\$18,000	Α
nterior								
Floors								
Cast in Place Concrete	0	2-4 Crumbling, : Through	\$28,000 Extent : Light, Ard out	LIFE ea Affecte	* * ed : 10%	5	\$124,400	С
Ceramic Tile	-	2-4 Crumbling, : Through	\$3,900 Extent : Light, Are	2033 ea Affecte	* * ed : 10%	5	\$2,100	С
Interior Walls								
Ceramic Tile	2%			2033	* *	5	\$1,000	С
Concrete Masonry Unit	75%			LIFE	* *	5	\$14,300	C
Gypsum Board	5%			LIFE	* *	5	\$1,400	C
Masonry: Brick	12%			LIFE	* *	5	φ1, τ 00	C
Musoni y. Ditek		ervation. F	Extent : Light, Area		: 100%			C
			ipe Mockup On Ma		. 100/0			
			lated Brick Buildin		Mockups			
Matel Coiling Doors	6%	ion : Sinu	aica Brick Buildin	2040	* *	5	\$14,200	С
Metal Coiling Doors		ervation F	Extent : Light, Area		· 100%	5	\$14,300	C
			ipe Mockup	Ајјестеи	. 10070			
			uilding Facade Ma	ckuns				
Ceilings	Елриана	10h . On D	unung I ucuue me	скирз				
Exposed Struc: Steel	95%			LIFE	* *			В
Metal Panel	93% 5%			LIFE	* *	5	\$5,000	B
	570			LU.L	· · · · · · · · · · · · · · · · · · ·	5	φ5,000	Ц
Electrical		Current F	Repair	Futur	e Replacement	Μ	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Under 600 Volts

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

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

Asset # : 13553

		Asset # : 13	555				
Electrical	Cur	rent Repair	Future	e Replacement	М	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
nder 600 Volts							
Service Equipment Fused Disc Sw	Location : Ele	tion, Extent : Moderate, A ectrical Room One 2000 Amps Main D			5	\$200	В
Transformers Dry Type	Location : Ele	tion, Extent : Moderate, A ectrical Room One 30 Kva 480/277hv		* * cted : 100%	5	\$200	В
Switchgear / Switchboard	1						
Molded Case Bkrs	100%		2044	* *	5	\$1,100	В
Raceway Conduit	100%		2044	* *	1		В
Panelboards					_		_
Fused Disc Sw	10%		2040	* *	5	\$100	В
Molded Case Bkrs	90%		2040	* *	5	\$1,000	В
Motor Controllers Locally Mounted	100%		2037	* *	5	\$300	В
tand-by Power							
Transfer Switches	100%		2037	* *	1	¢12 600	В
Automatic	100%		2057		1	\$12,600	D
ighting Interior Lighting							
Fluorescent	90%		2029	* *	10	\$33,700	В
	Other Observat	tion, Extent : Moderate, A roughout The Building T-8 Lamps		cted : 100%	10	<i>420,</i> 700	2
HID	10%		2029	* *	10	\$100	В
Egress Lighting	10/0		2027		10	φ100	D
Emergency, Service	65%		2029	* *	1		В
Exit, LED	35%		2039	* *	1		В
Exterior Lighting							
HID	100%		2029	* *	10	\$100	В
larm							
Security System No Component Generic	Location : Sec		2029 Area Affe	* * cted : 100%	1	\$7,600	D B
Fire/Smoke Detection	Explanation :	Premium System					

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

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

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

Asset # : 13553

Mechanical	Current Repai	r Future	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ieating						
Energy Source						
HTHW/HW	20%	2044	* *	1		В
	Other Observation, Extent	: Light, Area Affected	: 20%			
	Location : 1st Floor		. D '11' //11			
	Explanation : Hot Water	Is Supplied From Adje	icent Building #11			
No Component	80%					D
Distribution		• • • •	ate ate		* -0.0	-
Hot Wtr Piping/Pump	20%	2040	* *	4	\$600	В
	Other Observation, Extent	: Light, Area Affected	: 20%			
	Location : 1st Floor		// 1 1			
	Explanation : Hot Water	From Adjacent Buildi	ng #11			
No Component	80%					D
Terminal Devices						_
Convector/Radiator	15%	2037	* *	1	\$2,000	В
	Other Observation, Extent	: Light, Area Affected	: 15%			
	Location : Ground Level					
	Explanation : Radiant He					
Unit Heater-Stm/HW	5%	2029	* *	4	\$300	В
No Component	80%					D
Ventilation						
Exhaust Fans	2004	2020	de ale		*2 00	P
Roof	20%	2029	* *	2	\$300	В
No Component	80%					D
Plumbing						
H/C Water Piping	2004	2014	* *	1		D
Brass/Copper	20%	2044		1		B
No Component	80%					D
Water Heater	200/	2022	¢1 200	4		р
Electric No Component	20%	2022	\$1,200	4		B
No Component	80%					D
Storm Drain Piping Cast Iron	1000/	LIFE	* *	1		В
Cast Iron	100%	LIFE	4. 4.	1		В

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

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

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

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$11,100			
Interior Architecture	\$23,000			
Electrical			\$100	\$5,200
Mechanical	\$10,700	\$200	\$200	\$800
Total	\$44,800	\$200	\$300	\$6,000
Priority A	\$11,100			
Priority B	\$19,900	\$200	\$300	\$6,000
Priority C	\$13,800			
Total	\$44,800	\$200	\$300	\$6,000



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

FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING TOWER # 1

Asset # : 1988

Current Repair Cail Date Estimated Cost (Years) 2-4 \$8,700 cumbling, Extent : Light, A Throughout 2-4 \$1,500 cing Elements, Extent : Light, A Throughout 4+ \$300 cumbling, Extent : Light, A Throughout 2-4 \$400 cumbling, Extent : Light, A Throughout 2-4 \$400 cumbling, Extent : Light, A Throughout 2-4 \$400 rumbling, Extent : Light, A Throughout	Year Est FY FY LIFE LIFE rea Affected : 2046 ht, Area Affected : LIFE LIFE LIFE LIFE rea Affected : LIFE LIFE rea Affected : 2044	** ted : 5% ** 10% ** 10% **		aintenance Estimated Cost \$3,100 \$3,100 \$400 \$400 \$600 \$100 \$100 \$100	Priority Code A A A A A A A A A
2-4 \$8,700 cumbling, Extent : Light, A Throughout 2-4 \$1,500 sing Elements, Extent : Lig Throughout 4+ \$300 umbling, Extent : Light, A Throughout 2-4 \$400 umbling, Extent : Light, A Throughout 2-4 \$400 rumbling, Extent : Light, A Throughout 2-4 \$400 rumbling, Extent : Light, A Throughout 2-4 stent : Light, A Throughout	FY LIFE LIFE rea Affected : 2046 ht, Area Affect LIFE rea Affected : LIFE rea Affected : 2044 ht, Area Affect 2050	** 10% ted : 5% ** 10% ** 10% ** ted : 10%	(¥rs) 5 5 5 5 5 5 5 5	\$3,100 \$3,100 \$400 \$700 \$600 \$100 \$100	Cod A A A A A A A
umbling, Extent : Light, A Throughout 2-4 \$1,500 sing Elements, Extent : Lig Throughout 4+ \$300 rumbling, Extent : Light, A Throughout 2-4 \$400 rumbling, Extent : Light, A Throughout 2-4 sing Elements, Extent : Lig	LIFE rea Affected : . 2046 ht, Area Affect LIFE rea Affected : . LIFE rea Affected : . 2044 ht, Area Affect	** 10% ted : 5% ** 10% ** 10% ** ted : 10%	5 5 5 5 5 5 5	\$3,100 \$400 \$700 \$600 \$100 \$100	A A A A A A A
umbling, Extent : Light, A Throughout 2-4 \$1,500 sing Elements, Extent : Lig Throughout 4+ \$300 rumbling, Extent : Light, A Throughout 2-4 \$400 rumbling, Extent : Light, A Throughout 2-4 sing Elements, Extent : Lig	LIFE rea Affected : . 2046 ht, Area Affect LIFE rea Affected : . LIFE rea Affected : . 2044 ht, Area Affect	** 10% ted : 5% ** 10% ** 10% ** ted : 10%	5 5 5 5 5 5 5	\$3,100 \$400 \$700 \$600 \$100 \$100	A A A A A A A
umbling, Extent : Light, A Throughout 2-4 \$1,500 sing Elements, Extent : Lig Throughout 4+ \$300 rumbling, Extent : Light, A Throughout 2-4 \$400 rumbling, Extent : Light, A Throughout 2-4 sing Elements, Extent : Lig	LIFE rea Affected : . 2046 ht, Area Affect LIFE rea Affected : . LIFE rea Affected : . 2044 ht, Area Affect	** 10% ted : 5% ** 10% ** 10% ** ted : 10%	5 5 5 5 5 5 5	\$3,100 \$400 \$700 \$600 \$100 \$100	A A A A A A A
umbling, Extent : Light, A Throughout 2-4 \$1,500 sing Elements, Extent : Lig Throughout 4+ \$300 rumbling, Extent : Light, A Throughout 2-4 \$400 rumbling, Extent : Light, A Throughout 2-4 sing Elements, Extent : Lig	rea Affected : . 2046 ht, Area Affect LIFE rea Affected : . LIFE rea Affected : . 2044 ht, Area Affect	10% ted : 5% ** 10% ** 10% ** ted : 10%	5 5 5 5 5	\$400 \$700 \$600 \$100 \$100	A A A A A
ing Elements, Extent : Lig Throughout 4+ \$300 rumbling, Extent : Light, A Throughout 2-4 \$400 rumbling, Extent : Light, A Throughout 2-4 rung Elements, Extent : Lig	ht, Area Affect LIFE LIFE rea Affected : . LIFE LIFE rea Affected : . 2044 ht, Area Affect	ted : 5% *** 10% ** 10% ** ted : 10%	5 5 5 5	\$700 \$600 \$100 \$100	A A A A
ing Elements, Extent : Lig Throughout 4+ \$300 rumbling, Extent : Light, A Throughout 2-4 \$400 rumbling, Extent : Light, A Throughout 2-4 rung Elements, Extent : Lig	ht, Area Affect LIFE LIFE rea Affected : . LIFE LIFE rea Affected : . 2044 ht, Area Affect	ted : 5% *** 10% ** 10% ** ted : 10%	5 5 5 5	\$700 \$600 \$100 \$100	A A A A
Throughout 4+ \$300 rumbling, Extent : Light, A Throughout 2-4 \$400 rumbling, Extent : Light, A Throughout 2-4 rung Elements, Extent : Lig	LIFE LIFE rea Affected : . LIFE rea Affected : . 2044 ht, Area Affect	* * ** 10% ** 10% ** ted : 10%	5 5 5	\$600 \$100 \$100	A A A
umbling, Extent : Light, A Throughout 2-4 \$400 umbling, Extent : Light, A Throughout 2-4 ing Elements, Extent : Lig	LIFE rea Affected : . LIFE LIFE rea Affected : . 2044 ht, Area Affect	* * 10% * * 10% * * ted : 10%	5 5 5	\$600 \$100 \$100	A A A
umbling, Extent : Light, A Throughout 2-4 \$400 umbling, Extent : Light, A Throughout 2-4 ing Elements, Extent : Lig	LIFE rea Affected : . LIFE LIFE rea Affected : . 2044 ht, Area Affect	* * 10% * * 10% * * ted : 10%	5 5 5	\$600 \$100 \$100	A A A
umbling, Extent : Light, A Throughout 2-4 \$400 umbling, Extent : Light, A Throughout 2-4 ing Elements, Extent : Lig	rea Affected : LIFE LIFE rea Affected : 2044 ht, Area Affect 2050	10% ** 10% ** ted : 10%	5 5	\$100 \$100	A A
2-4 \$400 rumbling, Extent : Light, A Throughout 2-4 ring Elements, Extent : Lig	LIFE rea Affected : . 2044 ht, Area Affect 2050	* * 10% * * ted : 10%	5	\$100	А
rumbling, Extent : Light, A Throughout 2-4 ing Elements, Extent : Lig	LIFE rea Affected : . 2044 ht, Area Affect 2050	* * 10% * * ted : 10%	5	\$100	А
rumbling, Extent : Light, A Throughout 2-4 ing Elements, Extent : Lig	rea Affected : 2044 ht, Area Affect 2050	* * ted : 10%			
ing Elements, Extent : Lig	ht, Area Affect 2050	ted : 10%	5	\$100	А
		* *			
		* *			
	2032		10	\$200	Α
		* *	10	\$4,300	Α
2-4 \$3,900 rumbling, Extent : Light, A Throughout	LIFE rea Affected : .	* * 10%	5	\$17,500	С
	2044	* *	1		С
2-4 \$9,900 cumbling, Extent : Light, A Throughout	LIFE rea Affected : .	* *	5	\$3,800	C
	LIFE rea Affected : .	* *	5	\$900	В
Intougnoui					
Current Repair	Future Re	enlacement	м	aintenance	
Current Repair		eplacement timated Cost		aintenance Estimated Cost	Priorit
		rumbling, Extent : Light, Area Affected :	rumbling, Extent : Light, Area Affected : 5%	rumbling, Extent : Light, Area Affected : 5%	rumbling, Extent : Light, Area Affected : 5% Throughout

2024

\$22,000

1

В

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

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

100%

Conduit

FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING TOWER # 1

Asset # : 1988

Electrical	Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
Under 600 Volts						
Panelboards Molded Case Bkrs	100%	2023	\$11,500	5	\$100	В
Wiring Thermoplastic	100%	2024	\$15,400	1		В
Motor Controllers						
Locally Mounted	100%	2022	\$4,300	5		В
Lighting						
Interior Lighting Fluorescent	20%	2029	* *	10	\$1,000	В
	Other Observation, Extent : Mod Location : First Floor And Bas Explanation : T-8 Lamps		cted : 100%			
Fluorescent	80% Other Observation, Extent : Mod	2029 lerate, Area Affe	* *	10	\$4,100	В
	Location : Throughout Explanation : Using Compact					
Exterior Lighting						
HID	100%	2029	* *	10		В
Mechanical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ieating						
Ieating Energy Source						
Energy Source Electricity	20%	2044	* *	1		В
Energy Source Electricity No Component	20% 80%	2044	* *	1		B D
Energy Source Electricity No Component Conversion Equipment	80%					D
Energy Source Electricity No Component Conversion Equipment Radiant Heater	80% 20%	2044 2024	* * \$4,700	1	\$500	D B
Energy Source Electricity No Component Conversion Equipment Radiant Heater No Component	80%				\$500	D
Energy Source Electricity No Component Conversion Equipment Radiant Heater No Component Ventilation	80% 20%				\$500	D B
Energy Source Electricity No Component Conversion Equipment Radiant Heater No Component Ventilation Exhaust Fans	80% 20% 80%	2024	\$4,700	2		D B D
Energy Source Electricity No Component Conversion Equipment Radiant Heater No Component Ventilation	80% 20%	2024	\$4,700		\$500 \$200	D B
Energy Source Electricity No Component Conversion Equipment Radiant Heater No Component Ventilation Exhaust Fans	80% 20% 80% 100% Other Observation, Extent : Ligh	2024 2024 ht, Area Affected	\$4,700 \$8,100 <i>: 100%</i>	2		D B D
Energy Source Electricity <u>No Component</u> Conversion Equipment Radiant Heater <u>No Component</u> /entilation Exhaust Fans Wall Unit	80% 20% 80% 100% Other Observation, Extent : Ligh Location : Basement	2024 2024 ht, Area Affected	\$4,700 \$8,100 <i>: 100%</i>	2		D B D
Energy Source Electricity No Component Conversion Equipment Radiant Heater No Component Ventilation Exhaust Fans Wall Unit	80% 20% 80% 100% Other Observation, Extent : Ligh Location : Basement	2024 2024 ht, Area Affected	\$4,700 \$8,100 <i>: 100%</i>	2		D B D
Energy Source Electricity No Component Conversion Equipment Radiant Heater No Component Ventilation Exhaust Fans Wall Unit	80% 20% 80% 100% Other Observation, Extent : Ligh Location : Basement Explanation : Fan In Basemen 10% Other Observation, Extent : Ligh	2024 2024 ht, Area Affected t To Remove Me 2037	\$4,700 \$8,100 : 100% thane Gas * *	2		D B D
Electricity No Component Conversion Equipment Radiant Heater No Component Ventilation Exhaust Fans Wall Unit	80% 20% 80% 100% Other Observation, Extent : Ligh Location : Basement Explanation : Fan In Basemen 10%	2024 2024 ht, Area Affected t To Remove Me 2037	\$4,700 \$8,100 : 100% thane Gas * *	2		D B D

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

FIRE DEPARTMENT - 057 FIRE ACADEMY TRAINING TOWER # 1

Asset # : 1988

Mechanical	Curre	ent Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail E Total (Yea	Date Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing							
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
	Other Observation, Extent : Light, Area Affected : 10%						
	Location : 1-5		55				
	Explanation : R	oof Drains Only					
Sump Pump(s)	-						
Rigid Piping	100% Nov	v \$10,500	2034	* *	4	\$1,600	В
	Not in Service, E.	xtent : Light, Area Affe	cted : 10	0%			
	Location : Base	ement					
Fire Suppression							
Standpipe							
Generic	100%		2044	* *	1-5	\$2,800	В

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

 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

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

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

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

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



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

Asset # : 1990

Architecture		Current F	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior								
Exterior Walls								
Masonry: Brick	-	2-4 Crumbling, : Through	\$68,800 Extent : Light, Ard out	LIFE ea Affecte	* * ed : 10%	5	\$24,100	А
Masonry: Brick	20%			LIFE	* *	5	\$10,700	А
Metal Sect. OHD	30%			2029	* *	5	\$50,100	А
Metal Sect. OHD	5%			2041	* *	5	\$8,400	А
Windows								
Aluminum	90%			2040	* *	5	\$800	А
Aluminum	10%			2040	* *	5	\$100	Α
Parapets						_	* 4 - 2 - 2	
Pre-Cast Concrete	10%			LIFE	* *	5	\$1,800	A
	Location	: Through		Area Affe	cted : 100%			
		tion : Low	Wall Coping					
No Component	90%							D
Roof Built-Up (BUR)	25%	2-4	\$1,600	2029	* *			А
	Location	ervation, E 2 : Through tion : Stone		Area Affe	cted : 100%			
Roll Roofing	75%	0-2	\$4,300	2020	\$86,800	5	\$18,500	А
Kon Kooning	Gut/DS No Location Miss/Dam	on Func/Ma : Through	iss, Extent : Severe out ings, Extent : Mod	, Area A <u>f</u>	fected : 70%	5	\$18,500	A
	Reflective	-	xtent : Moderate, A	rea Affe	cted : 100%			
iterior								
Floors Cast in Place Concrete	-	Now Crumbling, : Through	\$4,700 Extent : Light, Are	LIFE ea Affecte	* * ed : 10%	5	\$20,700	C
		. Inrougn	oui	LIPE	<u>ት</u> ት	-	¢10,400	0
Cast in Place Concrete	20%			LIFE	* *	5	\$10,400	C
Ceramic Tile	5%	N	¢12.200	2033	* *	5	\$1,200	C
Vinyl Tile		0	\$13,300 ents, Extent : Seve Floor Office, Corri		Affected : 20%	3	\$3,100	C
Interior Walls	Locuion	. 5000nu I			,			
Ceramic Tile	5%			2033	* *	5	\$200	С
Concrete Masonry Unit	55%			LIFE	* *	5	\$200 \$900	Č
Concrete Masonry Unit	20%			LIFE	* *	5	\$300	C C
SGFT/Glazed Masonry	20%	0-2	\$600	LIFE	* *	5	φ500	C
			Extent : Moderate		ffected : 2%			÷
	-	: Garage			~			

Note : 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.

Asset # : 1990

			ASSet # : 1					
Architecture		Current I	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								•
Ceilings								
AcousTileSusp.Lay-In	15%	0-2	\$500	2029	* *	5	\$1,800	В
			xtent : Moderate, A	Area Affe	ected : 5%			
	Location	1 : Room 20	02					
AcousTileSusp.Lay-In	5%			2041	* *	5	\$1,200	В
Exposed Struc: Steel	50%			LIFE	* *			В
Exposed Struc: Steel	20%			LIFE	* *			В
Gypsum Board	10%			LIFE	* *	5	\$3,000	В
Electrical		Current I	Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)		FY		(Yrs)		Cod
Inder 600 Volts								
Service Equipment Fused Disc Sw	50%			2044	* *	5		В
Fused Disc Sw			Extent : Moderate, A			5		D
		1 : Electrica		пей Ајје	ecieu : 10070			
			a Room 1200 Amps Main D	isconno	at Switch			
			1200 Amps Main D		**	-		P
Fused Disc Sw	50%			2044		5		В
			Extent : Moderate, A	Area Affe	ected : 100%			
		1 : Electrico		·	Control From From			
\mathbf{C} is the set (\mathbf{C}) is the set	Explana	tion : One	1200 Amps Main D	isconnee	ct Switch For Emer	gency		
Switchgear / Switchboard Fused Disc Sw	50%			2024	¢10,100	5		р
					\$10,100 * *	5		B B
Fused Disc Sw	50%			2044		5		В
Raceway	000/			2024	¢17.00	1		р
Conduit	80%			2024	\$17,600 * *	1		B
Conduit	20%			2044		1		В
Panelboards	100/			2022	¢1 100	_		р
Fused Disc Sw	10%			2023	\$1,100	5	¢200	B
Molded Case Bkrs	80%			2023	\$9,200 * *	5	\$300	В
Molded Case Bkrs	10%			2040		5		В
Wiring	0.004			2024	¢10.000			D
Thermoplastic	80%			2024	\$12,300 * *	1		В
Thermoplastic	20%			2044		1		В
Motor Controllers	2004			2022	¢1 700	_		D
Locally Mounted	20%			2022	\$1,700	5	¢100	В
Locally Mounted	80%			2029	* *	5	\$100	В
Ground								
Grounding Devices	1000/			LIPP	* *	F	#2 00	р
Generic	100%			LIFE	<u>ጥ</u> ች	5	\$200	В
Stand-by Power								
Transfer Switches	1000/			2027	* *	1	Φ.4. COO	л
Automatic	100%			2037	<u>ጥ</u> ች	1	\$4,600	В

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

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

Asset # : 1990

		Asset # : 1	990				
lectrical		Current Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
and-by Power							
Generators							_
Diesel	100%		2033	**	1	\$5,700	В
		servation, Extent : Moderate, 1 : Outside - Near Bldgs 6 &		ected : 100%			
		tion : One 425 Kva - Supplie		ncy Power To Ruil	dinas # 6	7810&14	
Batteries	Елриана	<i>iion</i> . One 425 Kva - Supplie	s Linei gei	icy I ower 10 Duit	ungs # 0	, 7, 0, 10 & 14	
Lead/Acid	100%		2018	\$600	5	\$500	В
Fuel Storage						· · ·	
Main Tank	100%		2052	* *	5	\$500	В
	Other Ob.	servation, Extent : Moderate,	Area Affe	ected : 100%			
		ı : Generator Area					
	Explana	tion : One 700 Gallons					
ghting							
Interior Lighting Fluorescent	35%		2029	* *	10	\$5,100	В
Fuorescent		servation, Extent : Moderate,			10	\$5,100	Б
		ı : Offices	1110011990				
		tion : T-8 Lamps					
HID	65%		2024	\$5,300	10	\$300	В
Egress Lighting				+++++++++++++++++++++++++++++++++++++++		+	
Emergency, Service	60%		2029	* *	1		В
Exit, Service	40%		2029	* *	1		В
Exterior Lighting							
HID	100%		2029	* *	10		В
larm							
Fire/Smoke Detection	1000/		2020	* *	1.2	¢0 100	р
Generic	100%		2029		1-3	\$9,100	В
lechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
eating							
Energy Source							
Fuel Oil No 2	100%		2034	* *	5	\$4,900	В
Conversion Equipment							
Furnace	20%		2024	\$3,700	1	\$1,600	В
		servation, Extent : Light, Area	a Affectea	<i>t</i> : 20%			
	Location						
		tion : 1 Unit	2027	* *	1	ф <u>с 200</u>	
Hot Water Boiler	80% Other Ob	servation, Extent : Light, Area	2037 a Affected		1	\$6,300	В
		servation, Extent ? Ligni, Area 1 : 1st Floor Boiler Room	и пујестеа	. 00/0			
		tion : 1 Unit					
Distribution	Zapiana						
Hot Wtr Piping/Pump	100%		2032	* *	4	\$1,200	В
r o mr	/ •					, , - •	

Note: 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.

Asset # : 1990

			ASSEL # . 13	550				
Mechanical		Current Re	pair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
leating								
Terminal Devices								
Convector/Radiator	50%			2029	* *	1	\$2,600	В
Unit Heater-Stm/HW	50%			2029	* *	4	\$1,100	В
Air Conditioning								
Energy Source	100%			2040	* *	1		р
Electricity	100%			2040	·····	1		В
Conversion Equipment	200/	Now	\$2 800	2024	¢12 000	2	\$200	р
Ext Pkg Unit - Cooling	20% Not in Ser		\$2,800 Severe, Area Aff		\$13,800	2	\$200	В
			its On The Roof I.					
			nt : Light, Area A					
		i : 3 Units On		jjeereu .	2070			
No Component	80%							D
Ventilation	0070							D
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,800	В
Exhaust Fans								
Roof	85%			2024	\$10,100	2	\$400	В
Wall Unit	15%			2024	\$3,400	2	\$100	В
lumbing								
H/C Water Piping								
Brass/Copper	100%			2044	* *	1		В
Water Heater								
Electric	50%			2019	\$1,200	4		В
Electric	50%			2023	\$1,200	4		В
Sanitary Piping								_
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping	1000/				ate ate			P
Cast Iron	100%			LIFE	* *	1		В
Backflow Preventer	000/							р
No Component	90%			2020	* *	1	¢100	D
Generic	10%	amation Fr	tent : Light, Area	2029		1	\$100	В
		i : Boiler Roo	8	Ajjecieu	. 10%			
		tion : For Bo						
Fixtures	Блрини	. ron bo	uer Oniy					
Generic	100%							В
ire Suppression	10070							2
Sprinkler								
No Component	80%							D
Generic	20%			2034	* *	1-2	\$900	B

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

FIRE DEPARTMENT - FY 2015 Print Date : 24-Oct-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 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$146,400	\$42,700
Interior Architecture	\$34,600	
Electrical	\$68,800	\$664,500
Mechanical	\$36,900	\$188,200
Total	\$286,600	\$895,400
Priority A	\$146,400	\$42,700
Priority B	\$105,700	\$852,700
Priority C	\$34,600	
Total	\$286,600	\$895,400

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



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.

Asset # : 2011

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
xterior								
Exterior Walls								
Cast in Place Concrete	Location	: Above Ov	\$7,900 Extent : Light, Ard verhead Doors Extent : Moderate			5	\$7,400	А
	8	0	verhead Doors	, 1110011	<i>jjeelea</i> . 1070			
Masonry: Brick	87%			LIFE	* *	5	\$42,700	А
Metal Sect. OHD	10%			2036	* *	5	\$15,300	A
Windows	1070			2000		5	\$10,000	
Aluminum		Now c Not Func : Throughe	\$24,500 t, Extent : Modera put	2031 ate, Area	* * Affected : 30%	5	\$6,200	А
Steel	5% Deteriorat Location		Extent : Moderate,	2022 Area Afj	\$32,100 fected : 25%	5	\$8,100	А
Danagata	Location	Stairs						
Parapets Masonry: Brick	95%			LIFE	* *	5	\$4,700	А
Pre-Cast Concrete	93% 5%			LIFE	* *	5	\$1,600	A
Roof	570			LIIL		5	\$1,000	Α
Asphalt Shingle	2%			2026	* *	10	\$100	А
Modified Bitumen	98% Blisters, E. Location Water Pen	: Over Fou etration, Ex	\$14,600 erate, Area Affecta orth Floor ctent : Moderate, A e Marshals Locker	2018 ed : 10% Area Affe				Α
terior	Locuiton	. Over 1 m	i marshais Locker	Room				
Floors								
Carpet	10%			2022	\$51,900	3	\$8,600	С
Cast in Place Concrete	25%	Now	\$21,100	LIFE	* *	5	\$23,500	С
	Location Uneven Su	: Ladder A	Extent : Moderate pparatus Floor nt : Moderate, Are s Floor					
Ceramic Tile	5%			2032	* *	5	\$2,100	С
Terrazzo	2%			LIFE	* *	5	\$700	C
Vinyl Tile	10%			2018	\$34,600	3	\$1,600	Ċ
Vinyl Tile	26%			2028	* *	3	\$5,600	С
Vinyl Tile	20% Recent Cor	struction, 2nd Floo	Extent : Light, Are r	2033	* * ed : 100%	3	\$3,200	C
Wood	2%		xtent : Light, Area	2063 Affected	* * 1 : 100%	5	\$1,600	С

Note: 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.

Asset # : 2011

Architecture		Current Repair	Futur	e Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
terior	•						
Interior Walls							
Ceramic Tile	2%		2038	* *	5	\$1,100	С
		onstruction, Extent : Light, Are n : 2nd Floor	a Affecte	ed : 100%			
Concrete Masonry Unit	10%		LIFE	* *	5	\$2,200	С
-	Diagonal	Cracks, Extent : Light, Area A	ffected :	1%			
	Location	n : Parking Garage					
	Vertical (Cracks, Extent : Light, Area Afj	fected : 1	1%			
	Location	n : Cellar					
Gypsum Board	20%	1	LIFE	* *	5	\$6,500	С
•••	Recent Co	onstruction, Extent : Light, Are	a Affecte	ed : 40%			
	Location	n : 2nd Floor					
Plaster	48%	1	LIFE	* *	5	\$7,700	С
SGFT/Glazed Masonry	20%		LIFE	* *		• /	С
Ceilings							
AcousTileConcealSpLn	35%		2028	* *	5	\$18,800	В
-	Water Pe	netration, Extent : Light, Area	Affected	: 5%			
	Location	n : Locker Room In Fire Marsl	hals Area	a; 3rd Floor Ceilin	g		
AcousTileSusp.Lay-In	5%	1	2036	* *	5	\$2,100	В
AcousTileSusp.Lay-In	15%		2043	* *	5	\$6,400	В
1 2	Recent Co	onstruction, Extent : Light, Are	a Affecte	ed : 100%			
	Location	n : 2nd Floor					
Exposed Concrete	20%		LIFE	* *	5	\$1,300	В
I	Cracking	Crumbling, Extent : Light, Are	ea Affect	ed : 1%		, ,	
	-	n : Stair 3 At Cellar	00				
Plaster	25%		LIFE	* *	5	\$6,700	В
		netration, Extent : Light, Area		: 5%	-	40,700	2
		n : Dormitory In Fire Marshal			oom		

lectrical	Current Repair	Future	Replacement	Μ	aintenance	
rstem Component Type	% of Fail Date Estimated C Total (Years)	Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
der 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2023	\$16,200	5	\$900	В
	Other Observation, Extent : Light,	Area Affected :	100%			
	Location : Basement Main Electr	ical Room				
	Explanation : 3,000 Amp					
Switchgear / Switchboard	- · ·					
Molded Case Bkrs	100%	2023	\$75,700	5	\$900	В
Raceway						
Conduit	20%	2033	* *	1		В
Conduit	80%	2023	\$33,200	1		В

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

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

Asset # : 2011

		ASSEL # . /					
Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
Jnder 600 Volts							
Panelboards							
Molded Case Bkrs	80%		2022	\$36,700	5	\$700	В
Molded Case Bkrs	20%		2031	* *	5	\$200	В
Wiring							
Thermoplastic	20%		2033	* *	1		В
Thermoplastic	80%		2023	\$34,100	1		В
Motor Controllers							
Locally Mounted	100%		2021	\$56,200	5	\$200	В
Ground							
Grounding Devices					_		_
Generic	Location	0-2 \$900 servation, Extent : Moderate n : Basement tion : Corroded And Connec			5	\$500	В
Stand-by Power	1			I I I			
Transfer Switches							
Automatic	Location	servation, Extent : Light, Are 1 : Basement Main Electricat tion : 3 Pole, 100 Amp		\$10,700 ! : 100%	1	\$10,000	В
Generators	Explana	<i>iion : 5 1 oic</i> , 100 iimp					
Diesel	Location	servation, Extent : Light, Are 1 : Generator Room tion : 30 Kw, 37.5 Kva	2019 va Affected	\$68,800 ! : 100%	1	\$12,600	В
Batteries							
Lead/Acid	100%		2016	\$600	5	\$1,200	В
Fuel Storage							
Day Tank	Location	servation, Extent : Light, Are	om		5	\$1,100	В
		tion : 250 Gallon Stand- Alo		* *	-	##*	5
Main Tank	Location	servation, Extent : Light, Are 1 : Underground tion : 1,000 Gallon	2026 ea Affected		5	\$700	В

Lighting

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

Asset # : 2011

lectrical		Current Re	epair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
ghting								
Interior Lighting Fluorescent	-		ight, Area Affect ut The Building	2023 ed : 100%	\$36,100	10	\$7,900	В
Fluorescent	Location Other Obs Location	: Basement	\$9,600 ght, Area Affected tent : Severe, Are Out		* *			В
Fluorescent	60% T-8 Lamps	, Extent : Li	ght, Area Affected ut The Building	2023 d : 100%	\$72,100	10	\$15,800	В
Incandescent	2%			2023	\$2,400	2		В
Egress Lighting Emergency, Service		ervation, Ex : Throughou	tent : Light, Area ut	2028 Affected	* *	1		В
Exit, Service	50% Not Functi	Now oning, Exter	ency Lighting Fro \$2,000 at : Moderate, Ar ut The Building	2033	* *	1		В
Exterior Lighting HID	Location	: Facade	tent : Light, Area ights, Controlled			10	\$100	В
arm								
Fire/Smoke Detection Generic	100%			2023	\$320,500	1-3	\$20,100	В
lechanical		Current Re	epair	Future	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
eating Energy Source Natural Gas	100%			2043	* *	1		В
Conversion Equipment Hot Water Boiler Hot Water Boiler	85% 15%			2036 2043	* * * *	1	\$12,000 \$2,100	B B

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

Asset # : 2011

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
Ieating								
Distribution								
Hot Wtr Piping/Pump	85%			2031	* *	4	\$1,200	В
Hot Wtr Piping/Pump	15%			2048	* *	4	\$300	В
			xtent : Light, Area r Division 1	Affected	! : 100%			
Terminal Devices								
Convector/Radiator	75%			2028	* *	1	\$6,900	В
Convector/Radiator	15%			2043	* *	1	\$1,400	В
			xtent : Light, Area r Division 1	Affectea	: 100%			
Fan Coil Unit/Heat	10%			2023	\$40,700	1	\$900	В
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		В
Conversion Equipment Reciprocating	75%	2-4	\$20,700	2023	\$69,100	1	\$9,000	В
Compr/Chiller								
			xtent : Moderate, A	Area Affe	ected : 40%			
	Location	6	F (<i>G</i>))					
		ion : Aged	Equipment / Chille					
Window/Wall Unit	5%			2021	\$2,800	1		В
No Component	20%							D
Distribution	1000		¢ z . 200		ماد ماد		¢1.400	P
Chilled Wtr Pipe/Pump	100%	Now	\$5,300	2033	* *	4	\$1,400	В
		-	Extent : Severe, Ar cal Room On Roof		fed : 20%			
Terminal Devices								
Air Handler/Cool/Ht	85%			2023	\$78,400	1	\$15,100	В
Air Handler/Cool/Ht Fan Coil - Cooling	15%			2033	* *	1 1	\$15,100 \$1,400	B B
	15% Other Obs		xtent : Light, Area	2033	* *			
	15% Other Obs Location	: 2nd Floo	r Division 1	2033	* *			
Fan Coil - Cooling	15% Other Obs Location		r Division 1	2033	* *			
Fan Coil - Cooling Heat Rejection	15% Other Obs Location Explanat	: 2nd Floo	r Division 1	2033 Affected	* *	1	\$1,400	В
Fan Coil - Cooling Heat Rejection Air Condenser Unit	15% Other Obs Location Explanat 85%	: 2nd Floo	r Division 1	2033 Affected 2018	* * : 100% \$36,900	1	\$1,400 \$17,000	B
Fan Coil - Cooling Heat Rejection	15% Other Obs Location Explanat 85% 15%	: 2nd Floo tion : New I	r Division 1 Installation	2033 Affected 2018 2033	** : 100% \$36,900 **	1	\$1,400	В
Fan Coil - Cooling Heat Rejection Air Condenser Unit Evap Condenser	15% Other Obs Location Explanat 85% 15% Recent Ins	: 2nd Floo tion : New I	r Division 1 Installation Extent : Light, Area	2033 Affected 2018 2033	** : 100% \$36,900 **	1	\$1,400 \$17,000	B
Fan Coil - Cooling Heat Rejection Air Condenser Unit Evap Condenser	15% Other Obs Location Explanat 85% 15% Recent Ins	: 2nd Floo tion : New I tallation, E	r Division 1 Installation Extent : Light, Area	2033 Affected 2018 2033	** : 100% \$36,900 **	1	\$1,400 \$17,000	B
Fan Coil - Cooling Heat Rejection Air Condenser Unit Evap Condenser Ventilation Distribution	15% Other Obs Location Explanat 85% 15% Recent Ins Location	: 2nd Floo tion : New F tallation, E : Lower Re	r Division 1 Installation Extent : Light, Area pof	2033 Affected 2018 2033 Affected	** : 100% \$36,900 ** 1: 100%	1 2 2 2	\$1,400 \$17,000 \$3,000	B B B
Fan Coil - Cooling Heat Rejection Air Condenser Unit Evap Condenser	15% Other Obs Location Explanat 85% 15% Recent Ins Location 100% Insul. Dete	: 2nd Floo ion : New I tallation, E : Lower Ra Now eriorating, J	r Division 1 Installation Extent : Light, Area pof \$11,700 Extent : Severe, Ar	2033 Affected 2018 2033 Affected LIFE	** : 100% \$36,900 ** 1: 100% **	1	\$1,400 \$17,000	B
Fan Coil - Cooling Heat Rejection Air Condenser Unit Evap Condenser Ventilation Distribution Ductwork/Diffusers	15% Other Obs Location Explanat 85% 15% Recent Ins Location 100% Insul. Dete	: 2nd Floo tion : New I tallation, E : Lower Ra Now	r Division 1 Installation Extent : Light, Area pof \$11,700 Extent : Severe, Ar	2033 Affected 2018 2033 Affected LIFE	** : 100% \$36,900 ** 1: 100% **	1 2 2 2	\$1,400 \$17,000 \$3,000	B B B
Fan Coil - Cooling Heat Rejection Air Condenser Unit Evap Condenser Ventilation Distribution Ductwork/Diffusers Exhaust Fans	15% Other Obs Location Explanat 85% 15% Recent Ins Location 100% Insul. Dete Location	: 2nd Floo ion : New I tallation, E : Lower Ra Now eriorating, J	r Division 1 Installation Extent : Light, Area pof \$11,700 Extent : Severe, Ar	2033 Affected 2018 2033 Affected LIFE ea Affect	* * : 100% \$36,900 * * 2 : 100% * * * *	1 2 2 2-5	\$1,400 \$17,000 \$3,000 \$16,000	B B B
Fan Coil - Cooling Heat Rejection Air Condenser Unit Evap Condenser Ventilation Distribution	15% Other Obs Location Explanat 85% 15% Recent Ins Location	: 2nd Floo tion : New F tallation, E : Lower Re	r Division 1 Installation Extent : Light, Area pof	2033 Affected 2018 2033 Affected	** : 100% \$36,900 ** 1: 100%	1 2 2 2	\$1,400 \$17,000 \$3,000	B B B
Fan Coil - Cooling Heat Rejection Air Condenser Unit Evap Condenser Ventilation Distribution Ductwork/Diffusers	15% Other Obs Location Explanat 85% 15% Recent Ins Location 100% Insul. Dete	: 2nd Floo ion : New I tallation, E : Lower Ra Now eriorating, J	r Division 1 Installation Extent : Light, Area pof \$11,700 Extent : Severe, Ar	2033 Affected 2018 2033 Affected LIFE	** : 100% \$36,900 ** 1: 100% **	1 2 2 2	\$1,400 \$17,000 \$3,000	B B B

Plumbing

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

Asset # : 2011

Mechanical	Current Repair	Future Re	placement	Μ	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing	-					
H/C Water Piping						
Brass/Copper	100%	2043	* *	1		В
Water Heater						
Gas Fired	100%	2018	\$6,300	2	\$400	В
	Other Observation, Extent : Light	ht, Area Affected : 10	0%			
	Location : Basement					
	Explanation : 2 - 80 Gallon Un	nits				
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Sump Pump(s)						
Rigid Piping	100%	2023	\$10,500	4	\$1,600	В
Fixtures						
Generic	100%					В
/ertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			С
	Other Observation, Extent : Light		0%			
	Location : Basement To 4th Fl	oor				
	Explanation : 1 - Unit					
Fire Suppression						
Sprinkler						-
No Component	80%					D
Generic	20%	2043	* *	1-2	\$1,600	В
	Other Observation, Extent : Lig	ht, Area Affected : 10	0%			
	Location : Garage					
	Explanation : Serves Garage A	and Basement Level (Only			

Note: 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.

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

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

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

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



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

FIRE DEPARTMENT - 057 MAINTENANCE GARAGE LIC

Asset # : 2010

rchitecture		Current F	ASSEL # : Z		e Replacement	M	aintenance	
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
terior								
Exterior Walls								
Cast in Place Concrete	75%			LIFE	* *	5	\$461,800	А
Metal Panel	15%			2051	* *	5-10	\$63,500	Α
Metal Sect. OHD	Location	servation, E	\$18,200 Extent : Moderate, A Pade Entrance Warped	2038 Area Affe	* * ected : 10%	5	\$9,600	A
Windows								
Aluminum	Location Caulking Location Water Per	roken/Crac a : Carpenta Deteriorate a : Second I aetration, E	\$28,100 ked, Extent : Mode ry Shop d, Extent : Modera Floor Offices fxtent : Moderate, A Floor Offices	ite, Area	Affected : 25%	5	\$1,800	Α
Metal Louvers	5%		\$300	2034	* *			А
	Corrosion		xtent : Light, Area					A
Parapets								
Cast in Place Concrete	95%			LIFE	* *	5	\$217,300	А
Metal Panel	5%			2051	* *	5	\$2,100	Α
Roof	650			2022	* *	10	¢152.400	
Modified Bitumen Modified Bitumen	65% 30%	0-2	\$39,100	2033 2033	* *	10	\$153,400	A
Modified Ditufiel	Ponding, Location Seams Op	Extent : Ma 1 : Flat Roa	derate, Area Affec fs :tent : Moderate, A	ted : 35%				А
Skylight, Metal/Glass	5%			2045	* *	10	\$39,300	А
erior								
Floors	(50)			LIPP	* *	F	¢702.000	C
Cast in Place Concrete	65%			LIFE	* *	5	\$793,800	C
Ceramic Tile	5%			2034	* *	5	\$14,000	C
Terrazzo	5%			LIFE		5	\$21,800	C
Vinyl Tile	5%			2025	\$112,500 * *	3	\$7,000	C
Vinyl Tile	15%			2033	* *	3	\$15,700	С
•	E 0/							
Under Construction	5%							D
•	5% Cracking/	Crumbling,	\$8,000 Extent : Moderate Lintel Second Floo	-	-			D C
Under Construction Interior Walls Cast in Place Concrete	5% Cracking/ Location	Crumbling,	Extent : Moderate	e, Area Aj or Offices	ffected : 10%	5	\$2.100	С
Under Construction Interior Walls Cast in Place Concrete Concrete Masonry Unit	5% Cracking/ Location 10%	Crumbling,	Extent : Moderate	e, Area Aj or Offices LIFE	ffected : 10%	5 5-10	\$2,100 \$11,400	C C
Under Construction Interior Walls Cast in Place Concrete Concrete Masonry Unit Gypsum Board	5% Cracking/ Location 10% 25%	Crumbling,	Extent : Moderate	e, Area A or Offices LIFE LIFE	ffected : 10% 5 * *	5-10	\$11,400	C C C
Under Construction Interior Walls Cast in Place Concrete Concrete Masonry Unit	5% Cracking/ Location 10%	Crumbling,	Extent : Moderate	e, Area Aj or Offices LIFE	ffected : 10% 5 * * * *			C C

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

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

FIRE DEPARTMENT - 057 MAINTENANCE GARAGE LIC

Asset # : 2010

Architecture	Current Repair Future Rep				e Replacement	eplacement Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
nterior									
Ceilings									
AcousTileSusp.Lay-In	25%			2042	* *	5	\$69,800	В	
Exposed Concrete	50%		* 12 < 0.0	LIFE	* *	5-10	\$174,500	В	
Exposed Concrete	5%	Now	\$42,600	LIFE	* *	5	\$2,200	В	
	-	-	Extent : Moderate Beam At Ceiling (-	-				
Exposed Struct Steel	5%	. concrea	beam in cening (LIFE	**	10	\$27,900	В	
Exposed Struc: Steel Plaster	10%			LIFE	* *	5-10	\$27,900 \$48,000	B	
Under Construction	5%			LIIL		5-10	φ+0,000	D	
	0,0							2	
Electrical		Current F	Repair	Futur	e Replacement	М	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod	
Inder 600 Volts									
Service Equipment									
Not Accessible	100%							D	
Transformers									
Dry Type	100%			2042	**	5	\$800	В	
	Other Obs Location		Extent : Moderate, A	Area Affe	ected : 100%				
		v	Kva, 208/120 V						
Switchgear / Switchboard	Елриана	11011 . 225 1	<i>va</i> , 200/120 v						
Air Circuit Breaker	50%			2051	* *	5	\$500	В	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location	a : Generate	or Room						
	Explana	tion : Low	Voltage Power Circ	cuit Bred	ıker				
Not Accessible	50%							D	
Raceway									
Conduit	100%			2051	* *	1		В	
Panelboards	20/			2047	* *	5	¢100	р	
Fused Disc Sw Molded Case Bkrs	2% 98%			2047 2047	* *	5 5	\$100 \$5,300	B B	
Wiring	90%			2047		5	<i>ф</i> 3,300	D	
Thermoplastic	100%			2051	* *	1		В	
Motor Controllers	10070					-		2	
Locally Mounted	100%			2042	* *	5	\$1,400	В	
Ground									
Grounding Devices									
Generic	100%			LIFE	* *	5	\$6,000	В	
Stand-by Power									
Transfer Switches	1000/			20.42	* *	1	¢ <i>c</i> 2 100	п	
Automatic	100%			2042	-11-	1	\$63,100	В	

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

FIRE DEPARTMENT - 057 MAINTENANCE GARAGE LIC

Asset # : 2010

lectrical		Current Repair	Future	Replacement	Μ	aintenance	
ystem Component Type	% of Total	Fail Date Estimated Cos (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
and-by Power							
Generators Diesel	Location	ervation, Extent : Moderat : Generator Room			1	\$79,400	В
	Explanat	ion : 2- Emergency Genero	ators No Ava	ilable Nameplate	Ratings		
Batteries Lead/Acid	100%		2020	\$600	5	\$7,600	В
Fuel Storage Day Tank	Location	ervation, Extent : Moderat : Generator ion : 620 Gallons Capacity		* * ted : 100%	5	\$17,300	В
Main Tank	50% Other Obse Location	ervation, Extent : Moderat : Underground ion : No Available Namepi	2060 e, Area Affec		5	\$2,700	В
ghting							
Interior Lighting Fluorescent	30% T-8 Lamps Location	, Extent : Moderate, Area . : Offices	2033 Affected : 10	* *	10	\$51,300	В
Fluorescent	-	, Extent : Moderate, Area . : Repair Shops	2033 Affected : 10	* *	10	\$119,700	В
Egress Lighting							
Emergency, Battery	30%		2033	* *	10	\$13,500	В
Exit, Service	70%		2033	* *	1		В
Exterior Lighting HID	100%		2033	* *	10	\$600	В
larm							
Security System No Component	70%		2022	* *		†22 000	D
Generic	Location	ervation, Extent : Moderat : Inside And Outside ion : C C T V Surveillance			1	\$23,000	В
Fire/Smoke Detection	1						
Generic, Digital	Location	ervation, Extent : Moderat : Throughout The Building ion : Strobe Lights, Smoke	3		ons, Horr	s, Alarm Bells	В

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

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.

FIRE DEPARTMENT - 057 MAINTENANCE GARAGE LIC

Asset # : 2010

		ASSET # : 201		o Poplacement		aintonence	
Mechanical	Current	Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Natural Gas	40%		2045	* *	1		В
Interruptible Gas/Dual	60%	2	2045	* *	1		В
Fuel							
Conversion Equipment							
Furnace	40%		2030	* *	1	\$400	В
	Other Observation,	Extent : Light, Area A <u>f</u>	ffected	: 40%			
	Location : Roof						
	Explanation : 4 Un	nits					
Steam Boiler	60%	2	2038	* *	1	\$1,100	В
	Other Observation,	Extent : Light, Area A <u>f</u>	ffected	: 60%			
	Location : Baseme	nt Boiler Room					
	Explanation : 3 Un	nits					
Distribution							
Steam Piping/Pump	60%	2	2025	\$7,400	4	\$100	В
No Component	40%						D
Terminal Devices							
Convector/Radiator	40%		2030	* *	1	\$200	В
Fan Coil Unit/Heat	20%		2025	\$5,300	1	\$100	В
No Component	40%						D
Air Conditioning							
Energy Source							
Electricity	100%		2033	* *	1		В
Conversion Equipment							
Ext Pkg Unit - Cooling	5%		2030	* *	2	\$600	В
		tent : Light, Area Affe	ected :	5%			
	Location : Roof						
Split Unit	10%	2	2030	* *			В
1	Other Observation,	Extent : Light, Area A <u>f</u>	ffected	: 10%			
	Location : Roof						
	Explanation : Refr	igerant R-410 A					
Window/Wall Unit	15%	2	2020	\$54,500	1		В
No Component	70%			, , , , , , , , , , , , , , , , , , , ,			D
Terminal Devices							
Fan Coil - Cooling	10%		2030	* *	1	\$6,000	В
No Component	90%						D
Heat Rejection							
Remote Air Cond	10%	2	2030	* *	2	\$13,000	В
No Component	90%		-			, •	D
Ventilation							
Distribution							
Ductwork/Diffusers	100%	Ι	LIFE	* *	2-5	\$164,700	В
						. , .	
Exhaust Fans Interior	5%	2	2030	* *	2	\$300	В

Plumbing

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

FIRE DEPARTMENT - 057 MAINTENANCE GARAGE LIC

Asset # : 2010

Mechanical	Current Repair	Future R	eplacement	М	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
lumbing						
H/C Water Piping						
Brass/Copper	100%	2035	* *	1		В
Water Heater						
Gas Fired	100%	2023	\$41,100	2	\$2,700	В
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Sump Pump(s)						
Rigid Piping	100%	2025	\$10,500	4	\$2,500	В
Fixtures						
Generic	100%					В
ire Suppression						
Standpipe						
Generic	100%	2035	* *	1-5	\$900	В
	Other Observation, Extent : Light,	Area Affected : 1	00%			
	Location : 34th Street Side Wall					
	Explanation : Connection					
Sprinkler						
No Component	80%					D
Generic	20%	2035	* *	1-2	\$100	В
Chemical System						
Generic	100%	2023	\$24,800	1-3	\$50,600	В

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

 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

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

Asset Name	: MARINE 9							
Address	: FRONT AND WAVE STREETS @ WATERFRONT							
Borough	: STATEN ISL	AND		Agency's Number	: N/A			
Program / Asset #	: FIRSMAR.00	9 / 14079	9	Yr Built/Renovated	: 2011 /			
Area Sq Ft	: 8,000			Project Type	: FIRE DEPARTMENT			
Date of Survey	: 07-Mar-2013			Landmark Status	: NONE			
Areas Surveyed	: Roof, Floors	1,2						
Block	:	Lot	:	BIN	:			

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

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$15,900			
Interior Architecture	\$13,100	\$1,700		
Electrical	\$1,300	\$1,200	\$1,200	\$2,700
Mechanical	\$1,300	\$900	\$2,800	\$900
Total	\$31,600	\$3,800	\$3,900	\$3,600
Priority A	\$15,900			
Priority B	\$3,500	\$2,100	\$3,900	\$3,600
Priority C	\$12,200	\$1,700		
Total	\$31,600	\$3,800	\$3,900	\$3,600



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

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FIRE DEPARTMENT - 057

MARINE 9

Asset #: 14079

					- Doulocomout			
Architecture		Current R	epair	Futur	e Replacement	INI	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
xterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$6,100	Α
Masonry: Granite	45%			LIFE	* *	5	\$8,200	Α
Metal Panel	40%			2050	* *	5-10	\$66,900	А
Metal Sect. OHD	5%			2041	* *	5	\$3,800	А
Window Wall	5%			2050	* *	5	\$4,600	А
Windows								
Aluminum	100%	Now	\$2,400	2046	* *	5	\$600	А
	Glazing B	roken/Crack	ed, Extent : Mode	rate, Are	ea Affected : 5%			
	Location	a : Second F	loor Corridor					
	Water Per	etration, Ex	tent : Moderate, A	Area Affe	cted : 15%			
			rance Clear Story					
Parapets								
Metal Rail	90%			2041	* *	5-10	\$28,100	А
Metal: Cage/Fence	10%			2041	* *	5-10	\$1,300	А
Roof							. ,	
Built-Up (BUR)	45%			2032	* *	10	\$3,700	А
Built-Up (BUR)	55%			2032	* *	10	\$4,500	А
	Other Obs	servation, Ex	ctent : Moderate, A	Area Affe	ected : 100%			
	Location	n : Main Roc	of					
	Explana	tion : Garde	n " Green " Roof					
terior								
Floors								
Cast in Place Concrete	5%			LIFE	* *	5	\$2,000	С
Ceramic Tile	5%			2037	* *	5	\$900	С
Panel/Paver: Cer/Brk	60%			2046	* *	5	\$24,300	С
Sheet Vinyl/Rubber	5%			2032	* *	5	\$1,400	С
Vinyl Tile	25%			2032	* *	3	\$1,700	С
Interior Walls								
Glazed Ceramic Panel	15%			LIFE	* *			С
Gypsum Board	80%			LIFE	* *	5	\$9,000	С
Wood	5%			LIFE	* *	5	\$3,800	С
Ceilings								
AcousTileSusp.Lay-In	10%			2041	* *	5	\$1,800	В
Exposed Struc: Steel	5%			LIFE	* *			В
Gypsum Board	45%			LIFE	* *	5	\$10,100	В
Plaster	40%			LIFE	* *	5	\$4,500	В
							. ,	
Electrical		Current R	epair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priorit
Component	Total	(Years)		FY	COSt	(Yrs)		Cod
Typo		· /						

Over 600 Volts

Туре

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 vears is not included in this report.

MARINE 9

Asset # : 14079

Electrical		Current Repair	Futur	e Replacement	Μ	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
ver 600 Volts	•						
Service Equipment							
Fused Disc Sw	Location	servation, Extent : Moderate, . 1 : Outside tion : One 600 Amps Main Di			3		В
Transformers							
Dry Type	Location	servation, Extent : Moderate, . 1 : Outside tion : One 750 Kva 4160hv-48		* * ected : 100%	3		В
Feeders							
Cable	100%		2049	* *	1		В
Raceway							
Conduit	100%		2054	* *	1		В
nder 600 Volts							
Service Equipment Molded Case Bkrs		servation, Extent : Moderate, A	2054 Area Affe	* * ected : 100%	5	\$200	В
		1 : Electrical Room, 1st Floor		a			
	Explana	tion : One 600 Amps Main Di	sconnect	Switch			
Transformers	100%		2044	* *	5		В
Dry Type	Other Ob. Location	servation, Extent : Moderate, 1 1 : Electrical Room, 1st Floor tion : Two 112.5 Kva, 480hv-1	Area Affe	ected : 100%	5		D
Switchgear / Switchboard	Laptanta			·			
Molded Case Bkrs	100%		2054	* *	5	\$200	В
Raceway						+	
Conduit	100%		2054	* *	1		В
Panelboards							
Fused Disc Sw	10%		2049	* *	5		В
Molded Case Bkrs	90%		2049	* *	5	\$200	В
Wiring							
Thermoplastic	100%		2054	* *	1		В
Motor Controllers							
Locally Mounted	100%		2044	* *	5	\$100	В
round							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$100	В
and-by Power							
Transfer Switches						±	_
Automatic	100%		2044	* *	1	\$2,500	В
Generators						± = . = .	_
Diesel	Location	servation, Extent : Moderate, . 1 : Outside tion : One 450 Kw	2039 Area Affe	* * ected : 100%	1	\$3,100	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.

MARINE 9

Asset # : 14079

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Stand-by Power							
Batteries	1000			.	_	* * * *	-
Lead/Acid	100%		2019	\$600	5	\$300	В
Fuel Storage Main Tank	100%		2064	* *	5	\$200	В
		rvation, Extent : Moderate,			3	\$200	D
		Underground	in cu rijje				
		on : One 780 Gals					
Lighting	1						
Interior Lighting							
Fluorescent	90%		2034	* *	10	\$6,600	В
		rvation, Extent : Moderate,	Area Affe	ected : 100%			
		Throughout the Building					
		on : T-8 Lamps With Autom	-	-	1.0	*-------------	
Fluorescent	10%	Freedow Madamata Amar A	2034	* *	10	\$700	В
		Extent : Moderate, Area Af Throughout The Building	rectea : T	00%			
Egress Lighting	Locuiton .	Intougnout The Dutiding					
Emergency, Service	60%		2034	* *	1		В
Exit, LED	40%		2064	* *	1		B
Exterior Lighting							
HID	100%		2034	* *	10		В
Lightning Protection							
Arresters/Cabling							
Generic	100%		2064	* *	5	\$200	В
Alarm							
Security System	50%						D
No Component Generic	50%		2034	* *	1	\$1,500	B
Fire/Smoke Detection	5070		2034		1	\$1,500	D
Generic	100%		2034	* *	1-3	\$5,100	В
					_	1-7	
Mechanical		Current Repair	Futur	e Replacement	Μ	aintenance	
System	% of I	Fail Date Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component		(Years)	FY		(Yrs)		Code
Type			1				
Heating Energy Source							
Electricity	40%		2054	* *	1		В
Solar Panel(s)	60%		2054	* *	2	\$300	B
Air Conditioning						•	
Energy Source							
Energy Source							

Note : 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.

MARINE 9

Asset # : 14079

Mechanical	Current Repair	Future R	eplacement	Μ	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%	2034	* *	2	\$500	В
8	Other Observation, Extent : Location : Roof Explanation : 3 Roof Top	0				
entilation	Luptanian e neoj rep	enne marine negregerant				
Distribution Ductwork/Diffusers	100%	LIFE	* *	2-5	\$4,500	В
Exhaust Fans					. ,	
Roof	15% Now Malfunctioning, Extent : Mo Location : Kitchen Hood I		* *	2		В
No Component	85% Other Observation, Extent : Location : Roof	Light, Area Affected : 0	9%			D
	Explanation : Process Is C	Carried Out Through A C	C System			
Plumbing H/C Water Piping						_
Brass/Copper	100%	2054	* *	1		В
Water Heater Electric	100%	2024	\$1,200	4	\$100	В
	Other Observation, Extent : Location : First Floor Me	0 00	00%			
	Explanation : 2 Units - He		re Used 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	\$500	В
Fixtures	1000					-
Generic	100%					В
Fire Suppression						
Sprinkler Generic	100%	2054	* *	1-2	\$2,200	В
Chemical System	10070	2004		1-2	\$2,200	Ъ
No Component	80%					D
Generic	10%	2024	\$2,500	1-3	\$5,100	B
	Other Observation, Extent : Location : Kitchen				. , -	
	Explanation : Kitchen Hoe	od System Is Inaccessible	e			
Generic	10% Other Observation, Extent :	2024 Light, Area Affected : 1	\$2,500 00%	1-3	\$5,100	В
	Location : Throughout Explanation : Fire Exting	uishers				

Note: 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.

FIRE DEPARTMENT - FY 2015 Print Date : 24-Oct-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 2016 - 2019	FY 2020 - 2025
Exterior Architecture		\$77,000
Interior Architecture		\$54,200
Total		\$131,300
Priority A		\$77,000
Priority C		\$54,200
Total		\$131,300

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



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

RESCUE 3

Asset # : 14463

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

Current Repair	Future Replacement	Maintenance	
% of Fail Date Estimated Co. Total (Years)	t Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
100%			D
100%			D
	% of Fail Date Estimated Cos Total (Years) 100%	% of Total Fail Date Estimated Cost 100% 100%	% of Total Fail Date Estimated Cost FY Cycle Estimated Cost (Yrs) 100%

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

FIRE DEPARTMENT - 057 RESCUE 3

Asset # : 14463

	Curro	ASSEL # . 14		e Replacement	М	aintenance	
Electrical	Curre	nt Repair	Futur	e Replacement	IVI	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
Inder 600 Volts							
Switchgear / Switchboard							
Not Accessible	100%						D
Raceway							
Conduit	100%		2048	* *	1		В
Panelboards							
Molded Case Bkrs	100%		2044	* *	5	\$500	В
Wiring							
Thermoplastic	100%		2048	* *	1		В
Motor Controllers	1000			ste ste	-	¢100	Ð
Locally Mounted	100%		2039	* *	5	\$100	В
Ground							
Grounding Devices Generic	100%		LIFE	* *	5	\$300	В
Generic		n, Extent : Moderate, 1			5	\$200	D
	Location : Base		Area Ajje	cieu . 10070			
		onnected With Main V	Vater Pin	P			
tand-by Power	Explanation . C	onnecieu wiin main v	uier I ip	c			
Transfer Switches							
Automatic	100%		2039	* *	1	\$6,000	В
Generators	10070		2007		-	40,000	2
Not Accessible	100%						D
Batteries							
Not Accessible	100%						D
Fuel Storage							
Not Accessible	100%						D
Lighting							
Interior Lighting							
Fluorescent	100%		2030	* *	10	\$17,900	В
		n, Extent : Moderate, .	Area Affe	ected : 100%			
	Location : Thro	5					
	Explanation : T	-8 & Compact Lamps					
Egress Lighting	1000/		2057	ste ste			р
Exit, LED	100%		2057	* *	1		В
Exterior Lighting	100%		2020	* *	10	¢100	р
HID	100%		2030		10	\$100	В
Alarm Fire/Smoke Detection							
No Component	90%						D
Generic	10%		2030	* *	1-3	\$1,200	B
Generic	1070		2030		1-5	\$1,200	D
Mechanical	Curre	nt Repair	Futur	e Replacement	М	aintenance	
System	0/ of Eat D	ate Estimated Cost	Voor	Estimated Cost	Cycle	Estimated Cost	Drion!
Component	% of Fail D Total (Year		FY FY	Estimated Cost	(Yrs)	Esumated Cost	Priorit Cod
Туре					(115)		
Ieating							
Energy Source							
Natural Gas	100%		2048	* *	1		В

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

RESCUE 3

Asset # : 14463

Mechanical	Current Repair Future Replacement Maintenance			aintenance			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Conversion Equipment							
Furnace	Location	servation, Extent : Light, Area 1 : Roof Top Unit tion : A C Unit Has Gas Firea			1	\$4,800	В
Hot Water Boiler	Location	servation, Extent : Light, Area a : Basement tion : 2 Boilers	2035 Affected	* *	1	\$4,800	В
Distribution							
Ductwork/Diffusers	50%		LIFE	* *	2-5	\$5,400	В
Hot Wtr Piping/Pump	50%		2044	* *	4	\$700	В
Terminal Devices Fan Coil Unit/Heat No Component	50% 50%		2030	* *	1	\$3,200	B D
Air Conditioning							
Energy Source Electricity	75%		2044	* *	1		В
No Component	25%						D
Conversion Equipment Ext Pkg Unit - Heating/Cooling	50%		2030	* *	2	\$600	В
	Location	servation, Extent : Light, Area 1 : Roof tion : Covers Top Floor, Refr					
No Component	50%						D
Distribution Ductwork/Diffusers No Component	50% 50%		LIFE	* *	2	\$12,700	B D
Ventilation	5070						D
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$10,900	В
Exhaust Fans Roof	100%		2030	* *	2	\$600	В
lumbing							
H/C Water Piping Brass/Copper	100%		2048	* *	1		В
Water Heater Gas Fired		servation, Extent : Light, Area a : Basement	2021 Affected	\$4,300 <i>: 100%</i>	2	\$300	В
	Explana	tion : 2 Units About 125 Gal I	Each				
Sanitary Piping Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		В

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RESCUE 3

Asset # : 14463

Mechanical	Current Repair	Future Repl	acement M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year Estim FY	nated Cost Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing					
Sewage Ejector(s)					
Electric	100%	2030	** 4	\$1,600	В
Backflow Preventer					
No Component	50%				D
Generic	50%	2030	** 1	\$600	В
	Other Observation, Extent : I	Light, Area Affected : 100%	6		
	Location : Basement				
	Explanation : On Domestic	Line Only			
Fixtures					
Generic	100%				В
Fire Suppression					
Sprinkler					
No Component	10%				D
Generic	90%	2048	** 1-2	\$4,900	В

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

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

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

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

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

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

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



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

FIRE DEPARTMENT - 057 FDNY PLATFORM / PILE SUPPORTED PLATFORM

Asset # : 13857

A3561# . 13037							
Piers	Current Repair	Future Replacem	ent	Μ	aintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
tructural							
Deck							
Concrete	53% Curaching Future Light Area Affected	LIFE	* *	5	\$34,200	А	
	Cracking, Extent : Light, Area Affected Location : Isolated Throughout Under						
Concrete	2% 4+ \$19,300	LIFE	* *	5	\$600	А	
Concrete	Spalling, Extent : Moderate, Area Affec			5	\$000	Π	
	Location : Throughout In Deck Soffit						
Not Accessible	45%					D	
Deck Surface							
Asphalt	65%	2034	* *	5	\$12,400	С	
	Surface Wearing/Scaling, Extent : Light	t, Area Affected : 5%					
	Location : Throughout						
No Component	5%					D	
Not Accessible	30%					D	
Pile Caps	20/ 4 \$0.100		* *	5		٨	
Concrete	2% 4+ \$9,100 Cracking, Extent : Moderate, Area Affe	LIFE cted : 5%		5		A	
	Location : Throughout	cica : 570					
	Spalling, Extent : Severe, Area Affected	: 50%					
	Location : Isolated Throughout With I		nt				
Concrete	98%	LIFE	* *	5	\$2,300	А	
	Cracking, Extent : Light, Area Affected	: 5%					
	Location : Isolated Throughout						
	Spalling, Extent : Light, Area Affected :	2%					
D '' 1D '	Location : Isolated Throughout						
Piles and Bracing Steel	25% 4+ \$509,700	LIFE	* *	5	\$66,600	А	
Steel	Corrosion, Extent : Moderate, Area Affe			5	\$00,000	A	
	Location : Above Mean Low Water El						
	Defec Cathodic Prot., Extent : Severe, A						
	Location : Anodes Missing Throughout	ıt					
	Missing Coating, Extent : Severe, Area						
	Location : Above Mean Low Water El	evation Throughout					
Not Accessible	75%					D	
Fender Duffer							
Buffer Rubber	65% Now \$29,500	2040	* *	4-5	\$5,200	В	
Rubbel	Loose Connections, Extent : Severe, Are			J	φ5,200	Ъ	
	Location : At Areas Of Timber Decay		ı				
No Component	35%					D	
	2270					~	

Note: 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.

FIRE DEPARTMENT - 057 FDNY PLATFORM / PILE SUPPORTED PLATFORM

Asset # : 13857

Piers	Current Repair	Future Replacement	N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
ender	-	•			
Facing					
Timber	65% Now \$68,800	2034 **	3	\$12,100	В
	Rotting/Splitting, Extent : Severe, Area	Affected : 60%			
	Location : Above Mlw Elevation				
	Other Observation, Extent : Severe, Are Location : At South End Of Pier And S				
	Explanation : Fire Damage	soumeusi Fuce			
No Component	35%				D
No Component Wales and Chocks	33%				D
Timber	65% Now \$52,100	2034 **	4	\$16,800	В
Timber	Rotting/Splitting, Extent : Severe, Area		-	\$10,000	Ъ
	Location : Typical Upper Wale And Is				
	Other Observation, Extent : Severe, Are				
	Location : At South End Of Pier				
	Explanation : Fire Damage				
No Component	35%				D
Piles					
Steel	15% Now \$41,800	2040 * *	3-5	\$15,800	В
	Other Observation, Extent : Severe, Are	a Affected : 30%			
	Location : Near Center Of Berth				
0. 1	Explanation : Impact Damage	20/10 **	25	¢15.000	D
Steel	15% 4+ \$41,800 Comparing Function Medicants Among Aff	2040	3-5	\$15,800	В
	Corrosion, Extent : Moderate, Area Affe Location : Above Mlw Throughout Pil				
No Component		es fina fingle Dracing			D
No Component Not Accessible	35% 35%				D
Pile Cluster	5570				D
Timber	35%	2023 \$33,600	4-10	\$12,000	С
	Rotting/Splitting, Extent : Moderate, Art	. ,		¢1 _, 000	e
	Location : Within The Tidal Zone				
Timber	15% Now \$14,400	2030 **	4	\$700	С
	Broken, Extent : Severe, Area Affected :				
	Location : Offshore Dolphin. Within T	ïdal Zone.			
Not Accessible	50%				D
eck Elements					
Railing					
Steel	5% 0-2 \$6,500	2023 \$21,600			В
	Loose Connections, Extent : Severe, Are				
	Location : Railing At North Side Of No				
Fencing	95%	2026 **	3	\$200	В
	Corrosion, Extent : Light, Area Affected	1:5%			
	Location : At Base Connections				

Note: 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.

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

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

CAPITAL

Total			
Priority			
Total			

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$19,500			
Total	\$19,500			
Priority A Priority B	\$19,500			
Total	\$19,500			



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

FIRE DEPARTMENT - 057 WHARF UNDER EC 331/LC 173 BY HARBOR ADAM

Asset # : 13649

Piers		Current Rep	pair	Futur	e Replacemen	t	Μ	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Co		ycle Yrs)	Estimated Cost	Priority Code
Structural									
Deck							_		
Concrete	Location	Extent : Light 1 : Throughout			4	< *	5	\$12,300	A
		-	Area Affected :						
		-	Interface, Sout		-				
			ent : Light, Area	00	: 5%				
			roughout Under	deck					
	-	tion : Honeyco	ombing						
Not Accessible	40%								D
Pile Caps							_		
Concrete	15%		\$13,000	LIFE		* *	5	\$100	А
		Extent : Mode n : Southeast F	rate, Area Affec. Pile Cap	ted : 100	%				
Concrete	85%			LIFE	*	*	5	\$600	А
Piles and Bracing									
Concrete Encased Steel	75%			LIFE	*	*			А
	Recent Re	pair Evident, 1	Extent : Light, A	rea Affe	cted : 100%				
	Location	n : All Piles Ar	e Encased In Co	oncrete					
Not Accessible	25%								D
Fender									
Facing									
Composite	40%			2024	\$9,40	00			В
No Component	25%								D
Not Accessible	35%								D
Deck Elements									
Railing									
Steel	25%			2023					В
		-	nt, Area Affectea	!:10%					
	Location	n : Throughou	Railing						
No Component	75%								D

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

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

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

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

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$29,600	\$100	\$800	
Total	\$29,600	\$100	\$800	
Priority B	\$25,800	\$100	\$800	
Priority C	\$3,900			
Total	\$29,600	\$100	\$800	



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

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

FIRE DEPARTMENT - 057 EAST SHORE RIP-RAP SHORELINE

Asset # : 13858

Bulkheads		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori Coc
tructural								
Revetment								
Stone	90%			LIFE	* *	5	\$7,800	С
			ight, Area Affectea	! : 100%				
	Location	: Steep Slo	ppe Throughout					
Stone	10%	4+	\$50,200	LIFE	* *	5	\$400	С
	Settlement	, Extent : N	Ioderate, Area Affe	ected : 59	%			
	Location	e : At 375 F	t To 400 Ft And 50	5 To 570	Ft From North O	f Fdny P	ier	
ackfill								
Fill								
Topsoil	15%		\$22,000	2065	* *			В
			ere, Area Affected					
			North Apron Of Fa		And At 482 From	North		
			vere, Area Affected					
	Location	: Adjacent	t To Fdny Platform					
Not Accessible	85%							D
Surface								
Gravel	20%			2038	* *	2-5	\$400	В
Topsoil	40%			2023	\$14,700	5	\$1,300	В
Topsoil	5%	Now	\$1,800	2025	\$1,800	5	\$100	В
	Settlement	, Extent : S	evere, Area Affecte	ed : 100%	6			
	Location	: Adjacent	t To Fdny Platform					
Not Accessible	35%							D
Deck Elements								
Railing								
Fencing	55%			2026	* *	3	\$200	В
Fencing	5%	Now	\$1,900	2030	* *	3		В
	Progressin	ıg Scour, E	xtent : Severe, Are	a Affecte	d : 100%			
	Location	$\cdot 20 Ft Le$	ngths At 530 Ft An	d 640 Ft	From North Of Fo	lnv Pier		
	Locunon	. 20 17 20	ngino 111 000 1 1 1111		1 /om Norm Oj 1 d	ing I ici		

Note: 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.

Project: FIRE DEPARTMENT

CAPITAL		F	(2016 - 2019			FY 2020 - 2025
Miscellar	neous Buildings		273,000			109,800
EXPENSE		FY 2016	FY 2017		FY 2018	FY 2019
Miscellar	neous Buildings	47,400	10,300		14,300	20,600
ASSET #	NAME			SQFT	CAPITAL	EXPENSE
1832	FIRE ACADEMY FIRE S	IMULATOR BLDG #4	Ļ	6,000	119,000	28,800
1833	FIRE ACADEMY MAIN BLDG#10	FENANCE & STORAC	ĴΈ	4,800	95,200	23,000
1857	FIRE ACADEMY FIRE S	IMULATOR BLDG #2	2	6,000	119,000	28,800
14099	FIRE ACADEMY LIBRA	RY - BLDG. #13		2,500	49,600	12,000

Project : FIRE DEPARTMENT

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

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

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