Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : 125TH STREET PARKING GARAGE 5 LEVEL GARAGE

Address : 121 WEST 125TH STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 155,197 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 06-Dec-2010 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5

Block : 1910 Lot : 1 BIN : 1081601

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$484,700	\$339,000
Interior Architecture	\$190,900	\$423,700
Electrical	\$417,000	\$321,900
Total	\$1,092,700	\$1,084,600
Priority A	\$484,700	\$339,000
Priority B	\$417,000	\$321,900
Priority C	\$190,900	\$423,700
Total	\$1,092,700	\$1,084,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$3,600	\$23,800	\$23,500	
Interior Architecture	\$33,600		\$11,700	\$500
Electrical	\$4,400	\$54,600	\$2,300	\$2,300
Mechanical	\$9,400	\$22,400	\$17,700	\$3,200
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
Total	\$55,900	\$105,800	\$60,200	\$11,000
Priority A	\$3,600	\$23,800	\$23,500	
Priority B	\$18,700	\$82,000	\$24,900	\$10,500
Priority C	\$33,600		\$11,700	\$500
Total	\$55,900	\$105,800	\$60,200	\$11,000



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

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

Asset #: 4334

Architecture		Current F	Repair	Future	Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
xterior	•			•				•
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	\$19,000	A
Masonry: Brick	55%			LIFE	* *	5	\$167,600	A
Metal Panel	20%			2048	* *	5-10	\$419,000	Α
Metal Coiling Doors	5%			2027	* *	5	\$47,600	Α
Window Wall	10%			2042	* *	5	\$114,300	A
Parapets					de de	_	** * 00	
Masonry: Brick	80%		** * 00	LIFE	* *	5	\$5,200	A
Metal Rail	15%		\$2,500	2027	**	5	\$6,900	A
		_	xtent : Moderate, A	Area Affec	cted: 20%			
		ı : North Si		4 4 66	1 500/			
		ted Finish, 1 : North Si	Extent : Moderate, de	Area Aff	ected: 50%			
Pre-Cast Concrete	5%		\$1,100	LIFE	* *	5	\$2,000	A
Fle-Cast Colletete			\$1,100 d, Extent : Moderat			3	\$2,000	A
		1 Miss/L100 1 : Coping	і, Ехіені . Мойегиі	е, Агеи А	<i>Десіей</i> . 2570			
			d, Extent : Modera	to Area	Affacted . 25%			
	_	Deteriorate 1 : Coping	а, Ехіені . Мойега	ie, Areu i	Affecteu . 2570			
Roof	Locuitor	i . Coping						
Cast in Place Concrete	95%	Now	\$122,900	LIFE	* *			A
Cast in Frace Concrete	Cracking/		Extent: Moderate		fected : 30%			A
	Water Per	_	xtent : Moderate, A	rea Affec	eted : 10%			
Roll Roofing	5%			2018	\$19,400	5	\$8,300	A
terior								
Floors	0.20/	NT.	¢100 000	LIEE	* *	-	¢422.700	0
Cast in Place Concrete	93%		\$190,900	LIFE		5	\$423,700	C
	_	Crumbung, 1 : Through	Extent : Moderate	, Агеа Ау	jeciea . 2576			
				ad . 250/				
		exieni : мо i : Through	derate, Area Affect out	ea : 25%				
Panel/Paver: Cer/Brk	5%			2038	* *	5	\$23,400	C
Vinyl Tile	2%		\$33,600	2032	* *	3	\$1,600	C
villyi The			Extent : Moderate		fected · 30%	3	φ1,000	C
	_	ı : Office	Emeni : moderate	, 11/00/11/	,00,00			
			: Moderate, Area	Affected ·	20%			
		ı : Office		2)) 001041	20,0			
Interior Walls								
Cast in Place Concrete	25%			LIFE	* *			C
	70%			LIFE	* *	5	\$23,700	C
Concrete Masonry Unit	70%					~		
Concrete Masonry Unit Gypsum Board	3%			LIFE	* *	5	\$1,500	C
				LIFE LIFE	* *	5	\$1,500	C
Gypsum Board	3%					5	\$1,500	
Gypsum Board Metal Panel	3%					5	\$1,500	

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

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

Asset #: 4334

Electrical	Curre	nt Repair	Futur	Future Replacement Maintenance				
System Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%		2022	\$29,200	5	\$700	В	
		n, Extent : Moderate, A	Area Affe	cted : 100%				
	Location : Electr		0.4 4		M : . D:			
Transformers	Explanation : 1v	vo 800 Amps, One 400) Amps A	na One 200 Amps	main Di	sconnect Switch		
Dry Type	100%		2020	\$14,200	5	\$600	В	
Switchgear / Switchboard	10070		2020	Ψ14,200		φοσο		
Fused Disc Sw	100%		2022	\$60,600	5	\$700	В	
Raceway	100/0		2022	Ψου,σου		Ψ700		
Conduit	100%		2022	\$79,000	1		В	
Panelboards				+.,,,,,,				
Molded Case Bkrs	100%		2021	\$51,600	5	\$4,100	В	
Wiring				,				
Thermoplastic	100%		2022	\$61,800	1		В	
Motor Controllers								
Locally Mounted	100%		2020	\$68,900	5	\$1,000	В	
Ground								
Grounding Devices								
Not Accessible	100%						D	
Lighting								
Interior Lighting	5 0/		2015	412 000	4.0	φς 100		
Fluorescent	5%	T. M. I.	2017	\$12,900	10	\$6,400	В	
		n, Extent : Moderate, A	Area Affe	ctea : 5%				
	Location : Office	=						
IIID	Explanation : Us	sing 1-12 Lamps	2017	Φ.σ. 000	1.0	Φ.4.200		
HID	95%		2017	\$67,800	10	\$4,300	В	
Egress Lighting	500/		2017	\$0.600	1		D	
Emergency, Service Exit, Service	50% 50%		2017 2017	\$9,600 \$9,600	1 1		B B	
Exterior Lighting	30%		2017	\$9,000	1			
HID	100%		2017	\$7,900	10	\$500	В	
Alarm	10070		2017	Ψ1,700	10	Ψ300		
Security System								
No Component	90%						D	
Generic	10%		2017	\$44,500	1	\$5,800	В	
Fire/Smoke Detection			-	. ,- ,-		1-1-2-		
No Component	80%						D	
Generic	20%		2017	\$304,700	1-3	\$19,100	В	

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

Heating

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

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 #: 4334

Mechanical	Current Repair	Future Rep	placement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
leating						
Energy Source						
Electricity	5%	2042	* *	1		В
No Component	95%					D
Conversion Equipment						
Radiant Heater	5% Now	\$5,800 2027	* *	2	\$2,600	В
	Not in Service, Extent: Sever					
	Location : Fire Suppression	Control Room				
No Component	95%					D
Air Conditioning						
Energy Source						
Electricity	5%	2038	* *	1		В
No Component	95%					D
Conversion Equipment						
Window/Wall Unit	5%	2020	\$13,600	1		В
No Component	95%					D
ventilation						
Distribution	1000					_
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$77,600	В
Exhaust Fans	100/	2025	ale ale		\$400	-
Wall Unit	10%	2027	* *	2	\$400	В
No Component	90%					D
Plumbing						
H/C Water Piping	1.00/	2027	* *	1		D
Galv Iron/Steel	10%	2027	* *	1		В
No Component	90%					D
Water Heater	50/	2017	¢1.000	4	¢100	D
Electric	5%	2017	\$1,000	4	\$100	В
	Other Observation, Extent : L Location : Janitors Closet	ідпі, Агеа А <u></u> ЈЈестеа : 100)%0			
		I Ii4				
N. G	Explanation: 1 - 10 Gallon	Unit				
No Component	95%					D
Sanitary Piping	1000/	LIE	* *	1		D
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping	1000/	LIE	* *	1		ъ
Cast Iron	100%	LIFE	* *	1		В
Fixtures	1000/					D
Generic	100%					В
Vertical Transport Elevators						
Elevators Hydraulic	100%	LIFE	* *			С
Hydraune	Other Observation, Extent : L					C
	Location: 1-4	ıдш, лген лујескен . 100	// U			
		t of service				
	EXPIGITATION : I IND I / NIT / AII					
ire Suppression	Explanation: One Unit/ou	of service				
Fire Suppression Standpipe	Explanation : One Unit / ou	of service				

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

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

Mechanical	Current Repair	Future I	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fire Suppression						
Sprinkler						
No Component	80%					D
Generic	20%	2042	* *	1-2	\$7,800	В
	Other Observation, Extent: Light, Ar	ea Affected : .	100%			
	Location : Basement Level					
	Explanation: Serves Basement Leve	el Only				

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : 23RD ST. MARINA PARKING GARAGE

Address : EAST 23RD ST. & EAST RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSP030.000 / 2135 Yr Built/Renovated :

Area Sq Ft : 217,800 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 02-Mar-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3,5,7,8

Block : 991 Lot : 50 BIN : 1086214

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$402,400	\$345,800
Interior Architecture	\$1,690,200	\$595,500
Electrical	\$547,800	\$308,400
Total	\$2,640,400	\$1,249,700
Priority A	\$402,400	\$345,800
Priority B	\$819,800	\$352,400
Priority C	\$1,418,200	\$551,500
Total	\$2,640,400	\$1,249,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$55,800			
Interior Architecture	\$12,500			\$1,900
Electrical	\$2,200	\$26,500		
Mechanical	\$5,900	\$300	\$900	
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$84,300	\$34,700	\$8,800	\$9,800
Priority A	\$55,800			
Priority B	\$16,000	\$34,700	\$8,800	\$8,000
Priority C	\$12,500			\$1,900
Total	\$84,300	\$34,700	\$8,800	\$9,800



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

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

Asset #: 2135

chitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
erior								
Exterior Walls								
Cast in Place Concrete	Location Effloresce Location Exposed F	Crumbling, a: Through nce, Extent a: Through Reinforceme	\$279,800 Extent: Moderate out East Elevation : Light, Area Affect out ent, Extent: Moder out East Elevation	cted : 409 cate, Area	% 1 Affected : 40%	5	\$65,400	A
Cast in Place Concrete	20%			LIFE	* *	5	\$87,200	A
Concrete Masonry Unit	10% Cracking/		\$17,000 Extent : Moderate out	LIFE	** ffected : 5%	5	\$5,500	A
Concrete Masonry Unit	15%			LIFE	* *	5	\$8,200	A
Masonry: Brick	3%			LIFE	* *	5	\$2,600	A
Metal Panel	35%			2032	* *	5-10	\$209,900	A
Window Wall		Now issing Elem i : Through	\$8,000 nents, Extent : Ligh	2032 t, Area A	* * ffected : 10%	5	\$3,300	A
Windows	Locuitor	. Inrough	oui -					
Steel	Location	: Stairs ted Finish,	\$26,100 Extent : Moderate, A Extent : Moderate,			5	\$3,300	A
No Component	90%							D
Parapets								
Cast in Place Concrete	Location Effloresce Location Exposed F Location Spalling, 1	a: Inside Fo nce, Extent a: Through Reinforceme a: Through	ent, Extent : Moder out derate, Area Affect	Affected cate, Area	: 30% a Affected : 5%	5	\$8,100	A
Cast in Place Concrete	80%			LIFE	* *	5	\$32,400	A
Roof Cast in Place Concrete			\$65,400 Extent : Moderate out	LIFE c, Area A	* * ffected : 30%			A
	Drains Inc Location	ad/Misposn a: Roof At I	, Extent : Moderate Levels 7 And 8 Extent : Moderate, A					
			Below Levels 7 And					
Cast in Place Concrete	70%			LIFE	* *			A

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.

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

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

Asset #: 2135

Architecture	Current Repair	Future	iture Replacement Maintenance			
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior						
Floors	400/ 17	1146000 1 100	* *	_	#250.500	
Cast in Place Concrete	40% Now Stracking/Crumbling, Extent Location: Throughout	6116,900 LIFE : Moderate, Area Aff		5	\$259,500	С
Cast in Place Concrete	45%	LIFE	* *	5	\$291,900	С
Paver: Asphalt	10% Now \$1 Loose/Delam Surface, Exten	,028,500 2037 t : Moderate Area Af	* * fected : 80%	5	\$22,200	С
	Location: Throughout	i. Moderate, med m	. 0070			
Vinyl Tile		5119,500 2032	* *	3	\$5,600	С
	Cracking/Crumbling, Extent Location: Throughout Offi		ed : 100%			
Interior Walls						
Cast in Place Concrete	40%	LIFE	* *			C
Cast in Place Concrete	30% Now \$ Cracking/Crumbling, Extent	5153,300 LIFE : Moderate, Area Aff	* * ected : 40%			C
	Location : Throughout	, 33				
	Spalling, Extent : Moderate, Location : Throughout	Area Affected : 20%				
Concrete Masonry Unit	20% Now Cracking/Crumbling, Extent Location: Throughout	\$12,000 LIFE : Moderate, Area Aff	* * ected : 20%	5	\$2,300	С
Gypsum Board	5% Now	\$600 LIFE	* *	5	\$900	С
,,	Cracking/Crumbling, Extent Location: Throughout	: Light, Area Affected	l : 10%			
Masonry: Brick	5%	LIFE	* *			С
Ceilings						
AcousTileSusp.Lay-In	5% Now \$ Cracking/Crumbling, Extent Location: Throughout Offi		* * ed : 100%	5	\$7,400	В
Exposed Concrete	35% Now \$ Cracking/Crumbling, Extent Location: Below Levels 7		* * ected : 10%	5	\$16,200	В
	Spalling, Extent : Moderate, Location : Throughout	Area Affected : 30%				
	Water Penetration, Extent: 1 Location: Below Levels 7		ted : 15%			
Exposed Concrete	60%	LIFE	* *	5	\$27,800	В

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

Under 600 Volts

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

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

Asset #: 2135

Electrical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts	•					
Service Equipment						
Fused Disc Sw	50%	2022	\$16,500	5	\$500	В
	Enclosure Damaged, Extent: Severe,					
	Location: Missing Cover - First Flo					
	Other Observation, Extent: Moderate	Area Affe	ected : 100%			
	Location: First Floor Corridor					
	Explanation: One 500 Amps Main L	isconnect	Switch			
Fused Disc Sw	50%	2022	\$16,500	5	\$500	В
	Other Observation, Extent: Moderate	Area Affe	ected : 100%			
	Location: First Floor Corridor					
	Explanation : One 200 Amps Main L	isconnect	Switch			
Raceway						
Conduit	100%	2022	\$158,000	1		В
Panelboards						
Fused Disc Sw	30%	2021	\$31,000	5	\$1,500	В
Molded Case Bkrs	20%	2030	* *	5	\$1,100	В
Molded Case Bkrs	50%	2021	\$51,600	5	\$2,900	В
Wiring						
Thermoplastic	80%	2022	\$98,800	1		В
Thermoplastic	20%	2032	* *	1		В
Ground						
Grounding Devices	4000			_	4	_
Generic	100%	LIFE	* *	5	\$3,200	В
Lighting						
Interior Lighting	1000/	2017	Φ 2 < < 100	10	Φ1.01. 7 0.0	ъ
Fluorescent	100%	2017	\$366,100	10	\$181,700	В
	Other Observation, Extent: Moderate	Area Affe	ectea : 100%			
	Location: Throughout The Building					
E de de la Listada e	Explanation: T-12 Lamps					
Exterior Lighting	500/	2017	¢£ (00	10	\$200	D
HID Incondescent	50%	2017	\$5,600	10	\$300	В
Incandescent	50%	2017	\$20,100	2	\$200	В

Mechanical	Current Repair	Future Rep	olacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating	•					
Energy Source						
Electricity	5%	2042	* *	1		В
No Component	95%					D
Conversion Equipment						
Radiant Heater	5%	2022	\$400	2		В
	Other Observation, Extent: Ligh	t, Area Affected : 5%				
	Location : Main Office, First F	loor				
	Explanation: 4 Units - Small B	ase Board Type				
No Component	95%					D

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

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

Mechanical		Current F	Repair	Future Replacement		M	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation								
Distribution								
Ductwork/Diffusers	5%	Now	\$5,800	LIFE	* *	2-5	\$5,500	В
			oderate, Area Affe		%			
	Location	: First Flo	or Bathroom Exha	ust				
No Component	95%							D
Exhaust Fans								
Interior	5%			2022	\$10,000	2	\$300	В
No Component	95%							D
Plumbing								
H/C Water Piping								
Galv Iron/Steel	5%			2027	* *	1		В
No Component	95%							D
Water Heater								
Not Accessible	100%							D
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Fixtures								
No Component	95%							D
Generic	5%							В
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
			Extent : Light, Area	Affected	: 100%			
		: 1st : Roo						
	Explanat	tion : One l	Unit					
Fire Suppression								
Standpipe								_
Generic	100%			2032	* *	1-5	\$1,000	В
Sprinkler								
No Component	95%							D
Generic	5%			2032	* *	1-2		В

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

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

Page: 11

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : AUDUBON BALLROOM BUILDING

Address : 3940 BROADWAY

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 16,000 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 31-May-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2124 Lot : 43 BIN : 1062993

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Mechanical		\$89,800
Total		\$89,800
Priority B		\$89,800
Total		\$89,800

Ψ+00		\$5,700	
\$400		\$3,700	
\$12,400	\$25,100	\$13,000	\$10,700
	\$13,500	\$16,500	
\$12,800	\$38,700	\$33,200	\$10,700
\$7,900	\$7,900	\$7,900	\$7,900
\$2,200	\$1,400	\$3,400	\$1,400
\$2,300	\$15,800	\$1,700	\$1,400
\$400		\$3,700	
	\$13,500	\$16,500	
FY 2016	FY 2017	FY 2018	FY 2019
	\$400 \$2,300 \$2,200	\$13,500 \$400 \$2,300 \$15,800 \$2,200 \$1,400	\$13,500 \$16,500 \$400 \$3,700 \$2,300 \$15,800 \$1,700 \$2,200 \$1,400 \$3,400



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 AUDUBON BALLROOM BUILDING

Asset #: 4335

Architecture		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estir (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls							
Cast Stone/Terra Cotta	25%		LIFE	* *	5	\$12,400	A
Masonry: Granite	2%		LIFE	* *	5	\$100	A
Metal Panel	3%		2042	* *	5-10	\$1,300	A
Stucco Cement	45%		2035	* *	5	\$7,100	A
Window Wall	25%		2042	* *	5	\$5,900	A
Windows							
Steel	25%		2030	* *	5	\$13,700	A
Wood	75%		2038	* *	5	\$32,900	A
Parapets							
Cast Stone/Terra Cotta	5%		LIFE	* *	5	\$1,600	A
Metal Cornice	60%		2050	* *	10	\$8,200	A
Stucco Cement	35%		2035	* *	5	\$3,800	A
Roof							
Modified Bitumen	5%		2027	* *	10	\$700	A
Spray-on Foam	95%		2032	* *	5	\$18,900	A
1 7	Recent Re	place Evident, Ex	tent : Light, Area Aff	ected : 100%			
		: Throughout					
nterior							
Floors							
Carpet	30%		2021	\$86,700	3	\$10,800	C
Cast in Place Concrete	10%		LIFE	* *	5	\$5,200	C
Ceramic Tile	3%		2031	* *	5	\$700	C
Terrazzo	22%		LIFE	* *	5	\$4,100	C
Vinyl Tile	5%		2030	* *	3	\$400	C
Wood	30%		2050	* *	5	\$13,400	C
Interior Walls							
Concrete Masonry Unit	5%		LIFE	* *	5	\$500	C
Glass: Single Pane	5%		LIFE	* *	5	\$900	C
Gypsum Board	65%		LIFE	* *	5	\$9,200	C
Marble Panels	5%		LIFE	* *		. ,	C
Plaster	20%		LIFE	* *	5	\$1,400	Č
Ceilings							
AcousTileSusp.Lay-In	55%		2035	* *	5	\$13,100	В
Gypsum Board	25%		LIFE	* *	5	\$7,500	В
Plaster	20%		LIFE	* *	5	\$3,000	В

Electrical	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimat FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2042	* *	5	\$100	В
	Other Observation, Extent : Moderate, A	Area Affected : 10	0%			
	Location : Electrical Room					
	Explanation: One 1200 Amps And On	e 600 Amps Main	Disconne	ect Switch	h And 400 Amps	
	For Emergency Main Service					

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.

DEPT. OF SMALL BUSINESS SERV. - 801 AUDUBON BALLROOM BUILDING

Asset #: 4335

Electrical	Current Repair	Future Ro	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts	•	•				•
Switchgear / Switchboard						
Fused Disc Sw	100%	2042	* *	5	\$100	В
Raceway						
Conduit	100%	2042	* *	1		В
Panelboards						
Fused Disc Sw	10%	2038	* *	5		В
Molded Case Bkrs	90%	2038	* *	5	\$400	В
Wiring						
Thermoplastic	100%	2042	* *	1		В
Motor Controllers						
Locally Mounted	100%	2035	* *	5	\$100	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	В
Stand-by Power						
Transfer Switches						
Automatic	100%	2035	* *	1	\$4,900	В
Generators						
Diesel	100%	2031	* *	1	\$6,200	В
	Other Observation, Extent : Moderate	, Area Affectea	d : 100%			
	Location: Roof					
	Explanation: One 200 Kw					
Batteries						
Lead/Acid	100%	2016	\$600	5	\$600	В
Fuel Storage						
Main Tank	100%	2050	* *	5	\$500	В
	Other Observation, Extent : Moderate	, Area Affectea	d: 100%			
	Location: Basement					
	Explanation: One 300 Gals					
Lighting						
Interior Lighting						
Fluorescent	98%	2027	* *	10	\$14,300	В
Incandescent	2%	2027	* *	2		В
Egress Lighting						
Emergency, Service	50%	2027	* *	1		В
Exit, Service	50%	2027	* *	1		В
Exterior Lighting						
HID	100%	2027	* *	10		В
Alarm						
Fire/Smoke Detection						
No Component	70%					D
No Component	7070					

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

Heating

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

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.

DEPT. OF SMALL BUSINESS SERV. - 801 AUDUBON BALLROOM BUILDING

Asset #: 4335

Mechanical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Electricity	10%	2032	* *	1		В
Natural Gas	90%	2032	* *	1		В
Conversion Equipment						_
Furnace	90%	2022	\$16,600	1	\$7,100	В
	Other Observation, Extent: Light, A	Area Affectea : 95	%			
	Location: Roof Explanation: 2 Poof Top Package	a Units				
D 12 (II)	Explanation: 2 Roof Top Package		Φζ 700		ф 7 00	D
Radiant Heater	10%	2022	\$6,700	2	\$700	В
	Other Observation, Extent: Light, A Location: Entrance	Агеа Ајјестеа : 10	%0			
	Explanation: 5 Units					
Air Conditioning	Explanation . 3 Units					
Energy Source						
Electricity	100%	2030	* *	1		В
Conversion Equipment	10070	2030				
Int Pkg Unit - Cooling	10%	2020	\$19,500	2	\$100	В
Ext Pkg Unit -	90%	2022	\$89,800	2	\$900	В
Heating/Cooling	7070		φον,σσσ	_	Ψ, σσ	_
	Other Observation, Extent : Light, A	Area Affected : 90	%			
	Location : Roof					
	Explanation: 2 Roof Top Units					
Heat Rejection						
Remote Air Cond	10%	2022	\$9,000	2	\$1,100	В
No Component	90%					D
Ventilation						
Distribution						_
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$8,900	В
Exhaust Fans	1000	2025	de de		Φ	-
Roof	100%	2027	* *	2	\$500	В
Plumbing						
H/C Water Piping Brass/Copper	100%	2032	* *	1		В
Water Heater	100%	2032		1		Б
Electric	100%	2020	\$2,300	4	\$100	В
Sanitary Piping	10070	2020	\$2,300	4	\$100	ь
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping	100/0	LIL		1		D
Cast Iron	100%	LIFE	* *	1		В
Fixtures	10070					
Generic	100%					В
Vertical Transport						<u> </u>
Elevators						
Hydraulic	100%	LIFE	* *			C
-	Other Observation, Extent : Light, A		0%			
	Location: B-2					
	Explanation: Two Units					

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.

Page: 15

DEPT. OF SMALL BUSINESS SERV. - 801 AUDUBON BALLROOM BUILDING

Mechanical	Current Rep	air Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Ex Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fire Suppression Sprinkler						
Generic	100%	2032	* *	1-2	\$4,500	В
Fire Pump						
Generic	100%	2025	\$11,200	1	\$3,000	В

Page: 16

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BATTERY MARITIME BUILDING

Address : 11 SOUTH STREET BTWN: WHITEHALL ST. - BROAD ST.

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 117,613 Project Type : ECONOMIC DEVELOPMENT
Date of Survey : 29-Jun-2011 Landmark Status : EXTERIOR LANDMARK

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

Block : 2 Lot : 1 BIN : 1000003

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$764,300	\$194,000
Interior Architecture	\$1,208,200	\$423,600
Electrical	\$554,200	\$524,500
Mechanical	\$4,199,900	
Total	\$6,726,700	\$1,142,100
Priority A	\$764,300	\$194,000
Priority B	\$5,441,000	\$524,500
Priority C	\$521,400	\$423,600
Total	\$6,726,700	\$1,142,100

Total	\$124,500	\$135,700	\$600,300	\$42,900
Priority C	\$26,300		\$554,600	\$3,300
Priority B	\$84,400	\$132,600	\$45,700	\$39,700
Priority A	\$13,800	\$3,100		
Total	\$124,500	\$135,700	\$600,300	\$42,900
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Mechanical	\$61,600	\$63,300	\$34,200	\$28,100
Electrical	\$15,000	\$34,100	\$3,600	\$3,600
Interior Architecture	\$26,300	\$27,300	\$554,600	\$3,300
Exterior Architecture	\$13,800	\$3,100		
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

Asset #: 2419

rchitecture		Current F	Repair	Future Replacement Maintenance				
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior	•			•				•
Exterior Walls								
Cast Iron	20%			LIFE	* *			A
Copper/Terne	45%			2057	* *	10	\$176,800	A
Metal, Corrugated	30%			2042	* *	1		A
Granite Panels	5%			LIFE	* *	5	\$6,300	A
Windows								
Steel	20%	Now	\$37,400	2030	* *	5	\$37,800	A
	Corrosion	ı/Rusting, E	xtent : Moderate, A	Area Affe	cted : 20%			
	Location	n : Offices (On Upper Floors					
Wood	80%			2038	* *	5	\$241,800	A
Parapets				-				
Copper/Terne	15%			2057	* *	5	\$6,300	Α
Masonry: Brick	50%			LIFE	* *	5	\$4,300	Α
Metal Panel	10%		\$13,800	2032	* *	5	\$1,700	Α
			xtent : Moderate, A		cted : 10%	_	, ,,,,,	
	-		Throughout Upper I					
Metal Rail	10%		0 11	2035	* *	5-10	\$15,600	A
Metal Rail	15%		\$35,800	2033	* *	5	\$9,200	A
Mountain	Broken/M Location	lissing Elen n : Upper R	ents, Extent : Seve oof And East Balco	re, Area onies		3	φ,,200	11
		_	xtent : Moderate, A oof And East Balco		стеа : 100%			
Roof								
Built-Up (BUR)	40%	Now	\$336,800	2032	* *			A
		· Blisters, E n : Through	xtent : Severe, Ared out	a Affecte	d : 10%			
		naged Flash n : Through	ings, Extent : Mod out	erate, Ar	ea Affected : 10%			
	Split/Crac	cked, Extent	: Moderate, Area	Affected	: 10%			
	-	n : Through						
		netration, E n : Through	xtent : Severe, Ared out	a Affecte	d : 10%			
		_	: Severe, Area Affe	ected : 10	00%			
		n : Through			, , ,			
Cost in Place Commute	15%			LIDE	* *			Α.
Cast in Place Concrete				LIFE	* *	10	¢25 200	A
Copper/Terne	8%			2050	* *	10	\$35,300	A
Modified Bitumen	32%			2027	* *	10	\$56,600	A
Skylight, Metal/Glass	5%			2042	* *	10	\$29,500	A
erior								
Floors	0.207			2010	ØF24 400	2	¢<0.400	
Carpet	23%			2018	\$534,400	3	\$60,400	C
Cast in Place Concrete	50%			LIFE	* *	5	\$191,400	C
Ceramic Tile	5%			2031	* *	5	\$8,800	C
Terrazzo	7%			LIFE	**	5	\$9,600	C
Vinyl Tile	15%			2022	\$232,200	3	\$13,100	C

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 #: 2419

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								
Interior Walls								
Ceramic Tile	5%			2031	* *	5	\$8,400	C
Concrete Masonry Unit	15%			LIFE	* *	5	\$10,100	C
Gypsum Board	20%		\$14,500	LIFE	* *	5	\$20,100	C
		issing Elem n : Non-pub	ents, Extent : Seve lic Areas	re, Area	Affected : 10%			
Plaster	25%	Now	\$354,500	LIFE	* *	5	\$12,600	С
	_	Crumbling, 1 : Non-pub	Extent : Severe, A lic Areas	rea Affeo	cted : 40%			
Plaster	25%	Now	\$69,900	LIFE	* *	5	\$12,600	С
	_	_	Extent : Severe, A Non-public Areas,		cted : 20%			
SGFT/Glazed Masonry	5%			LIFE	* *			C
Wood	5%	Now	\$97,000	LIFE	* *	5	\$33,500	C
	-		: Moderate, Area	Affected	: 75%			
- ···	Locanoi	n : Ground	Levei					
Ceilings	250/			2027	* *	_	¢54.700	D
AcousTileConcealSpLn	25% 5%			2027 2035	* *	5	\$54,700	В
AcousTileSusp.Lay-In Exposed Concrete	3% 25%			LIFE	* *	5 5	\$8,800	B B
Exposed Struc: Steel		Morri	¢292 400		* *	3	\$6,800	
Exposed Struc. Steel	Corrosion/Rusting, Extent: Moderate, Area Affected: 15% Location: Skylights And Slip 2 Water Penetration, Extent: Moderate, Area Affected: 10%							
36.15.1			S And Slip 2		di di		#21 000	
Metal Panel	10%		** ******	LIFE	* *	5	\$21,900	В
Plaster	_	Crumbling,	\$35,800 Extent : Severe, A and Other Non-publi		* * cted : 15%	5	\$5,500	В
Plaster	20% Cracking/ Location	Now Crumbling, 1: Old Wai	\$267,600 Extent : Moderate ting Room	LIFE , Area Ą	-	5	\$21,900	В
		netration, E n : Old Wai	xtent : Moderate, A ting Room	Area Affe	ected : 15%			

Electrical	Current Repair	Future Replace	ment	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts	•	•				•
Service Equipment						
Fused Disc Sw	100%	2032	* *	5	\$500	В
	Other Observation, Extent: Moderate,	Area Affected : 100%	%			
	Location: Electrical Room					
	Explanation: 3 Electrical Services At	600 Amps Each				
Switchgear / Switchboard						
Fused Disc Sw	100%	2032	* *	5	\$500	В

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

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

Asset #: 2419

Electrical	Current	Repair	Future Replacement Maintenance				
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Raceway				4407.00			_
Conduit	90%		2022	\$105,200	1		В
Conduit	10%		2032	* *	1		В
Panelboards Fused Knife Sw	5% 2-4	\$5,000	2047	* *	5	\$100	В
rused Klille Sw		t, Extent : Moderate			3	\$100	Б
Fused Toggle Switch	Location : Throug				5	\$100	В
	On Extended Life, I Location : Throug	Extent : Moderate, A ghout	rea Affec	ted : 100%			
Molded Case Bkrs	80%		2021	\$80,600	5	\$2,500	В
Molded Case Bkrs	10%		2030	* *	5	\$300	В
Wiring Braided Cloth	90% 2-4 Insulation Aged, Ex Location : Throug	\$121,900 stent : Moderate, Are	2047 ea Affecte	* * ed : 100%	1		В
Thermoplastic	10%	,	2032	* *	1		В
Motor Controllers	1070		2032				В
Locally Mounted	20%		2027	* *	5	\$200	В
Locally Mounted	30%		2020	\$42,700	5	\$200	В
Locally Mounted	50% 0-2 On Extended Life, 1 Location : Mecha	\$71,100 Extent : Moderate, A. nical Room	2042 rea Affec	* * ted : 100%	5	\$200	В
Ground							
Grounding Devices Not Accessible	100%						D
Stand-by Power							
Transfer Switches	1000/		2020	Φ1 3 100	4	Φ2 < 200	ъ.
Automatic	100%		2020	\$12,100	1	\$36,200	В
Lighting Interior Lighting							
Fluorescent	50% 4+ Inadequate Ltg Lev Location : Throug	\$316,400 el, Extent : Moderate chout	2032 e, Area A	* * ffected : 100%			В
		Extent : Moderate, A ghout	Area Affe	ected : 100%			
Fluorescent	40%	Extent : Moderate, A	2022 Area Affe	\$253,100 ected : 100%	10	\$42,900	В
	Location : Throug Explanation : Usi	ghout					
HID	5%		2017	\$22,300	10	\$200	В
Incandescent	5%		2022	\$31,600	2	\$100	В

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

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

Electrical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Egress Lighting								
Emergency, Service	60%			2022	\$10,600	1		В
Exit, Service	40%			2017	\$7,100	1		В
Exterior Lighting								
HID	100%			2017	\$44,700	10	\$400	В

Mechanical	Current Repair	Future	Replacement	M					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
eating									
Energy Source						_			
Electricity	10%	2042	**	1		В			
	Other Observation, Extent : Light, Area Location : 1st Fl. North Side	а Ајјестеа	: 10%						
	Explanation : Only Small Portion Of	The Ruildi	ng Is Occupied						
Natural Gas	90%	2032	**	1		В			
Conversion Equipment	7 070	2032		1					
Radiant Heater	10%	2027	* *	2	\$5,400	В			
	Other Observation, Extent : Light, Area	a Affected	: 10%		, - ,				
	Location : 1st Floor								
	Explanation: About 15 Electric Unit.	S							
Steam Boiler	90% Now \$515,900	2042	* *	1	\$93,800	В			
	Obsolete Equipment, Extent : Severe, A		ed : 90%						
	Location: 3 Units, 1st Floor Boiler F	Room							
Distribution									
Steam Piping/Pump	100% Now \$849,200	2052	* *	4	\$5,800	В			
	Corroded, Extent: Severe, Area Affect	ed : 70%							
	Location : Throughout Leak Evident, Extent : Moderate, Area	Afford d.	600/						
	Location: Only 10% Of Building Is C		00%						
Terminal Devices	Location . Only 10/0 Of Banating 15 C	уссирріси							
Air Handler	10% Now \$65,600	2032	* *	1	\$6,500	В			
1 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Obsolete Equipment, Extent : Severe, A		ed : 10%	-	Ψ 0,2 0 0	-			
	Location : 1st Floor								
Convector/Radiator	90% Now \$836,500	2042	* *	1	\$30,600	В			
	Corroded, Extent : Severe, Area Affect				, ,				
	Location: Various Areas								
	Not in Service, Extent : Moderate, Area Affected : 60%								
	Location: Various Areas								
ir Conditioning									
Energy Source	1000/	2020	* *	1		ъ			
Electricity	100%	2030	* *	1		В			

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

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

Asset #: 2419

Mechanical	Cu	Current Repair		Futur	e Replacement	M		
System Component Type		l Date E ears)	Sstimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning Conversion Equipment Centrifugal, Elec Chiller	Unit Inoperab		\$98,400 : Severe, Area A Init, 1st Fl. A/c R		**	1	\$34,200	В
Window/Wall Unit No Component	10% 60%			2017	\$25,000	1		B D
Distribution Chilled Wtr Pipe/Pump			\$71,300 ctent : Light, Are Room	2052 a Affecte	* * d : 30%	4	\$1,700	В
No Component	70%							D
Terminal Devices Air Handler/Cool/Ht			\$62,000 ctent : Severe, An	2032 rea Affec	* * ted : 30%	1	\$19,500	В
No Component	70%							D
Heat Rejection Water Cool Tower	Not in Service Location : Lo	ower Roof Life, Exter	ıt : Severe, Area			2	\$28,200	В
No Component	70%							D
Ventilation Exhaust Fans	7070							
Roof		•	\$18,200 ctent : Severe, Ar	2032 ea Affec	* * ted : 10%	2	\$300	В
No Component	90%							D
Plumbing H/C Water Piping Brass/Copper	100% N Corroded, Ext Location : Ti	ent : Seve	\$109,000 ere, Area Affected t	2032 d: 30%	* *	1		В
Water Heater Electric No Component	10% 90%			2020	\$1,900	4	\$100	B D
Sanitary Piping Cast Iron			\$26,400 re, Area Affected	LIFE d : 30%	* *	1		В
Storm Drain Piping Cast Iron			\$17,000 re, Area Affected eas	LIFE d : 30%	* *	1		В

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

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

Mechanical	Current	Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing							
Sewage Ejector(s)							
Electric	100%		2017	\$11,500	4	\$2,500	В
Fixtures							
Generic	100%						В
Vertical Transport							
Elevators							
Geared Traction	100%		LIFE	* *			C
	Other Observation,	Extent : Light, Area	Affected	: 100%			
	Location: 1-4						
	Explanation: Two	Units, Not In Servi	ce				
Fire Suppression							
Standpipe							
Generic	100% Now	\$130,200	2032	* *	1-5	\$41,500	В
	Corroded, Extent : S	levere, Area Affecte	d: 70%				
	Location: Through	hout					
Sprinkler							
Generic	100% Now	\$1,420,100	2052	* *	1-2	\$28,400	В
	Corroded, Extent : S	levere, Area Affecte	d:80%				
	Location: Through						
Fire Pump							
Not Accessible	100%						D

Page: 23

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BROOKLYN ARMY TERMINAL BUILDING A

Address : 140 58TH STREET @ FIRST AVENUE

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 400,000 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5,6,7,8,ph

Block : 5778 Lot : 1 BIN : 3257058

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$2,095,600	\$7,010,600
Interior Architecture	\$258,400	\$1,132,900
Electrical	\$147,400	
Mechanical	\$71,600	
Total	\$2,572,900	\$8,143,500
Priority A	\$2,095,600	\$7,010,600
Priority B	\$401,800	\$84,300
Priority C	\$75,600	\$1,048,700
Total	\$2,572,900	\$8,143,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture			\$29,000	
Interior Architecture	\$59,900	\$15,000		\$30,000
Electrical	\$11,100	\$7,100	\$15,000	\$10,200
Mechanical	\$25,500	\$25,700	\$44,300	\$31,300
Elevators/Escalators	\$35,500	\$35,500	\$35,500	\$35,500
Total	\$132,100	\$83,300	\$123,700	\$107,100
Priority A			\$29,000	
Priority B	\$102,100	\$68,300	\$94,800	\$77,100
Priority C	\$30,000	\$15,000		\$30,000
Total	\$132,100	\$83,300	\$123,700	\$107,100



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

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

Architecture		Current F	Repair	Futur	e Replacement	acement Maintenance		
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	85%			LIFE	* *	5	\$492,400	A
Metal Coiling Doors	10%			2028	* *	5	\$36,200	A
Window Wall	5%			2043	* *	5	\$21,700	A
Windows								
Metal Louvers	10%		** ***	2032	* *	10	\$73,300	A
Steel			\$1,481,800 Extent : Moderate, out	2022 Area Afj	\$4,939,300 fected : 50%	5	\$623,500	A
	_	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25% Location : Throughout						
	-	Inefficient : Through	, Extent : Moderate out	, Area Ą	ffected : 100%			
Under Construction	5%							D
Parapets								
Cast in Place Concrete	100%			LIFE	* *	5	\$763,800	A
Roof								
Cast in Place Concrete	10%			LIFE	* *			A
Spray-on Foam		0-2 Extent : Mod a : Main Rod	\$613,800 derate, Area Affecto of	2033 ed : 10%	* *	5	\$118,400	A
	Cracking/		Extent : Moderate	, Area A	ffected : 25%			
		ded, Extent 1 : Through	: Moderate, Area A out	Affected	: 25%			
terior								
Floors	40			2022	455 - 2	-	4. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	~
Carpet	10%			2022	\$725,000 * *	3	\$119,800	C
Cast in Place Concrete	80%			LIFE	**	5	\$1,048,700	C
Ceramic Tile	5%			2032	**	5	\$30,000	C
Terrazzo	5%			LIFE		5	\$23,400	С
Interior Walls Cast in Place Concrete	25%	Now	\$75,600	LIFE	* *			С
Cast III I lace Collected			Extent : Moderate		ffected · 10%			C
			indows, Stair 11, I					
			: Moderate, Area					
		_	Throughout	Jjecica	0/0			
Cast in Place Concrete	55%		. 0	LIFE	* *			С
Concrete Masonry Unit				LIFE	* *	5	\$1,000	C
	10/0			نسست		J	10 L ((()()	_

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 #: 13424

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Interior									
Ceilings									
AcousTileSusp.Lay-In	10%			2036	* *	5	\$59,900	В	
Exposed Concrete	20%	Now	\$182,800	LIFE	* *	5	\$18,700	В	
	Cracking/Crumbling, Extent: Moderate, Area Affected: 10%								
	Location : North Tunnel Entrance, Throughout								
	Exposed Reinforcement, Extent: Moderate, Area Affected: 10%								
	Location : North Tunnel Entrance, Throughout								
	Paint Peeling, Extent: Moderate, Area Affected: 25%								
	Location	: Through	out						
Exposed Concrete	70%			LIFE	* *	5	\$65,500	В	

		Repair	. atai	e Replacement		aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
					5	\$1,700	В
			Area Affe	cted : 100%			
Explana	tion : 3- M	ain Service Switche	s Rated	@ 2- 4000 Ampere	s And 1-	3000 Amperes	
					5	\$1,500	В
Explana	tion : 30 K	va, 15 Kva, 480/208	8/120 Vo	lts			
100%			2043	* *	5	\$1,700	В
5%			2036	* *	1		В
20%			2043	* *	1		В
75%							D
5%			2039	* *	5	\$500	В
20%			2039	* *	5	\$2,100	В
75%							D
5%			2036	* *	1		В
20%			2043	* *	1		В
75%							D
100%			2036	* *	5	\$2,700	В
						· · ·	
100%			LIFE	* *	5	\$5,900	В
•	100% Other Obs Location Explana 100% Other Obs Location Explana 100% 5% 20% 75% 5% 20% 75% 5% 20% 75%	100% Other Observation, E Location: Electrica Explanation: 3- Ma 100% Other Observation, E Location: Electrica Explanation: 30 K 100% 5% 20% 75% 5% 20% 75% 5% 20% 75%	Total (Years) 100% Other Observation, Extent: Moderate, A Location: Electrical Room Explanation: 3- Main Service Switche 100% Other Observation, Extent: Moderate, A Location: Electrical Room Explanation: 30 Kva, 15 Kva, 480/208 100% 5% 20% 75% 5% 20% 75% 100%	Total (Years) FY 100% 2043 Other Observation, Extent: Moderate, Area Affellocation: Electrical Room Explanation: 3- Main Service Switches Rated 100% 2036 Other Observation, Extent: Moderate, Area Affellocation: Electrical Room Explanation: 30 Kva, 15 Kva, 480/208/120 Vo 100% 2043 5% 2036 20% 2043 75% 2039 75% 2036 20% 2039 75% 2036 20% 2043 75% 2036 20% 2043 75% 2036 100% 2043	Total (Years) FY 100% 2043 ** Other Observation, Extent: Moderate, Area Affected: 100% Location: Electrical Room Explanation: 3- Main Service Switches Rated @ 2- 4000 Ampere 100% 2036 ** Other Observation, Extent: Moderate, Area Affected: 100% Location: Electrical Room Explanation: 30 Kva, 15 Kva, 480/208/120 Volts ** 100% 2043 ** 5% 2036 ** 20% 2043 ** 75% 2039 ** 5% 2039 ** 5% 2039 ** 5% 2039 ** 5% 2036 ** 20% 2043 ** 75% 2036 ** 20% 2043 ** 75% 2036 ** 100% 2036 ** 20% 2043 ** 100% 2036 **	Total (Years) FY (Yrs)	Total (Years) FY (Yrs)

Lighting

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

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

Asset #: 13424

Electrical	Current Repair	Future Replacement Maintenance				
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting						
Interior Lighting						
Fluorescent	10%	2028	* *	10	\$36,700	В
	Other Observation, Extent : Mode	erate, Area Affected	: 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
Fluorescent	5%	2018	\$37,000	10	\$18,400	В
	Other Observation, Extent : Mode	erate, Area Affected	: 100%			
	Location: Throughout					
	Explanation: T-12 Lamps					
Fluorescent	5%	2028	* *	10	\$18,400	В
	Other Observation, Extent: Mode	: 100%				
	Location : Throughout The Build	-				
	Explanation : Compact Fluorese					
Incandescent	5%	2018	\$37,000	2	\$400	В
No Component	75%					D
Egress Lighting						
Emergency, Battery	5%	2028	* *	10	\$4,800	В
Exit, Service	5%	2028	* *	1		В
No Component	90%					D
Exterior Lighting						
HID	100%	2028	* *	10	\$1,200	В
Alarm						
Security System	000/					ъ
No Component	90%	2020	* *		Ф14.000	D
Generic	10%	2028		1	\$14,900	В
	Location : Corridor	Other Observation, Extent : Moderate, Area Affected : 100%				
	Explanation : C C T V Camera:	~				
Fire/Smoke Detection	Explanation . C C I v Camera:	3				
No Component	75%					D
Generic	25%	2028	* *	1-3	\$63,500	B
Generic	Other Observation, Extent : Mode		: 100%	1-5	φυ5,500	D
	Location: Hallways	, 111 ca 11 ₁ 1 ₁ 1 ₁ cetea	. 100/0			
	Explanation : Smoke Detectors,	Manual Pull Statio	ns And Horns			
-	= T terretter : Smalle Betectors,		1700 1107710			

Mechanical		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
Heating								
Energy Source								
Natural Gas	35%			2033	* *	1		В
No Component	65%							D
Conversion Equipment								,
Hot Water Boiler	35%			2028	* *	1	\$69,300	В
No Component	65%							D

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

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

Asset #: 13424

Mechanical	Curi	ent Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Total (Ye	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Distribution							
Hot Wtr Piping/Pump	35%		2039	* *	4	\$6,900	В
No Component	65%						D
Terminal Devices	1.007		2010	ΦΕ1 (00		\$2.4.000	
Air Handler	10%	T	2018	\$71,600	1	\$24,800	В
		on, Extent : Light, Area	a Affected	: 10%			
		ding Dock Level					
		Service Dock Area	2020	* *		Ф22.200	
Convector/Radiator	25%		2028	* *	1	\$32,300	В
Fan Coil Unit/Heat	10%		2028	* *	1	\$12,900	В
No Component	55%						D
Ventilation							
Distribution Ductwork/Diffusers	10%		LIFE	* *	2-5	\$22,300	В
No Component	90%		LIFE		2-3	\$22,300	D D
Exhaust Fans	90%						D
Interior	5%		2028	* *	2	\$600	В
Roof	5%		2028	* *	2	\$600 \$600	В
No Component	90%		2020		2	φοσο	D
Plumbing	9070						
H/C Water Piping							
Galv Iron/Steel	35%		2036	* *	1		В
No Component	65%		2030		1		D
Water Heater	32,0						
Electric	35%		2021	\$20,600	4	\$1,200	В
No Component	65%			7-0,000		+-,	D
Sanitary Piping							
Cast Iron	35%		LIFE	* *	1		В
No Component	65%						D
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Backflow Preventer							
No Component	65%						D
Generic	35%		2028	* *	1	\$8,600	В
Fixtures							
Generic	100%						В
Vertical Transport							
Elevators							
Gearless Traction	35%		LIFE	* *			C
No Component	65%						D
Fire Suppression							
Standpipe							
No Component	65%						D
Generic	35%		2043	* *	1-5	\$73,300	В
Sprinkler							
No Component	65%						D
Generic	35%		2043	* *	1-2	\$39,300	В

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

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

Page: 28

DEPT. OF SMALL BUSINESS SERV. - 801 BROOKLYN ARMY TERMINAL BUILDING A

Mechanical	Curren	t Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fire Suppression Fire Pump							
No Component	65%						D
Generic	35%		2032	* *	1	\$26,200	В

Page: 29

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BROOKLYN ARMY TERMINAL BUILDING B

Address : 140 58TH STREET @ FIRST AVENUE

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 2,211,849 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 01-Aug-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5,6,7,8

Block : 5778 Lot : 1 BIN : 3257058

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$7,683,400	\$28,641,800
Interior Architecture	\$500,700	\$6,986,200
Electrical	\$6,227,600	\$800,400
Mechanical	\$614,100	\$7,545,100
Total	\$15,025,800	\$43,973,400
Priority A	\$7,683,400	\$28,641,800
Priority B	\$7,259,700	\$8,976,500
Priority C	\$82,800	\$6,355,100
Total	\$15.025.800	\$43.973.400

Total	\$721,800	\$794,800	\$702,600	\$825,500
Priority C	\$82,800	\$93,100		\$82,800
Priority B	\$639,000	\$701,700	\$701,400	\$742,700
Priority A			\$1,200	
Total	\$721,800	\$794,800	\$702,600	\$825,500
Elevators/Escalators	\$239,800	\$239,800	\$239,800	\$239,800
Mechanical	\$312,200	\$374,100	\$377,100	\$428,600
Electrical	\$87,000	\$87,800	\$84,500	\$74,300
Interior Architecture	\$82,800	\$93,100		\$82,800
Exterior Architecture			\$1,200	
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

rchitecture	Current R	epair	Futur	e Replacement	M	aintenance				
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
terior										
Exterior Walls					_					
Cast in Place Concrete	20% Now	\$524,800	LIFE	**	5	\$981,600	A			
	Cracking/Crumbling,			fected: 10%						
	Location : Atrium W			A (C4-1 - 200/						
	Exposed Reinforcement		ate, Area	Affectea : 20%						
		Location : Mechanical Penthouses Staining/Discoloring, Extent : Moderate, Area Affected : 35%								
	Location: Atrium Walls And Balconies									
	Vertical Cracks, Exter			200/						
	Location : Atrium W		јјестеа .	2070						
Cast in Place Concrete	60%		LIFE	* *	5	\$2,944,900	A			
Metal Panel	5%		2033	* *	5-10	\$337,400	A A			
Metal Coiling Doors	10%		2033	* *	5-10 5	\$306,800	A			
Window Wall	5%		2043	* *	5	\$184,100	A			
Windows	370		2043			\$104,100	Λ			
Metal Louvers	10%		2032	* *	10	\$284,900	A			
Steel	90% Now	\$6,093,100	2022	\$20,310,400	5	\$2,563,700	A			
Stoci	90% Now \$0,095,100 2022 \$20,510,400 5 \$2,305,700 A Air Infiltration, Extent: Moderate, Area Affected: 50%									
	Location: Throughout									
	Deteriorated Finish, I		Area Aff	ected : 50%						
	Location: Througho	put								
	Glazing Broken/Crack	ked, Extent : Mode	rate, Are	a Affected : 15%						
	Location: Througho	out								
	Thermally Inefficient, Extent : Moderate, Area Affected : 100%									
	Location: Througho	put								
Parapets										
Cast in Place Concrete	28% Now	\$100,600	LIFE	* *	5	\$86,200	A			
	Cracking/Crumbling, Extent: Moderate, Area Affected: 20%									
	Location : North And South Parapets Above Atrium									
	Vertical Cracks, Extent : Moderate, Area Affected : 15%									
	Location : North An	d South Parapets A	Above At	rium						
Cast in Place Concrete	70%		LIFE	* *	5	\$215,600	A			
Metal Panel	2%		2043	* *	5	\$2,300	A			

Asset #: 13425

Architecture	(Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior	•			•				
Roof								
Paver: Asphalt	Cracking/Cr Location: Vegetation C Location: Water Penet	Over Bas Growth, E Over Bas tration, Ex	xtent : Moderate, A ement :tent : Moderate, A	Area Affe	ected : 10%			A
	Location :	Over Bas	ement					
Single Ply Membrane	10%			2023	\$265,000	10	\$83,100	Α
Spray-on Foam	75%			2028	* *	5	\$831,200	Α
		ecent Repair Evident, Extent : Light, Area Affected : 25% Location : Throughout						
	Location:	Througho on : Ballas			cted : 100% n Original Steel St	ructure P	Above The Atrium	
Interior								
Floors					** *** **	_		~
Carpet	5%			2022	\$2,002,700	3	\$331,100	C
Cast in Place Concrete	65%			LIFE	* *	5	\$672,500	C
Ceramic Tile	5%			2032	* *	5	\$165,500	С
Terrazzo	5%			LIFE		5	\$129,300	С
Vinyl Tile	20%			2023	\$5,336,000	3	\$248,300	С
Interior Walls	700/			LIDD	* *			C
Cast in Place Concrete Ceramic Tile	70%			LIFE 2032	* *	5	\$20.700	C C
Concrete Masonry Unit	2% 10%			LIFE	* *	5 5	\$20,700 \$41,400	C
Glass: Single Pane	3%			LIFE	* *	5	\$23,300	C
Grass. Single 1 and Gypsum Board	15%			LIFE	* *	5	\$93,100	C
Ceilings	1370			LIIL			Ψ/3,100	
Acous Tile Susp. Lay-In	10%			2036	* *	5	\$331,100	В
Exposed Concrete	85%			LIFE	* *	5	\$439,700	В
Exposed Concrete		Now	\$252,400	LIFE	* *	5	\$25,900	В
Zinposed Controle	Cracking/Cr Location : Exposed Rei	rumbling, Basemen inforceme	\$252,100 Extent : Moderate Under Ramps nt, Extent : Moder t Ceiling Near Atr	, Area A <u>j</u> ate, Area	•	J	<i>423,700</i>	2
	Water Penet	ration, Ex	tent : Moderate, A	Area Affe	cted : 10%			
	Location:	Basemen						

Electrical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts							
Service Equipment 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.

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

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

Asset #: 13425

Electrical	Current Repair	Future	Replacement	M				
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
ver 600 Volts								
Transformers								
Dry Type	100%	2021	\$34,000	3	\$12,200	В		
	Other Observation, Extent : Moderate	, Area Affec	ted : 100%					
	Location: Electrical Room	-1 / 400 W	-14-					
Caritale and / Caritale and	Explanation : 2- 2500 Kva, 27000 V	olts / 480 V	Olts					
Switchgear / Switchboard Not Accessible	100%					D		
Feeders	10070					D		
Cable	100%	2022	\$1,000	1		В		
Raceway	10070	2022	\$1,000	1		ъ		
Conduit	100%	2023	\$3,600	1		В		
nder 600 Volts	10070	2023	\$3,000	1		ъ		
Service Equipment								
Fused Disc Sw	50%	2023		5	\$4,700	В		
Tused Disc 5W	Other Observation, Extent: Moderate		ted: 100%	3	φ+,700	Ъ		
	Location: Electrical Room 1	, 111 ca 11,5 cc	100/0					
	Explanation: 2-4000 Amperes Main	n Service Sw	vitches					
Fused Disc Sw	50%	2033	* *	5	\$4,700	В		
rused Disc 5w	Other Observation, Extent : Moderate		ted · 100%	3	Φ4,700	Б		
	Location : Electrical Room 2	, meu mjjec	ieu . 10070					
	Explanation: 4-5000 Amperes Main	n Service Su	vitches					
Transformers	Explanation: 1 3000 Imperes Hall	i bervice by	riches					
Dry Type	100%	2021	\$14,200	5	\$8,100	В		
Dry Type	Other Observation, Extent : Moderate			3	φ0,100	Ъ		
	Location: Roof							
	Explanation : 3- 118 Kva, 1- 112 Kv	a. 1- 30 Kva	ı					
Switchgear / Switchboard	T	.,	-					
Fused Disc Sw	100%	2023		5	\$9,500	В		
Raceway								
Conduit	90%	2023		1		В		
Conduit	10%	2033	* *	1		В		
Panelboards								
Fused Disc Sw	10%	2022		5	\$5,100	В		
Molded Case Bkrs	80%	2022		5	\$46,600	В		
Molded Case Bkrs	10%	2031	* *	5	\$5,800	В		
Wiring					•			
Thermoplastic	40%	2033	* *	1		В		
Thermoplastic	60%	2023		1		В		
Motor Controllers								
Locally Mounted	70%	2021		5	\$10,400	В		
Locally Mounted	30%	2028	* *	5	\$4,500	В		

Ground

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 #: 13425

Electrical	Current Repair	Future	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Ground								
Grounding Devices								
Generic	50%	LIFE	* *	5	\$16,300	В		
Generic		5500 LIFE	* *	5	\$16,300	В		
	Other Observation, Extent : Mod	erate, Area Affe	cted : 100%					
	Location : Basement							
	Explanation: Corroded							
Lighting								
Interior Lighting								
Fluorescent	100%	2018	\$4,086,200	10	\$2,028,600	В		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout The Buil	ding						
	Explanation: T-12 Lamps							
Egress Lighting								
Emergency, Battery	50%	2023	\$381,100	10	\$267,000	В		
Exit, Service	50%	2023	\$152,400	1		В		
Exterior Lighting								
HID	100%	2018	\$112,800	10	\$6,800	В		
Alarm								
Security System								
No Component	70%					D		
Generic	30%	2028	* *	1	\$247,800	В		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Hallways							
	Explanation: CCTV Camera	S						
Fire/Smoke Detection								
No Component	70%					D		
Generic	30%	2028	* *	1-3	\$421,300	В		
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Hallways							
	Explanation: Strobe Lights, Sm	oke Detectors, I	Horns And Manua	l Pull Sta	ition			

Mechanical	Current Repair	Future R	Replacement	Ma	aintenance		
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating							
Energy Source							
Electricity	10%	2033	* *	1		В	
Natural Gas	90%	2033	* *	1		В	
Conversion Equipment							
Hot Water Boiler	90%	2028	* *	1	\$984,200	В	
	Other Observation, Extent : Light, Area Affected : 100%						
	Location : Boilers Rooms Explanation : 72 Gas Fired Hot Water Boilers						
Radiant Heater	10%	2023	\$923,000	2	\$102,600	В	
	Other Observation, Extent : Light, Area Affected : 100%						
	Location: Throughout Common Areas						
	Explanation : Electric Unit He	aters And Base Boa	ırd Radiant Hea	iters			

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

Estimates are rounded to the nearest hundred dollars.

 $[\]label{lem:maintenance} \textit{Maintenance \$ 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 #: 13425

Mechanical		Current F	Repair	pair Future Replacement Maintenance			aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating				•				•
Distribution	400						****	_
Hot Wtr Piping/Pump	100%			2039	* *	4	\$109,000	В
Terminal Devices Convector/Radiator	80%			2028	* *	1	\$571,500	В
Fan Coil Unit/Heat	20%			2023	\$6,278,100	1	\$142,900	В
Tan Con Onio Ticat			Extent : Light, Area			•	Ψ142,700	Ь
			out Tenant Storge					
	Explana	tion : Hot V	Water Unit Heaters					
Air Conditioning								
Energy Source	1000/			2020	ale ale	4		ъ
Electricity	100%			2039	* *	1		В
Conversion Equipment Ext Pkg Unit - Cooling	5%			2033	* *	2	\$6,800	В
Ext Fkg Unit - Cooling			Extent : Light, Area			2	\$0,000	Ь
	Location		meni . Ligni, mea	Пуссиси	. 10070			
		=	y Commissioned Sp	olit Units	Condensing Unit			
No Component	95%		1					D
Terminal Devices								
Fan Coil - Cooling	5%			2033	* *	1	\$35,700	В
			Extent : Light, Area		: 100%			
			Equipment Rooms					
			y Commissioned S _I	olit Unit,	Fan Coil Section			
No Component	95%							D
Ventilation								
Distribution Distribution	1.00/			LIEE	* *	2.5	¢122 200	D
Ductwork/Diffusers No Component	10% 90%			LIFE		2-5	\$123,300	B D
Exhaust Fans	9070							
Interior	10%			2028	* *	2	\$6,800	В
No Component	90%					_	+ -,	D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		В
Water Heater								_
Electric	100%		7 7 . 1 . 4	2018	\$325,000	4	\$12,900	В
			Extent : Light, Area ch Tenant Water C		: 100%			
			en Tenani waier Ci Unit Per Tenant Sp					
Sanitary Piping	Елріапа	non . One	они гег тепані зр	исе				
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping	100/0							
Cast Iron	100%			LIFE	* *	1		В
Backflow Preventer								
Generic	100%			2028	* *	1	\$135,400	В
* * * * * * * * * * * * * * * * * * *								

Vertical Transport

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

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

Mechanical	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			C
	Other Observation, Extent: Light, Ar	ea Affected : 100%	6			
	Location: B-8					
	Explanation: 9 Pass,18 Freight, Re f 9 Passenger Elevators	cent Upgrade Obs	erved On 4			
Fire Suppression						
Standpipe						
Generic	100%	2033	* *	1-5	\$1,115,200	В
Sprinkler						,
Generic	100%	2033	* *	1-2	\$619,600	В
Fire Pump				•	•	
Generic	100%	2026	* *	1	\$413,000	В

Page: 36

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BROOKLYN WHSLE MEAT MARKET BLDG A

Address : 5600 1ST AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0011.000 / 2431 Yr Built/Renovated : 1971 /

Area Sq Ft : 103,906 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 29-May-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 819 Lot : 1 BIN : 3255737

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$517,800	\$50,100
Interior Architecture	\$238,300	\$525,300
Electrical	\$173,700	\$1,716,100
Mechanical	\$109,700	\$1,534,800
Total	\$1,039,500	\$3,826,200
Priority A	\$517,800	\$50,100
Priority B	\$449,900	\$3,327,000
Priority C	\$71,800	\$449,100
Total	\$1,039,500	\$3,826,200

	\$34,400		\$28,900
\$33,400			\$2,000
\$34,900	\$34,400	\$33,100	\$26,900
\$94,200			
\$162,500	\$34,400	\$33,100	\$28,900
\$18,100	\$23,300	\$21,500	\$14,500
\$16,700	\$11,100	\$11,600	\$12,400
\$33,400			\$2,000
\$94,200			
FY 2016	FY 2017	FY 2018	FY 2019
	\$94,200 \$33,400 \$16,700 \$18,100 \$162,500 \$94,200 \$34,900	\$94,200 \$33,400 \$16,700 \$18,100 \$18,100 \$23,300 \$162,500 \$34,400 \$94,200 \$34,900 \$34,400	\$94,200 \$33,400 \$16,700 \$11,100 \$18,100 \$23,300 \$21,500 \$162,500 \$34,400 \$33,100 \$94,200 \$34,900 \$34,400 \$33,100



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

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

Architecture		Current l	Repair	Futur	e Replacement	M	aintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Exterior										
Exterior Walls	50 /			LIEE	* *	~	ΦζΟ 100			
Cast in Place Concrete	5%	Dainfanaan	ant Extant : Light	LIFE		5	\$50,100	Α		
	-	einjorcem : South Fe	ent, Extent : Light, .	Area Ajje	eciea : 1%					
Comment Films Percel		i . South P	icute	2025	¢20,200	10	¢0.400			
Cement-Fiber Panel	3% 52%			2025 LIFE	\$20,200	10	\$9,400 \$65,200	A		
Concrete Masonry Unit Masonry: Brick	20%	Now	\$28,700	LIFE	* *	5 5	\$20,100	A A		
Masonry. Brick			, Extent : Moderate			3	\$20,100	A		
			Course Throughou							
			Damage, Extent : Li	_						
		-	Course Throughou	_						
Metal Panel	10%			2045	* *	5-10	\$68,900	A		
Metal Coiling Doors	10%			2030	* *	5	\$31,300	Α		
Windows							. ,			
Aluminum	100%	Now	\$461,000	2033	* *	5	\$19,300	A		
	-		, Extent : Severe, A	rea Affec	cted : 100%					
		Location : Throughout Caulking Deteriorated, Extent : Moderate, Area Affected : 100%								
	_	Deteriorate : Through		te, Area	Affected : 100%					
		netration, E : Various	Extent : Moderate, A Areas	Area Affe	cted : 10%					
Roof										
Modified Bitumen	90%	Now	\$56,700	2030	* *			A		
	Water Pen	etration, E	Extent : Moderate, A	Area Affe	cted : 10%					
	Location	: Various	Areas							
Spray-on Foam	10%	Now	\$7,900	2030	* *	5	\$15,200	A		
1 13			Extent : Moderate, A		cted : 10%		, -,			
	Location	: Loading	Dock Canopy							
	Explana	tion : Bird	Damage							
nterior										
Floors										
Cast in Place Concrete		Now	\$71,800	LIFE	* *	5	\$318,600	C		
	_	_	, Extent : Severe, A	rea Affec	rted : 5%					
		: Loading	Dock		•					
Vinyl Tile	10%			2025	\$130,400	3	\$8,100	С		
Interior Walls	4004			TIPE	مار دا د	~	ф 22 400	~		
Concrete Masonry Unit	40%			LIFE	* *	5	\$32,400	С		
Fiberglass Panel	60%			LIFE	* *	10	\$15,200	C		

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 #: 2431

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	
Interior									
Ceilings									
AcousTileSusp.Lay-In	25%	Now	\$64,900	2030	* *	5	\$21,200	В	
	Broken/M	issing Elem	ients, Extent : Mod	erate, Ar	ea Affected : 15%				
Location : Offices									
	Staining/L	Discoloring,	, Extent : Moderate	, Area Ą	ffected : 60%				
	Location: Offices								
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 100%				
	Location	ı : Through	out						
AcousTileSusp.Lay-In	45%			2030	* *	5	\$76,200	В	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Meat Packing Areas								
	Explana	tion : Speci	al Laminated Lay-	in Tiles I	For Food Service C	Cold Room	ms		
Exposed Struc: Steel	30%			LIFE	* *	10	\$101,600	В	
1	Water Penetration, Extent : Severe, Area Affected : 5%								
	Location	ı : Electrica	al Room Over Main	Panel					

Electrical	Current Repair	Future	Future Replacement Maintenanc		aintenance					
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code				
Jnder 600 Volts										
Service Equipment										
Fused Disc Sw	100%	2025	\$16,200	5	\$400	В				
	Other Observation, Extent : Mo	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location: Basement									
	Explanation : No Available No	ameplate Ratings								
Transformers										
Dry Type	100%	2023	\$14,200	5	\$400	В				
	Other Observation, Extent : Moderate, Area Affected : 100%									
	Location: Boiler Room									
	Explanation : 75 Kva, 480/208	8/120 Volts								
Switchgear / Switchboard										
Fused Disc Sw	100%	2025	\$50,500	5	\$400	В				
Raceway										
Conduit	100%	2025	\$58,200	1		В				
Panelboards										
Fused Disc Sw	20%	2024	\$8,000	5	\$500	В				
Molded Case Bkrs	80%	2024	\$32,100	5	\$2,200	В				
Wiring										
Thermoplastic	100%	2025	\$44,800	1		В				
Motor Controllers			•							
Locally Mounted	80%	2023	\$44,800	5	\$600	В				
Locally Mounted	20%	2030	* *	5	\$100	В				
Ground										
Grounding Devices										
Generic	100%	LIFE	* *	5	\$3,100	В				

Stand-by Power

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 #: 2431

Electrical		Current F	Repair	Futur	e Replacement	Ma	aintenance	
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Stand-by Power								
Transfer Switches								_
Automatic	100%	Now	\$11,000	2045	* *	1	\$28,800	В
			t : Moderate, Area or Refrigeration Ro		: 100%			
Generators								
Diesel	100%	Now	\$74,500	2040	* *	1	\$36,200	В
	Other Obse	rvation, E	xtent : Moderate, A	Area Affe	cted : 100%			
	Location :	2nd Floo	or Refrigeration Ro	om				
	Explanation	on : 2- 56.	5 Kw, Not In Servio	e Aband	oned Equipment			
ighting								
Interior Lighting								
Fluorescent	100%		16.1	2020	\$199,800	10	\$99,200	В
			xtent : Moderate, A	Area Affe	cted: 100%			
	Location :							
Entarion Lighting	Explanation	on : 1-12	Lamps					
Exterior Lighting HID	100%			2020	\$5,300	10	\$300	В
Alarm	100%			2020	\$5,500	10	\$300	В
Security System								
Generic	100%			2025	\$298,000	1	\$38,800	В
Generie	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location: Throughout The Building							
	Explanation	on : C C T	V Surveillance C	ameras				
Fire/Smoke Detection	-							
Generic, Analog	100%			2025	\$1,020,000			В
<u>-</u> -	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location :	Through	out The Building					
<u> </u>	Explanation	on : Strob	e Lights,Manual P	ull Statio	ns And Smoke Det	ectors		

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
eating						
Energy Source						
Interruptible Gas/Dual	100%	2025	\$105,300	1		В
Fuel						
Conversion Equipment						
Hot Water Boiler	100%	2023	\$230,600	1	\$53,500	В
	Other Observation, Extent: Light, Are	a Affected	: 100%			
	Location: Mechanical Room					
	Explanation: 2 Units					
Distribution						
Hot Wtr Piping/Pump	100%	2033	* *	4	\$8,000	В

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

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

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Terminal Devices	= 0		40.	• • • •			** **********************************	_
Air Handler	50%		\$82,900	2020	\$276,300	1	\$30,100	В
		vice, Exten : Mechani	t : Severe, Area Aff	ected : 1	00%			
		: Mecnani	сан коот		AT 17 200		*1= * 00	
Fan Coil Unit/Heat	50%			2025	\$767,300	1	\$17,500	В
Air Conditioning								
Conversion Equipment Window/Wall Unit	35%			2020	\$72.700	1		D
No Component	65%			2020	\$73,700	1		B D
No Component		ervation F	Extent : Light, Area	Affected	. 0%			D
		: Through		Пусстей	. 070			
		_	ystems Used For Re	efrigerat	ion			
Ventilation	23 op venten		, 5, 6, 1, 6,	97180700				
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$95,500	В
Exhaust Fans								
Roof	100%			2020	\$81,500	2	\$3,300	В
Plumbing								
H/C Water Piping								
Brass/Copper	70%			2035	* *	1		В
			: Moderate, Area A	Affected :	5%			
		: Through	out					
Galv Iron/Steel	30%			2030	* *	1		В
HW Heat Exchanger								
Low Temp	100%			2025	\$31,800	4	\$16,000	В
			Extent : Moderate, A	Area Affe	ected : 100%			
		: Mechani						
G : B: :	Explana	tion : 2 Un	its					
Sanitary Piping	1.000/			LIDE	* *	1		D
Cast Iron	100%			LIFE		1		В
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)	100%			LIIT		1		ט
Rigid Piping	100%			2025	\$10,500	4	\$2,500	В
Fixtures	100/0			2023	Ψ10,500		Ψ2,300	ע
Generic	100%							В
Fire Suppression	100/0							
Sprinkler								
Generic	100%			2035	* *	1-2	\$30,300	В
							, , - 0	

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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BROOKLYN WHSLE MEAT MARKET BLDG B

Address : 5600 1ST AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0011.010 / 2432 Yr Built/Renovated : 1971 /

Area Sq Ft : 78,304 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 29-May-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 819 Lot : 1 BIN : 3378176

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$637,700	\$159,500
Interior Architecture	\$420,300	\$279,200
Electrical	\$65,600	\$565,700
Mechanical		\$1,800,200
Total	\$1,123,600	\$2,804,600
Priority A	\$637,700	\$159,500
Priority B	\$186,300	\$2,365,900
Priority C	\$299,600	\$279,200
Total	\$1,123,600	\$2,804,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$17,900			
Interior Architecture	\$131,100			\$7,000
Electrical	\$1,100	\$900	\$1,300	\$1,900
Mechanical	\$52,800	\$11,100	\$14,000	\$12,900
Total	\$203,000	\$12,000	\$15,300	\$21,800
Priority A	\$17,900			
Priority B	\$53,900	\$12,000	\$15,300	\$14,800
Priority C	\$131,100			\$7,000
Total	\$203,000	\$12,000	\$15,300	\$21,800



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

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

Asset #: 2432

rchitecture		Current R	epair	Futur	e Replacement	М	aintenance				
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
terior	•							•			
Exterior Walls											
Cast in Place Concrete	5%			LIFE	* *	5	\$35,900	A			
Cement-Fiber Panel	3%			2025	\$14,500	10	\$6,700	A			
Concrete Masonry Unit	27%	Now	\$151,300	LIFE	* *	5	\$12,100	A			
	_	_	Extent : Severe, A	rea Affec	rted : 5%						
		Location : East And West Facades Int Mortar Miss/Frod Extent : Moderate Area Affected : 15%									
	Int Mortar Miss/Erod, Extent: Moderate, Area Affected: 15% Location: West Facade										
	Location : West Facade Vertical Cracks, Extent : Severe, Area Affected : 15%										
		racks, Exte n : East Fac		ffected :	15%						
Masonry: Brick	60%	Now	\$61,600	LIFE	* *	5	\$43,100	A			
	Broken/Missing Elements, Extent : Severe, Area Affected : 5%										
	Location	ı : Typical T	Throughout Loadin	g Dock A	Along Base And At	Building	Corners				
					Area Affected : 10						
	Location	ı : Typical T	Throughout Loadin	g Dock A	Along Base And At	Building	Corners				
Metal Coiling Doors	5%	Now	\$38,600	2030	* *	5	\$5,600	A			
	-		ts, Extent : Severe,	Area Afj	fected : 25%						
	Location : Throughout Corrosion/Rusting, Extent : Severe, Area Affected : 25%										
		_		a Affecte	d : 25%						
			Roll Down Doors								
	-		tent : Severe, Area	Affected	l : 25%						
****	Location	: Through	out								
Windows	0.50/	NI	\$29 <i>C</i> 200	2022	* *	_	¢1.c 200				
Aluminum	=	Inefficient,	\$386,300 Extent : Severe, A	2033 rea Affec		5	\$16,200	A			
	Location: Offices Caulking Deteriorated Extent Moderate Area Affected 1 100%										
	Caulking Deteriorated, Extent : Moderate, Area Affected : 100% Location : Throughout										
		_	xtent : Moderate, A	nag Affa	atad + 100/						
		ieiraiion, E. i : Various 2		теи Ајје	ciea . 10%						
Marall		i. various i	17643	2024	* *	10	¢10.700				
Metal Louvers	5%			2034	* *	10	\$10,700	A			
Roof Modified Bitumen	90%			2030	* *	10	\$116,500	A			
Spray-on Foam	10%			2030	* *	5	\$17,300	A			
Spray-on Foam		ervation F	xtent : Moderate, A		cted: 10%	3	φ17,300	Л			
			Dock Canopy	11950							
		_	Damage - Holes In								

Interior

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

Asset #: 2432

Architecture	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior							
Floors		***			_		~
Carpet	10% Now Staining/Discoloring, E Location: Offices			* * ted : 100%	3	\$16,100	С
	Wrinkling, Extent: Seve Location: Offices	ere, Area Affecte	a : 20%				
Cast in Place Concrete	75% Now Cracking/Crumbling, E Location: Throughou		LIFE , Area A <u>f</u>	* * fected : 10%	5	\$175,600	С
Steel Plate	3% Now Broken/Missing Elemen Location : Steel Stairs		LIFE erate, Ar	* * ea Affected : 40%	1		С
Vinyl Tile	12%		2025	\$103,500	3	\$6,400	С
Interior Walls Concrete Masonry Unit	100% Now Loose/Miss Fasteners, Location: Interior	\$137,100 Extent : Moderat	LIFE e, Area A	* * Affected : 15%	5	\$26,000	С
	Misaligned/Bulging, Ex Location : Interior	tent : Moderate,	Area Aff	ected : 15%			
Ceilings AcousTileSusp.Lay-In	25% Now Broken/Missing Elemer Location: Offices	\$47,100 ats, Extent : Mode	2038 erate, Arc	* * ea Affected : 15%	5	\$15,300	В
	Staining/Discoloring, E Location : Offices	Extent : Moderate	, Area A <u>j</u>	ffected : 50%			
AcousTileSusp.Lay-In	45% Other Observation, Ext Location: Meat Pack Explanation: Special	ing Areas			5	\$55,200	В
Evnosad Struct Staal		Lammare Tites I		* *			В
Exposed Struc: Steel		ing Areas		r Food Service Co	ld Rooms 10	\$73,700	

Electrical	Current Repair	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Inder 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2025	\$29,200	5	\$300	В	
	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location: 2nd Floor Electrical Room						
	Explanation : Main Service Switch Ra	ted @ 20	000 Amperes				
Transformers			-				
Dry Type	100%	2023	\$14,200	5	\$300	В	
3 31	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location: Boiler Room						
	Explanation: 3-45 Kva, 480/208/120	Volts					

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

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

Asset #: 2432

Electrical	Curre	ent Repair	Futur	e Replacement	M	aintenance			
System Component Type	% of Fail I Total (Yea	Oate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Under 600 Volts			•				•		
Switchgear / Switchboard									
Fused Disc Sw	100%		2025	\$106,000	5	\$300	В		
Raceway									
Conduit	100%		2025	\$33,700	1		В		
Panelboards					_	4400	_		
Fused Disc Sw	5%		2024	\$3,700	5	\$100	В		
Molded Case Bkrs	95%		2024	\$70,800	5	\$2,000	В		
Wiring	700/		2025	#21 200			ъ.		
Thermoplastic	70%		2025	\$21,200 * *	1		В		
Thermoplastic	30%		2035	* *	1		В		
Motor Controllers	0.50/		2022	420.500	-	Φ.5.0.0	ъ.		
Locally Mounted	95%		2023	\$20,500	5	\$500	В		
Locally Mounted	5%		2038	* *	5		В		
Ground									
Grounding Devices	1000/						Ъ		
Not Accessible	100%						D		
Lighting									
Interior Lighting Fluorescent	100%		2020	\$90,900	10	\$65,600	В		
Fluorescent		n Extent : Madarata			10	\$65,600	D		
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building								
	Explanation : T	-							
Exterior Lighting	Ехрининон . 1	-12 Lamps							
HID	100%		2020	\$13,000	10	\$200	В		
Alarm	10070		2020	Ψ15,000	10	Ψ200			
Security System									
No Component	70%						D		
Generic	30%		2025	\$67,400	1	\$8,800	В		
Generic		on Extent · Moderate			1	ψ0,000	ь		
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Hallways								
		CCTV Surveillance (Cameras						
Fire/Smoke Detection	zarp terretation . C								
No Component	70%						D		
Generic, Digital	30%		2025	\$230,600			В		
Conorio, Digital		on, Extent : Moderate.					2		
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Hallways								
		Strobe Lights, Manual I	Pull Statio	ons. Alarm Bells					

Mechanical	Current Re	epair Fu	uture Replace	ment	Ma	nintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year		d Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source Interruptible Gas/Dual Fuel	100%	202	25 \$6	59,700	1		В

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

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

Asset #: 2432

Mechanical	C	urrent Repair	Future F	Replacement	Ma	aintenance	
System Component Type		il Date Estimated Years)	Cost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating Conversion Equipment Hot Water Boiler		ation, Extent : Light Aechanical Room : : 2 Units	2023 t, Area Affected : 1	\$152,500 100%	1	\$35,400	В
Distribution Hot Wtr Piping/Pump	100%		2033	* *	4	\$5,300	В
Terminal Devices Air Handler	Not in Service	Now \$21 r, Extent : Severe, A Mechanical Room	,900 2020 rea Affected : 100	\$73,100 %	1	\$8,000	В
Fan Coil Unit/Heat	80%		2025	\$812,000	1	\$18,500	В
Air Conditioning Energy Source Electricity	100%		2024	\$192,000	1		В
Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%		2020	\$447,100	2	\$4,400	В
	Location: T	ation, Extent : Light hroughout : All Systems Are U					
Ventilation Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$63,100	В
Exhaust Fans	10070					ψ03,100	
Roof	100%		2025	\$53,900	2	\$2,200	В
Plumbing H/C Water Piping Brass/Copper	70% Leak Evident, Location : T	Extent : Moderate, hroughout	2035 Area Affected : 5%	**	1		В
Galv Iron/Steel	30%		2030	* *	1		В
HW Heat Exchanger Low Temp		ation, Extent : Mode Aechanical Room : 2 Units	2035 erate, Area Affecte	* * cd : 100%	4	\$7,100	В
Sanitary Piping							
Cast Iron Storm Drain Piping Cost Iron	100%		LIFE	* *	1		В
Cast Iron Fixtures Generic	100%		LIFE		1		<u>В</u> В
Fire Suppression Sprinkler							
Generic	100%		2035	* *	1-2	\$20,000	В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BROOKLYN WHSLE MEAT MARKET BLDG D - FDNY FIRE INVESTIGATION

Address : 5600 1ST AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0011.030 / 162 Yr Built/Renovated : 1971 /

Area Sq Ft : 9,920 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 29-May-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 819 Lot : 1 BIN : 3378177

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$97,800	\$211,900
Electrical		\$82,700
Mechanical	\$56,500	
Total	\$154,300	\$294,600
Priority A	\$97,800	\$211,900
Priority B	\$56,500	\$82,700
Total	\$154,300	\$294,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$61,200			
Interior Architecture	\$38,600			\$1,400
Electrical	\$7,200	\$100	\$100	\$200
Mechanical	\$4,500	\$1,600	\$1,500	\$800
Total	\$111,500	\$1,700	\$1,600	\$2,500
Priority A	\$61,200			
Priority B	\$27,300	\$1,700	\$1,600	\$1,000
Priority C	\$23,000			\$1,400
Total	\$111,500	\$1,700	\$1.600	\$2,500



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

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

Architecture	Current Re	epair	Future I	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							•
Exterior Walls Cement-Fiber Panel	40% Now Broken/Missing Eleme Location: South Fac Cracking/Crumbling, I Location: South Fac	rade Extent : Severe, A					A
Stucco Cement	60% Now Cracking/Crumbling, I Location: Througho	_	2030 ea Affected	* *	5	\$17,100	A
Windows							
Aluminum	100% Now Air Infiltration, Extent Location: Througho Water Penetration, Ex Location: Througho	ut tent : Moderate, A			5	\$1,100	A
Parapets							
Masonry: Brick	100% Now Cracking/Crumbling, I Location: Througho Water Penetration, Ex Location: Througho	ut tent : Light, Area			5	\$4,800	A
Roof		4.0.00					
Modified Bitumen	100% Now Blisters, Extent: Mode Location: Througho Broken/Missing Eleme Location: Througho Water Penetration, Ex Location: Througho	ut nts, Extent : Ligh ut tent : Moderate, A	t, Area Affe				A
Interior							
Floors Cast in Place Concrete	10% Now Cracking/Crumbling, I Location: Througho	_	LIFE ea Affected	* *	5	\$3,000	С
Panel/Paver: Cer/Brk	5%		2041	* *	5	\$1,500	С
Vinyl Tile	85% Now Cracking/Crumbling, I Location: Througho	ut			3	\$4,300	С
	Worn/Eroded, Extent : Location : 2nd Floor		чујестеа : Т	J%0			

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

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

Asset	# -	1	62
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Architecture		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	\$900	C
Gypsum Board	40%			LIFE	* *	5-10	\$3,100	C
Metal Panel	5%			LIFE	* *	10	\$100	C
Plaster	25%	Now	\$900	LIFE	* *	5	\$300	C
	Cracking/	Crumbling,	Extent : Light, Are	ea Affecte	ed : 10%			
	Location	i : Througho	put					
Plywood/Hardboard	5%			LIFE	* *	10		С
Ceilings								
AcousTileSusp.Lay-In	50%	Now	\$15,600	2038	* *	5	\$3,400	В
-	Cracking/	Crumbling,	Extent : Moderate	, Area Aj	ffected : 30%			
	Location	i : Througho	put					
AcousTileSusp.Lay-In	50%			2030	* *	5	\$6,800	В

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2025	\$1,600	5		В
	Other Observation, Extent:	Moderate, Area Affe	ected : 100%			
	Location: 2nd Floor Elec	trical Room				
	Explanation: Main Service	ce Switch Rated @ 40	00 Amperes			
Transformers						
Dry Type	100%	2023	\$14,200	5		В
	Other Observation, Extent :	Moderate, Area Affe	ected : 100%			
	Location: 1st Floor					
	Explanation: No Availab	le Nameplate Ratings				
Switchgear / Switchboard						
Fused Disc Sw	100%	2025	\$50,500	5		В
Raceway						
Conduit	100%	2025	\$9,700	1		В
Panelboards						
Fused Disc Sw	10%	2024	\$1,100	5		В
Molded Case Bkrs	90%	2024	\$10,300	5	\$200	В
Wiring						
Thermoplastic	100%	2025	\$9,600	1		В
Motor Controllers						
Locally Mounted	100%	2030	* *	5	\$100	В
Ground						
Grounding Devices						
Not Accessible	100%					D

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.

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

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting						
Interior Lighting						
Fluorescent	85%	2020	\$32,300	10	\$7,100	В
	Other Observation, Extent:	. 55	ected : 100%			
	Location : Throughout The	Building				
	Explanation: T-12 Lamps					
Fluorescent	15%	2030	* *	10	\$1,200	В
	T-8 Lamps, Extent : Modera	te, Area Affected : 1	00%			
	Location: 2nd Floor					
Egress Lighting						
Emergency, Service	50%	2025	\$600	1		В
Exit, Service	50%	2025	\$600	1		В
Exterior Lighting						
HID	100%	2025	\$3,400	10		В
Alarm						
Security System						
No Component	70%					D
Generic	30%	2025	\$8,500	1	\$1,100	В
	Other Observation, Extent:	Moderate, Area Affe	ected : 100%			
	Location : Outside					
	Explanation: C C T V Sur	rveillance Cameras				
Fire/Smoke Detection						
No Component	70%					D
Generic, Analog	30%	2020	\$29,200			В
	Other Observation, Extent:	Moderate, Area Affe	ected : 100%			
	Location : Hallways					
	Explanation : Manual Pull	! Stations, Alarm Bel	lls			

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Natural Gas	100%	2035	* *	1		В
Conversion Equipment						
Furnace	100%	2025	\$10,500	1	\$4,500	В
	Other Observation, Extent : Moderate, A	Area Affe	cted : 100%			
	Location: Roof Mounted					
	Explanation: Gas Furnace Is Included	d With A	C Unit			
Air Conditioning						
Energy Source						
Electricity	100%	2033	* *	1		В

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

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

Asset #: 162

Mechanical	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning Conversion Equipment							
Ext Pkg Unit - Heating/Cooling	100% 0-2	\$56,500	2035	* *	2	\$400	В
		tent : Moderate, Are	a Affecte	d : 70%			
	Location: Roof						
	R-22 Refrigerant, I Location : Roof	Extent : Light, Area A	ffected :	100%			
	Other Observation,	Extent : Light, Area	Affected	! : 100%			
	Location: Roof						
	Explanation : 2 R	oof Top Units With I	Built In G	as Furnace			
Ventilation							
Distribution	1,000/		LIEE	* *	2.5	ΦΩ ΩΩΩ	D
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$8,000	В
Exhaust Fans	10% Now	\$900	2035	* *	2		D
Interior		۶۹00 : vere, Area Affected			2		В
		yere, Area Ajjeciea . 3 Mounted Units - Bo					
No Component	90%	, mounted only					D
No Component		Extent : Light, Area	Affected	1 · 0%			D
	Location : Roof T	_	rijjecica	. 070			
		op Omns ntilation Is Part Of A	C Systen	ı			
Plumbing			_ ~	-			
H/C Water Piping							
Galv Iron/Steel	100%		2030	* *	1		В
Water Heater							
Gas Fired	100%		2020	\$2,000	2	\$100	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Sewage Ejector(s)							_
Electric	100%		2025	\$10,500	4	\$2,500	В
Fixtures	1000/						ъ
Generic	100%	Entered Comment	A CC 4	1 . 1000/			В
	Obsolete Fixtures, Location : Throug	Extent : Severe, Area ghout	Ађестес	i : 100%			
Fire Suppression							
Sprinkler							
Generic	100%		2035	* *	1-2	\$2,500	В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BUSH TERMINAL-MASTAS ADMIN. BLDG - OFFICES

Address : 41ST - 51ST STREET AND 1ST AVE.

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 10,323 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 26-Jun-2013 Landmark Status : NONE

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

Block : 725 Lot : 1 BIN : 3345660

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$97,800	
Electrical	\$28,200	\$15,200
Total	\$125,900	\$15,200
Priority A	\$97,800	
Priority B	\$28,200	\$15,200
Total	\$125,900	\$15,200

\$86,400 \$41,000 \$45,300	\$4,100 \$1,000	\$4,300	\$22,100 \$2,400
	\$4,100	\$4,300	\$22,100
\$86,400			
\$172,700	\$5,100	\$4,300	\$24,500
\$3,900	\$3,900	\$3,900	\$3,900
\$4,800	\$100	\$300	\$7,600
\$18,600		\$100	\$10,000
\$58,900	\$1,000		\$3,000
\$86,400			
FY 2016	FY 2017	FY 2018	FY 2019
	\$86,400 \$58,900 \$18,600 \$4,800 \$3,900	\$86,400 \$58,900 \$18,600 \$4,800 \$3,900 \$3,900	\$86,400 \$58,900 \$18,600 \$4,800 \$3,900 \$3,900 \$3,900 \$3,900



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

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

rchitecture	Current Repair	Future Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
terior Exterior Walls					
Masonry: Brick	95% Now \$97,80	0 LIFE **	5	\$17,100	Α
Masonry. Buck	Diagonal Cracks, Extent : Moderate Location : East Facade, South Fac	Area Affected : 10%	3	\$17,100	Α
	Jnt Mortar Miss/Erod, Extent : Mode Location : Bulkheads				
	Worn/Eroded, Extent : Moderate, Ar Location : Throughout	ea Affected : 25%			
Masonry: Granite	5% Now \$10,10 Jnt Mortar Miss/Erod, Extent : Mode Location : Building Base		5	\$700	A
Windows					
Aluminum	100% Now \$29,70 Caulking Deteriorated, Extent : Mod Location : Throughout	erate, Area Affected : 25%	5	\$1,900	A
	Water Penetration, Extent : Moderat Location : Throughout	e, Area Affected : 20%			
Parapets					
Masonry: Brick	10% Now \$2,90 Jnt Mortar Miss/Erod, Extent : Mode Location : Interior Face - East Side Worn/Eroded, Extent : Moderate, Ar	rate, Area Affected : 25%	5	\$300	A
	Location : Interior Face - East Side	,			
Metal Cornice	90% Now \$22,80 Broken/Missing Elements, Extent : S Location : Corners				A
	Corrosion/Rusting, Extent: Severe, A Location: Corners	Area Affected : 20%			
	Deteriorated Finish, Extent : Modera Location : Throughout	te, Area Affected : 25%			

Architecture	Current R	epair	Future	Replacement	M	aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year l FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior								
Roof								
Asphalt Shingle	90% Now	\$6,300	2037	* *			A	
	Gut/DS Non Func/Mis		ate, Area A	Affected : 25%				
	Location: Througho		4 66	1 1000/				
	Other Observation, Ex		Area Affect	ted: 100%				
	Location : Sloped Ro Explanation : This C	-	ally Dubb	on Chinalas Imita	tina Clati	Chinalas		
Classicals Matal/Class				* *	ung State	e Sningies.	Α.	
Skylight, Metal/Glass	3% Now Corrosion/Rusting, Ex	\$13,600	2034 Area Affect				A	
	Location : Over Stai		rea rijjeci	ей. 3070				
	Glazing Broken/Crack		rate. Area	Affected: 30%				
	Location : Over Stai		,	33				
	Water Penetration, Ex	tent : Moderate, A	Area Affect	ed : 10%				
	Location: Over Stai	r						
Spray-on Foam	7% Now	\$1,000	2029	* *	5	\$500	A	
	Drains Inad/Misposn,		e, Area Aff	ected : 25%				
		Location : Over Stair						
	Water Penetration, Ex		a Affected	: 25%				
· ·	Location : Over Stai	<i>r</i>						
Interior								
Floors Carpet	20% Now	\$2,800	2023	\$27,800	3	\$3,400	С	
Carpet	Staining/Discoloring,				3	\$5,400	C	
	Location : Third Flo		,					
Carpet	20% Now	\$27,800	2026	* *	3	\$3,400	С	
Carpet	Punct/Tear/Impact Da			Affected: 50%	J	Ψ2,100	C	
	Location : First Floo	_						
	Worn/Eroded, Extent:	Severe, Area Aff	ected : 50%	6				
	Location: First Floo	r						
Cast in Place Concrete	5%		LIFE	* *	5	\$1,300	С	
Terrazzo	5%		LIFE	* *	5	\$400	C	
Vinyl Tile	10% Now	\$9,300	2034	* *	3	\$400	C	
	Broken/Missing Elements, Extent: Severe, Area Affected: 50%							
	Location : First Floo							
	Water Penetration, Ex		a Affected	: 50%				
77' 175''	Location : First Floo	or .	2020	ala -l-		Φ4 5 00		
Vinyl Tile	35%		2029	* *	3	\$1,500	C	
Wood	5%		2027	4 4	5	\$1,100	C	

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

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

Asset #: 2153

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								
Interior Walls								
Gypsum Board	15%		\$500	LIFE	**	5	\$400	C
		O	ients, Extent : Mod	erate, Ar	ea Affected : 25%			
	Location							
			xtent : Moderate, A	Area Affe	cted : 20%			
	Location	ı : Stair						
Plaster	80%	Now	\$4,900	LIFE	* *	5	\$1,000	C
	Cracking/	Crumbling,	Extent: Moderate	, Area A	ffected : 20%			
	Location	: Third Fl	oor Entrance					
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 20%			
	Location	: Third Fl	oor					
Wood	5%			LIFE	* *	5	\$800	С
Ceilings								
AcousTileSusp.Lay-In	10%			2029	* *	5	\$1,200	В
Embossed Metal	30%			LIFE	* *	5	\$1,600	В
Gypsum Board	20%	Now	\$2,200	LIFE	* *	5	\$2,900	В
	Cracking/	Crumbling,	Extent: Moderate	, Area A	ffected : 25%			
	Location : Office Area							
	Water Penetration, Extent : Moderate, Area Affected : 10%							
	Location	ı : Office A	rea					
Plaster	40%	Now	\$11,400	LIFE	* *	5	\$2,900	В
	Cracking/Crumbling, Extent: Moderate, Area Affected: 10%							
	Location	: Third Fl	oor Office Area, Fi	rst Floor	r			
	Water Pen	netration, E	xtent : Severe, Ared	a Affecte	d : 20%			
	Location	: Third Fl	oor					

Electrical	Current Repa	ir Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2024	\$3,100	5	\$300	В
	Other Observation, Exten	t : Moderate, Area Affe	cted : 100%			
	Location : Electrical Ro	om				
	Explanation : Main Serv	vice Switch Rated @ 20	0 Amperes			
Switchgear / Switchboard						
Fused Disc Sw	50%	2034	* *	5		В
Molded Case Bkrs	50%	2024	\$30,300	5	\$100	В
Raceway						
Conduit	100%	2024	\$19,400	1		В
Panelboards						
Fused Disc Sw	25%	2023	\$5,700	5	\$100	В
Molded Case Bkrs	50%	2023	\$11,500	5	\$100	В
Molded Case Bkrs	25%	2032	* *	5	\$100	В

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

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

Asset #: 2153

Electrical		Current F	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Wiring								
Braided Cloth	70%		\$17,200	2049	**	1		В
			ent : Moderate, Are	a Affecte	ed : 100%			
		ı : Through	out					
Thermoplastic	30%			2034	* *	1		В
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting					44.000		** 000	_
Fluorescent	30%		1.6.1	2024	\$13,000	10	\$2,800	В
	-		Moderate, Area Aff	ected : 1	00%			
		ı : 3rd Floo	or					
Fluorescent	5%			2024	\$2,200	10	\$500	В
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Staircase							
			pact Fluorescent Li					
Fluorescent	65%			2019	\$28,200	10	\$6,200	В
	-		Moderate, Area Aj	fected:	100%			
	Location	n: 1st And	2nd Floors					
Egress Lighting								
Exit, Service	100%		\$1,400	2034	* *	1		В
			ent : Moderate, Are	ea Affect	ed : 100%			
	Location	ı : Through	out The Building					
Exterior Lighting	40-			-01-				_
HID	100%			2019	\$3,600	10		В
Alarm								
Security System	400							ъ
Under Construction	100%							D

Mechanical	Current Repair	Future	Replacement	M	aintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
leating								
Energy Source								
Natural Gas	100%	2034	* *	1		В		
Conversion Equipment								
Furnace	30%	2024	\$2,700	1	\$1,100	В		
	Other Observation, Extent: Light, Area Affected: 30%							
	Location: Tenant Owns, Operates And Maintains Equipment On 1st And 2nd Floor							
	Explanation: 1 Unit							
Not Accessible	70%					D		
	Other Observation, Extent : Light, Area Affected : 0%							
	Location: 1st And 2nd Floors							
	Explanation: Tenant Owns, Operates And Maintains Equipment On 1st And 2nd Floor							

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

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

Mechanical	Current Repair	Future Rep	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating		•				•
Distribution						
Ductwork/Diffusers	30%	LIFE	* *	2-5	\$1,300	В
No Component	70%					D
	Other Observation, Extent: Light,	, Area Affected : 0%				
	Location: Throughout					
	Explanation: 1st And 2nd Floor	.s				
Air Conditioning						
Energy Source	1000/	2040	* *	1		D
Electricity	100%	2040	* *	1		В
Conversion Equipment	500/	2010	¢7.500	1		D
Window/Wall Unit	50%	2019	\$7,500	1		В
No Component	50%					D
Plumbing H/C Water Pining						
H/C Water Piping Galv Iron/Steel	100% 0-2 \$4,	300 2029	* *	1		В
Garv Holl/Steel	Corroded, Extent : Moderate, Area			1		Ь
	Location: Throughout	u Ajjecieu . 2070				
Water Heater	Location: Intoughout					
Electric	30% Now \$	300 2024	\$300	4		В
Electric	Malfunctioning, Extent : Severe, A			•		Ь
	Location: 3rd Floor Rest Room,			eater.		
Not Accessible	70%					D
Tiot recession	Other Observation, Extent : Light,	Area Affected : 0%				Ъ
	Location:	, 111 eu 1193 eeseu 1 0 7 0				
	Explanation : Tenant Is Respons	sible For 1st & 2 Flo	oors			
Sanitary Piping	r					
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	50%	LIFE	* *	1		В
No Component	50%					D
-	Other Observation, Extent : Light,	, Area Affected : 0%				
	Location : Perimeter Of Building	g				
	Explanation : Leaders And Gutte	ers				
Fixtures						
Generic	100%					В
Vertical Transport				_		
Elevators						
Geared Traction	100%	LIFE	* *			C
	Other Observation, Extent : Light,	, Area Affected : 100	0%			
	Location: 1-3			_		
	Explanation : Defective Unit, Fl	ood Damaged Durin	ig Hurricane	Sandy		

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.

Page: 57

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BUSH TERMINAL-MASTAS BUILDING #39/40 - WAREHOUSE

Address : 41ST - 51ST STREET AND 1ST AVE.

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 15,275 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 27-Jun-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 725 Lot : 1 BIN : 3345656

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$740,700	
Interior Architecture	\$438,900	\$38,200
Mechanical	\$90,300	\$301,000
Total	\$1,269,900	\$339,200
Priority A	\$740,700	
Priority B	\$422,200	\$301,000
Priority C	\$107,000	\$38,200
Total	\$1,269,900	\$339,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$35,700		_	\$28,600
Interior Architecture		\$200		\$11,900
Electrical	\$7,700	\$100	\$200	\$52,400
Mechanical	\$800	\$1,100	\$1,500	\$13,300
Total	\$44,200	\$1,400	\$1,700	\$106,200
Priority A	\$35,700			\$28,600
Priority B	\$8,500	\$1,200	\$1,700	\$65,700
Priority C		\$200		\$11,900
Total	\$44.200	\$1,400	\$1,700	\$106,200



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

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

Asset #: 2430

chitecture	Current I	Repair	Futur	e Replacement	M	aintenance	
tem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
erior			•				
Exterior Walls							
Masonry: Brick	80% Now Broken/Missing Elen Location: Through Jnt Mortar Miss/Ero Location: Through Vertical Cracks, Exte	out d, Extent : Severe, A out ent : Severe, Area A	Area Affe	cted : 50%	5	\$26,300	A
Metal Coiling Doors	10% Now Deformed/Dented, E. Location : Through Punct/Tear/Impact L Location : Through	out Damage, Extent : Se			5	\$5,100	A
Stucco Cement	10% Now Broken/Missing Elen Location: West Fa Cracking/Crumbling	\$54,200 nents, Extent : Seve cade			5	\$4,100	A
	Location : West Fa	cade					
Windows	5 0/		20.40	ale ale	-		
Aluminum	5%	#22 000	2040	* *	5	Φ.4. 2 00	A
Steel	95% Now Air Infiltration, Externation: Through Corrosion/Rusting, E Location: Through Glazing Broken/Crac Location: Through Thermally Inefficient Location: Through	out Extent : Severe, Are out eked, Extent : Mode out , Extent : Severe, A	a Affected erate, Are	15% d : 50% a Affected : 50%	5	\$4,300	A
Parapets Masonry: Brick	95% Now Broken/Missing Elen Location : Through		LIFE re, Area 1	* * Affected : 50%	5	\$5,400	A
	Jnt Mortar Miss/Ero Location : Through Misaligned/Bulging, Location : Through	out Extent : Severe, Ar					
Pre-Cast Concrete	5% Now Jnt Mortar Miss/Ero Location: Coping Caulking Deteriorate Location: Coping				5	\$1,800	A
Roof							
Spray-on Foam	100%		2029	* *	5	\$57,200	A

Interior

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

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

Asset #: 2430

Architecture		Current F	lepair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior								
Floors								
Cast in Place Concrete	Location	: First Flo				5	\$38,200	С
		bstrate, Ex : First Flo	tent : Severe, Area or	Affected	! : 35%			
Vinyl Tile	5%			2029	* *	3	\$600	С
Wood	40%			2039	* *	5	\$23,800	C
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	\$200	C
Gypsum Board	10%			LIFE	* *	5	\$300	C
Masonry: Brick	_	Now Crumbling, : Through	\$38,200 Extent : Severe, A out	LIFE rea Affec	* * eted : 25%			С
		led, Extent : Through	: Severe, Area Affe out	ected : 50	0%			
Ceilings Exposed Concrete		Now Crumbling, : First Flo	\$209,400 Extent : Severe, A	LIFE rea Affec	* * rted : 25%	5	\$5,400	В
Exposed Struc: Wood	Location Split/Crace	: First Flo	: Severe, Area Aff					В
Gypsum Board	10%			LIFE	* *	5	\$5,700	В

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	Priority Code
Over 600 Volts								
Service Equipment								
Under Construction	100%							D
Transformers								
Under Construction	100%							D
Switchgear / Switchboard								
Under Construction	100%							D
Feeders								<u>.</u>
Under Construction	100%							D
Raceway								
Under Construction	100%							D
Under 600 Volts								
Service Equipment								
Under Construction	100%							D
Switchgear / Switchboard								
Under Construction	100%							D

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

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

Asset #: 2430

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Raceway								
Conduit	100%			2024	\$22,000	1		В
Panelboards								
Fused Disc Sw	20%			2023	\$2,300	5	\$100	В
Molded Case Bkrs	80%			2023	\$9,200	5	\$300	В
Wiring								
Braided Cloth	50%	2-4	\$7,700	2049	* *	1		В
	Insulation Aged, Extent : Moderate, Area Affected : 100%							
	Location	ı : Through	out The Building					
Thermoplastic	50%			2024	\$7,700	1		В
Motor Controllers								
Locally Mounted	100%			2022	\$8,600	5	\$100	В
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	10%			2019	\$3,900	10	\$1,900	В
			Moderate, Area Affe	ected : 1	00%			
	Location	i : Through	out The Building					
Fluorescent	75%			2019	\$29,400	10	\$14,600	В
			Moderate, Area Af	fected :	100%			
	Location	ı : Through	out The Building					
HID	15%			2019	\$1,600	10	\$100	В
Exterior Lighting								
HID	100%			2019	\$800	10		В

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Electricity	100%			2034	* *	1		В
Terminal Devices								
Fan Coil Unit/Heat	100%	Now	\$90,300	2024	\$301,000	1	\$6,200	В
On Extended Life, Extent : Severe, Area Affected : 50%								
	Location	ı : Ceiling N	<i>Aounted</i>					
Ventilation								
Exhaust Fans								
Wall Unit	40%			2019	\$12,200	2	\$300	В
No Component	60%							D
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		В
Water Heater								
Not Accessible	100%							D

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

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

Mechanical	Current Repa	ir Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						,
Cast Iron	100%	LIFE	* *	1		В
Fixtures						,
Generic	100%					В
Fire Suppression						
Sprinkler						
Generic	100%	2034	* *	1-2	\$5,900	В

Page: 62

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BUSH TERMINAL-MASTAS BUILDING #45 - GARAGE

Address : 41ST - 51ST STREET AND 1ST AVE.

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 13,720 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 28-Jun-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 725 Lot : 1 BIN : 3345661

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$435,400	\$113,500
Interior Architecture	\$257,900	\$43,200
Mechanical		\$249,500
Total	\$693,300	\$406,200
Priority A	\$435,400	\$113,500
Priority B	\$219,000	\$249,500
Priority C	\$38,900	\$43,200
Total	\$693,300	\$406,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$85,100			\$7,000
Interior Architecture			\$700	
Electrical	\$200	\$200	\$200	\$37,400
Mechanical	\$9,300	\$800	\$1,000	\$9,200
Total	\$94,600	\$1,000	\$1,900	\$53,600
Priority A	\$85,100			\$7,000
Priority B	\$9,500	\$1,000	\$1,200	\$46,600
Priority C			\$700	
Total	\$94,600	\$1,000	\$1,900	\$53,600



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

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

Asset #: 2429

Architecture	Curre	nt Repair	Future	Replacement	M	aintenance	
system Component Type	% of Fail D Total (Year	ate Estimated Cost rs)	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior							
Exterior Walls Concrete Masonry Unit	Location : Thro	rated, Extent : Severe, ughout th, Extent : Severe, Ard			5	\$17,400	A
Masonry: Brick	10% Now Caulking Deterio Location: West	\$21,300 rated, Extent : Moderd Facade tent : Severe, Area Aff			5	\$3,700	A
Metal Panel Metal Coiling Doors	Location : West	g, Extent : Severe, Are			5-10	\$25,600 \$2,900	A A
	Location: West		rea rijjeere	u . 2370			
Windows Steel	100% Now Air Infiltration, E Location : Thro	xtent : Severe, Area A	2049 Fected : 100	**	5	\$3,700	A
	Location: Thro Corrosion/Rustin Location: Thro	g, Extent : Severe, Are ughout ient, Extent : Severe, A	a Affected :	25%			
Roof	Location . Thro	ugnoui					
Modified Bitumen Spray-on Foam	50% 50% Now Drains Inad/Misp Location : Over	osn, Extent : Moderat	2024 2029 e, Area Affe	\$113,500 * * ected : 25%	10 5	\$20,600 \$13,700	A A
terior							
Floors Cast in Place Concrete	90% Now Cracking/Crumbl	ing, Extent : Moderate	LIFE c, Area Affe	* * cted : 25%	5	\$43,200	С
Ceramic Tile	5%		2033	* *	5	\$1,100	С
Vinyl Tile Interior Walls	5%		2024	\$8,800	3	\$400	С
Concrete Masonry Unit	95%		LIFE	* *	5	\$1,400	С

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

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

Asset #: 2429

Architecture	Current Rep	oair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior							
Ceilings							
Exposed Concrete	40%		LIFE	* *	5	\$1,400	В
Exposed Struc: Steel	50% Now	\$219,000	LIFE	* *			В
-	Corrosion/Rusting, Exte	ent : Moderate, A	Area Affe	cted : 25%			
	Location : First Floor						
Gypsum Board	10%		LIFE	* *	5	\$2,700	В

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts	<u> </u>		•				
Transformers							
Under Construction	100%						D
Switchgear / Switchboard							
Under Construction	100%						D
Feeders							
Under Construction	100%						D
Raceway							
Under Construction	100%						D
Under 600 Volts							
Service Equipment							
Under Construction	100%						D
Switchgear / Switchboard							
Fused Disc Sw	100%		2044	* *	5	\$100	В
Raceway							
Conduit	50%		2044	* *	1		В
Under Construction	50%						D
Panelboards							
Fused Disc Sw	10%		2032	* *	5		В
Molded Case Bkrs	40%		2032	* *	5	\$100	В
Under Construction	50%						D
Wiring							
Thermoplastic	60%		2034	* *	1		В
Under Construction	40%						D
Ground							
Grounding Devices							
Not Accessible	100%						D
Lighting							
Interior Lighting							
Fluorescent	90%		2019	\$24,400	10	\$12,100	В
	-	ps, Extent : Moderate, Area Aj n : Throughout The Building	fected : 1	100%			
Fluorescent	10%		2024	\$2,700	10	\$1,300	В
	T-8 Lamp	s, Extent : Moderate, Area Aff n : Throughout The Building			-	, ,,,,	

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.

Electrical	Current Repair	Future	Replacement	M	aintenance			
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Lighting								
Exterior Lighting								
HID	100%	2019	\$700	10		В		
Alarm								
Security System								
No Component	70%					D		
Generic	30%	2024	\$11,800	1	\$1,500	В		
Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Outside							
	Explanation: CCTV Surv	eillance Cameras						

Mechanical		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
Heating	•			•				•
Energy Source								
Electricity	100%			2034	* *	1		В
Terminal Devices								
Fan Coil Unit/Heat	100%			2024	\$208,000	1	\$4,700	В
Ventilation								
Exhaust Fans								
Wall Unit	40%			2019	\$8,400	2	\$200	В
No Component	60%							D
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	\$8,300	2022	\$41,500	1		В
		Extent : Mo s : 1st Floor	oderate, Area Affe	cted : 20	%			
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sewage Ejector(s)								
Not Accessible	100%							D
	Other Obs	ervation, E.	xtent : Light, Area	Affected	! : 0%			
	Location	: Located I	In A Pit					
	Explana	tion : Not A	ccessible					
Fixtures								
Generic	100%							В
Fire Suppression								
Sprinkler								
Generic	100%			2044	* *	1-2	\$4,100	В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BUSH TERMINAL-MASTAS BUILDING #57 - WAREHOUSE

Address : 41ST - 51ST STREET AND 1ST AVE.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0016.010 / 2449 Yr Built/Renovated : 1910 /

Area Sq Ft : 157,500 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 28-Jun-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3,5,6

Block : 725 Lot : 1 BIN : 3378183

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,811,900	\$1,174,000
Interior Architecture	\$306,100	\$525,400
Electrical	\$397,000	\$209,700
Mechanical		\$394,700
Total	\$2,515,000	\$2,303,800
Priority A	\$1,811,900	\$1,174,000
Priority B	\$397,000	\$639,500
Priority C	\$306,100	\$490,300
Total	\$2,515,000	\$2,303,800

Total	\$110,900	\$29,700	\$35,200	\$51,700
Priority C	\$11,900			
Priority B	\$86,600	\$29,700	\$35,200	\$51,700
Priority A	\$12,400			
Total	\$110,900	\$29,700	\$35,200	\$51,700
Elevators/Escalators	\$17,800	\$17,800	\$17,800	\$17,800
Mechanical	\$15,500	\$10,100	\$14,700	\$2,900
Electrical	\$53,300	\$1,800	\$2,700	\$31,000
Interior Architecture	\$11,900			
Exterior Architecture	\$12,400			
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

Asset #: 2449

Architecture	Current Repair		Future Replacement		Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
xterior								
Exterior Walls								
Cast in Place Concrete	95%			LIFE	* *	5	\$206,300	Α
Masonry: Brick	5%	Now	\$12,400	LIFE	* *	5	\$2,200	Α
			xtent : Moderate, A	Area Affecte	ed : 15%			
		: At Stair						
			d, Extent : Modera	te, Area Aff	ected : 25%			
	Location	: At Stair	Bulkhead					
Windows			*****	•0.40		_	***	
Aluminum	90%	Now	\$1,573,200	2049	* *	5	\$19,800	Α
			Extent : Severe, Ar	ea Affectea	1: 50%			
		: Through		4.00	1 500/			
	=		, Extent : Severe, A	rea Affecte	d: 50%			
		: Through		1 500	,			
			: Severe, Area Aff	ected : 50%				
		: Through						
Glass Block	10%	Now	\$41,600	LIFE	* *	5	\$2,800	A
			ked, Extent : Mode	erate, Area	Affected : 25%			
	Location	: Through	out					
Parapets						_		
Cast in Place Concrete	100%	Now	\$125,400	LIFE	* *	5	\$429,700	Α
			ent : Moderate, Are	ea Affected .	: 10%			
D. C	Location	: East Fac	cade, West Facade					
Roof	3%			2024	\$466.200	10	¢11 100	Δ.
Skylight, Metal/Glass	5% 97%			2024	\$466,200 * *	10	\$11,100	A
Spray-on Foam terior	9/%			2029		5	\$143,500	A
terior Floors								
Cast in Place Concrete	95%			LIFE	* *	5	\$490,300	C
Steel Plate	5%	Now	\$306,100	LIFE	* *	1	Ψ-70,500	C
Steel I late			xtent : Severe, Are		40%	1		C
			ndings Throughout		7070			
Interior Walls		200						
Cast in Place Concrete	20%	Now	\$11,900	LIFE	* *			С
cust in Frace Concrete			Extent : Moderate		cted : 15%			C
	_	: Fifth Flo		,, 11.00.11,,,0	. 10,0			
Concrete Masonry Unit			-	LIFE	* *	5	\$600	С
Gypsum Board	13% 5%			LIFE	* *	<i>5</i>	\$300	C
Masonry: Brick	60%			LIFE	* *	3	φ300	C
Ceilings	00/0			LIIL				
Exposed Concrete	95%			LIFE	* *	5	\$35,000	В
Gypsum Board	5%			LIFE	* *	5	\$14,700	В
Sypsum Doute	370					J	Ψ17,700	ע

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

Under 600 Volts

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

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

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

Asset #: 2449

Electrical		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Under 600 Volts									
Raceway									
Conduit	100%			2024	\$79,000	1		В	
Panelboards									
Fused Disc Sw	20%			2023	\$10,300	5	\$700	В	
Fused Knife Sw	50%	2-4	\$25,800	2049	* *	5	\$900	В	
			Extent: Moderate,	Area A <u>f</u>	fected: 100%				
		: Through		4.00	1 1000/				
			tent : Moderate, A	rea Affec	rted : 100%				
		: Inrougn	out The Building						
Molded Case Bkrs	30%			2023	\$15,500	5	\$1,200	В	
Wiring								_	
Braided Cloth	70%	2-4	\$25,700	2049	* *	1		В	
		-	ent : Moderate, Are	a Affecte	ed : 100%				
		: Through	out The Building						
Thermoplastic	30%			2024	\$18,500	1		В	
Lighting									
Interior Lighting	600/			2010	ф1 7.1.7 00	10	ΦΩ C 000	ъ	
Fluorescent	60%	п	16.1 . 4 . 4	2019	\$174,700	10	\$86,800	В	
	T-12 Lamps, Extent : Moderate, Area Affected : 100% Location : Throughout The Building								
El .		. Inrough	Out The Building	2024	Ф0 7 400	10	Ф42.400	D	
Fluorescent	30%	г.,	1.6.1	2024	\$87,400	10	\$43,400	В	
	T-8 Lamps, Extent : Moderate, Area Affected : 100% Location : Throughout The Building								
		. Inrough	oui The Building	2010	#20.100		* 400		
Incandescent	10%			2019	\$29,100	2	\$400	В	
Egress Lighting	# 00/			2024	425.2 00	10	#10.000	-	
Emergency, Battery	50%			2024	\$27,200	10	\$19,000	В	
Exit, Service	50%			2024	\$10,900	1		В	
Exterior Lighting	1000			2024	40.000	10	# ###	ъ	
HID	100%			2024	\$8,000	10	\$500	В	
Alarm									
Security System	700/							D	
No Component Generic	70% 30%			2019	\$135,500	1	\$17,700	D B	
Generic		amation I	Extant : Madanata			1	\$17,700	Б	
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Outside								
			TV Surveillance C	amaras					
	Expiana	non . C C	i v surveillance C	umeras					

Mechanical	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Natural Gas	100%		2044	* *	1		В

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

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

Mechanical	Current F	Current Repair		e Replacement	Maintenance				
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Heating	•								
Conversion Equipment									
Radiant Heater	60%		2024	\$394,700	2	\$43,900	В		
	Other Observation, E	-	Affected	: 60%					
	Location : Through								
	Explanation: Heat	ing Equipment Is In	istalled A	And Maintained By	Tenants				
No Component	40%						D		
Plumbing									
H/C Water Piping									
Galv Iron/Steel	100%		2029	* *	1		В		
Sanitary Piping									
Cast Iron	100%		LIFE	* *	1		В		
Storm Drain Piping									
Cast Iron	100%		LIFE	* *	1		В		
Sump Pump(s)									
Submersible	100%		2017	\$6,300	4	\$2,500	В		
	Other Observation, E								
	Location : Located		_	Pit					
	Explanation : Sump	Pump Is Not Acce	ssible						
Sewage Ejector(s)									
Electric	100%		2024	\$10,500	4	\$2,500	В		
		Other Observation, Extent : Light, Area Affected : 100%							
	Location : Is Locate		_	A Pit					
	Explanation : Eject	or Is Not Accessibl	e						
Fixtures	1.000/						ъ		
Generic	100%						В		
Vertical Transport									
Elevators	1000/		LIDE	* *			C		
Geared Traction	100% Other Observation, E	Entant Liabt Anna	LIFE				С		
	Location : 1-6	xieni . Ligni, Area	Ајјестеи	. 100%					
	Explanation: 3 Un	ita							
Fire Suppression	Explanation: 5 Un	113							
Sprinkler									
Generic	100%		2034	* *	1-2	\$44,200	В		
Generic	10070		2034		1-2	ψ44,200	ע		

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

Page: 70

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BUSH TERMINAL-MASTAS BUILDING #58 - WAREHOUSE

Address : 41ST - 51ST STREET AND 1ST AVE.

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 142,560 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 28-Jun-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3,5,6

Block : 725 Lot : 1 BIN : 3378184

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$2,491,900	\$1,171,600
Interior Architecture	\$421,100	\$467,200
Electrical	\$276,100	\$200,800
Mechanical	\$40,400	
Total	\$3,229,500	\$1,839,500
Priority A	\$2,491,900	\$1,171,600
Priority B	\$316,500	\$200,800
Priority C	\$421,100	\$467,200
Total	\$3,229,500	\$1,839,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$32,300			
Interior Architecture	\$6,600			
Electrical	\$500	\$1,800		\$1,200
Mechanical	\$5,400	\$12,700	\$12,600	\$11,900
Elevators/Escalators	\$17,800	\$17,800	\$17,800	\$17,800
Total	\$62,600	\$32,300	\$30,300	\$30,900
Priority A	\$32,300			
Priority B	\$23,700	\$32,300	\$30,300	\$30,900
Priority C	\$6,600			
Total	\$62,600	\$32,300	\$30,300	\$30,900



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

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

Asset #: 2448

Architecture	Current Repair		Future Replacement		Ma		
System Component Type	% of Fail 1 Total (Ye	Date Estimated Cost ars)	Year E FY	Sstimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls Cast in Place Concrete	_	w \$21,000 bling, Extent : Moderate ir Bulkhead, Loading D		* * cted : 15%	5	\$9,800	A
	Exposed Reinfo	rcement, Extent : Model ir Bulkhead, Loading D	rate, Area A	ffected : 15%			
Cast in Place Concrete	90%		LIFE	* *	5	\$177,000	A
Masonry: Brick	5% No Diagonal Crack Location : Ele	s, Extent : Severe, Area	LIFE Affected : I	* *	5	\$2,000	A
	Jnt Mortar Miss Location : Ele	/Erod, Extent : Modera vator Shaft	te, Area Aff	ected : 25%			
Windows							
Steel	100% No Air Infiltration, Location : Thr	Extent : Moderate, Ared	2049 a Affected :	* *	5	\$249,000	A
	Broken/Missing Location: Thr	Elements, Extent : Modo oughout	lerate, Area	Affected: 50%			
		ng, Extent : Moderate, 1	Area Affecte	ed : 50%			
	Location: Thr	=					
		cient, Extent : Moderat	e, Area Affe	cted : 100%			
D	Location: Thr	ougnout					
Parapets Cast in Place Concrete	Location: Not	bling, Extent : Moderate			5	\$388,900	A
	Location : No		•	,,,			
Roof							
Skylight, Metal/Glass	2%		2024	\$281,300	10	\$6,700	A
Spray-on Foam	98%		2029	* *	5	\$131,300	A
Interior							
Floors	400	* 1 * 1 * 1 * 2 * 2			_		~
Cast in Place Concrete	100% No		LIFE	**	5	\$467,200	С
	Location : Thr	bling, Extent : Moderate oughout	e, Area Affe	cted : 20%			
Interior Walls	4.6			ata - t			~
Cast in Place Concrete	15%		LIFE	* *	_	A # C C	C
Concrete Masonry Unit	15%		LIFE	* *	5	\$500	C
Gypsum Board	5%	000	LIFE	* *	5	\$300	C
Masonry: Brick	10% No Diagonal Crack Location : Eas	s, Extent : Moderate, A	LIFE rea Affected				С
Masonry: Brick	55%		LIFE	* *			С
Ceilings							
Exposed Concrete	100%		LIFE	* *	5	\$33,400	В

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

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

Asset #: 2448

Electrical	Current Repair		Future	Future Replacement		Maintenance	
System Component Type	% of Fail I Total (Yea	Oate Estimated Cost ars)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts							
Service Equipment	1000/						
Under Construction	100%						D
Transformers Under Construction	100%						D
Switchgear / Switchboard	100%						<u> </u>
Under Construction	100%						D
Feeders	10070						
Under Construction	100%						D
Raceway							
Under Construction	100%						D
Under 600 Volts							
Service Equipment	400-				_		_
Fused Disc Sw	100%	T W .	2054	**	5	\$600	В
	Other Observation : Elec	on, Extent : Moderate,	Area Affect	ted : 100%			
		aricai Room Recently Installed, Mai	in Campiaa C	witch Pated @ 31	000 Amn	aras	
Switchgear / Switchboard	Ехрининон . 1	xeceniiy Insiailea, Mai	n service s	wiich Kaiea @ 50	oo Amp	eres	
Molded Case Bkrs	50%		2054	* *	5	\$1,900	В
Monded Gase Bins		on, Extent : Light, Arec ctrical Room		100%	3	Ψ1,200	J
Under Construction	50%						D
Raceway							
Conduit	80%		2024	\$46,600	1		В
Conduit	20%		2054	* *	1		В
	Recent Installation Location: 1st 1	on, Extent : Light, Ared Floor	a Affected :	100%			
Panelboards							
Fused Disc Sw	20%		2032	* *	5	\$700	В
Molded Case Bkrs	80%		2032	* *	5	\$3,000	В
Wiring	9.00/		2024	¢25 000	1		D
Thermoplastic Thermoplastic	80% 20%		2024 2054	\$35,800	1 1		B B
Thermoplastic		on, Extent : Light, Ared			1		Ь
	Location: 1st I		и пујестей.	10070			
Motor Controllers		<u> </u>					
Locally Mounted	100%		2041	* *	5	\$1,000	В
Ground						. ,	
Grounding Devices							
Not Accessible	100%						D
Lighting							
Interior Lighting							
Fluorescent	70%		2019	\$184,500	10	\$91,600	В
	•	ent : Moderate, Area A oughout The Building	Affected: 10	00%			
Fluorescent	30%		2024	\$79,100	10	\$39,300	В
i idoloscont		nt : Moderate, Area A <u>f</u>			10	Ψ32,300	D
	-	oughout The Building					

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 #: 2448

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Egress Lighting								
Emergency, Battery	50%			2024	\$24,600	10	\$17,200	В
Exit, Service	50%			2024	\$9,800	1		В
Exterior Lighting								
HID	100%			2024	\$7,300	10	\$400	В
Alarm								
Security System								
Under Construction	100%							D

Mechanical	C	Surrent Repair	Futur	e Replacement	М	aintenance		
System Component Type		nil Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating								
Energy Source								
Natural Gas	100%		2044	* *	1		В	
Conversion Equipment								
Radiant Heater	70%		2029	* *	2	\$46,300	В	
		vation, Extent : Light, Area	Affected	: 70%				
	Location : '	· ·						
	Explanation	n : Heating Equipment Is It	istalled A	And Maintained By	Tenants			
No Component	30%						D	
Terminal Devices								
No Component	70%						D	
No Component	30%						D	
Ventilation								
Exhaust Fans								
Wall Unit	10%		2024	\$20,500	2	\$400	В	
No Component	90%						D	
Plumbing								
H/C Water Piping								
Galv Iron/Steel		0-2 \$40,400	2029	* *	1		В	
	Corroded, Ex	xtent : Moderate, Area Affe	cted : 10	%				
	Location : I	Basement						
Sanitary Piping								
Cast Iron	100%		LIFE	* *	1		В	
Storm Drain Piping								
Cast Iron	100%		LIFE	* *	1		В	
Sump Pump(s)								
Submersible	100%		2018	\$6,300	4	\$1,600	В	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : I	Pit In The Street						
	Explanation	n : Not Accessible						

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

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

Mechanical	Current Repair	Future Repla	acement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Sewage Ejector(s)						
Electric	100%	2029	* *	4	\$2,500	В
	Other Observation, Extent: Lig	ht, Area Affected : 100%	ó			
	Location: Street Pit					
	Explanation: Not Accessible					
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Geared Traction	100%	LIFE	* *			C
	Other Observation, Extent: Lig	ht, Area Affected : 100%	ó			
	Location: 1-6					
	Explanation: 3 Units					
Fire Suppression						
Sprinkler						
Generic	100%	2044	* *	1-2	\$40,000	В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BUSH TERMINAL-MASTAS PUMP HOUSE - SHOP

Address : 41ST - 51ST STREET AND 1ST AVE.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0016.060 / 2283 Yr Built/Renovated : 1920 /

Area Sq Ft : 4,351 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 27-Jun-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 715 Lot : 1 BIN : 3345662

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$320,900	
Interior Architecture	\$104,700	
Electrical	\$42,700	\$74,500
Total	\$468,400	\$74,500
Priority A	\$320,900	
Priority B	\$147,500	\$74,500
Total	\$468,400	\$74,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture		\$4,000		\$7,900
Interior Architecture	\$40,900	\$1,100		
Electrical	\$42,200	\$700	\$600	\$15,400
Mechanical	\$11,900	\$200	\$400	\$800
Total	\$95,000	\$6,000	\$1,000	\$24,100
Priority A		\$4,000		\$7,900
Priority B	\$68,400	\$900	\$1,000	\$16,200
Priority C	\$26,600	\$1,100		
Total	\$95,000	\$6,000	\$1.000	\$24,100



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

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

Architecture	Current Repair			Futur	e Replacement	Maintenance						
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod				
xterior												
Exterior Walls	-					_	4.00					
Concrete Masonry Unit			****	LIFE	* *	5	\$300	A				
Masonry: Brick	90% Diagonal		\$101,200 tent : Severe, Area	LIFE Affected	**: 30%	5	\$8,800	A				
	Location	Location : South Facade										
	Misaligne	d/Bulging,	Extent : Severe, Ar	ea Affect	ed : 50%							
	Location	Location: South Facade										
	Worn/Ero	Worn/Eroded, Extent : Severe, Area Affected : 50%										
	Location	ı : South Fo	acade									
Metal Coiling Doors	5%			2029	* *	5	\$1,500	A				
Windows												
Metal Louvers	15%			2027	* *	10	\$4,000	Α				
Wood	85%	Now	\$95,300	2049	* *	5	\$17,900	Α				
	Air Infiltr	ation, Exter	nt : Severe, Area Af	fected : :	50%							
	Location	ı : Through	out									
	Thermally	Inefficient	, Extent : Severe, A	rea Affe	cted : 100%							
	Location	i : Through	out									
	Split/Crac	ked, Exten	t : Severe, Area Affe	ected : 50	0%							
	Location	ı : Through	out									
	_	erable, Exte 1 : Through	ent : Severe, Area A out	Affected :	50%							
Parapets												
Masonry: Brick			\$78,200 tent : Moderate, Ar	LIFE ea Affec	* * ted : 25%	5	\$4,800	A				
			: Moderate, Area	Affected	. 50%							
		ı : Through		ijjeereu	. 5070							
Roof												
Skylight, Metal/Glass	3%	Now	\$46,200	2054	* *			Α				
Zij iigiii, iizetal Ciass	Broken/M		nents, Extent : Mod		ea Affected : 25%							
	Corrosion		Extent : Moderate, A	Area Affe	cted : 25%							
Spray-on Foam	97%			2029	* *	5	\$14,200	A				
terior	2.70						,, - 30					
Floors												
Cast in Place Concrete	85%			LIFE	* *	5	\$10,900	C				
Panel/Paver: Cer/Brk	15%			2032	* *	5	\$2,000	C				

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 #: 2283

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Interior Walls								
Ceramic Tile	10%			2027	* *	5	\$300	C
Masonry: Brick	70%	Now	\$24,200	LIFE	* *			C
	Location Worn/Ero	: Through	: Severe, Area Affe					
Plaster	Location Water Pen	: Pump Ro	xtent : Severe, Ared	55		5	\$200	С
Ceilings								
Exposed Concrete	U	Now Crumbling, a: Through	\$14,300 Extent : Moderate out	LIFE , Area Aj	* * ffected : 20%	5	\$400	В
Exposed Struc: Wood	Location Split/Crac	: Through	: Severe, Area Affe	v				В

lectrical	Cur	rent Repair	Futur	e Replacement	M	aintenance	
vstem Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ver 600 Volts							
Transformers							
Liquid Filled	100% 2	-4 \$34,000	2044	* *	3		В
	On Extended L	ife, Extent : Moderate, Ar	ea Affec	ted : 100%			
	Location : Ele	ectrical Room					
Switchgear / Switchboard							
Air Circuit Breaker	100% 2	-4 \$3,700	2054	* *	3		В
	Obsolete Equip	ment, Extent : Moderate,	Area Af	fected : 100%			
	Location : Ele	ectrical Room					
	Other Observat	tion, Extent : Moderate, A	rea Affe	ected : 100%			
	Location : Ele	ectrical Room					
	Explanation:	Obsolete Equipment					
Feeders							
Cable	100%		2023	\$1,000	1		В
Raceway							
Conduit	100%		2024	\$3,600	1		В

Under 600 Volts

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

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

Asset #: 2283

Electrical	Curren	Futur	e Replacement	M			
ystem Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
nder 600 Volts							
Service Equipment							
Molded Case Bkrs	100%		2024	\$1,000	5	\$100	В
		, Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Electr						
	Explanation : No	Available Nameplate	Rating (Capacity			
Raceway	• 0 - 1						_
Conduit	30%		2034	* *	1		В
Conduit	70%		2024	\$15,400	1		В
Panelboards							
Molded Case Bkrs	50%		2032	* *	5	\$100	В
Molded Case Bkrs	50%		2023	\$5,700	5	\$100	В
Wiring							
Braided Cloth	20% 2-4	\$3,100	2049	* *	1		В
	_	xtent : Moderate, Are	a Affecte	d : 100%			
	Location: Shop A	And Electrical Room					
Thermoplastic	50%		2034	* *	1		В
Thermoplastic	30%		2024	\$4,600	1		В
Motor Controllers							
Locally Mounted	100%		2029	* *	5		В
round							
Grounding Devices							
Not Accessible	100%						D
tand-by Power							
Transfer Switches							
Automatic	100%		2022	\$11,000	1	\$1,300	В
Generators				·			
Diesel	100%		2020	\$74,500	1	\$1,700	В
	Other Observation	, Extent : Moderate, A	Area Affe			. ,	
	Location : Fire F	Pump Room					
		119 Kw Diesel Gener	ators				
Batteries							
Lead/Acid	100%		2016	\$600	5	\$200	В
Fuel Storage				·		·	
Main Tank	100%		2027	* *	5	\$100	В
		, Extent : Moderate, A		cted : 100%		, , , ,	
	Location : Pump		33				
	•	Main Tanks, No Avai	lable Nar	neplate Rating Ca	pacity		
ighting	· T			1			
Interior Lighting							
	100%		2019	\$7,200	10	\$3,600	В
Fluorescent						45,550	_
Fluorescent		t : Moderate, Area Aj	ffected : I	100%			

Alarm

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 #: 2283

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
larm						
Security System						
No Component	70%					D
Generic	30%	2019	\$3,700	1	\$500	В
	Other Observation, Extent : M	oderate, Area Affe	cted : 100%			
	Location: Pump House					
	Explanation: Intrusion Alar	m Only				
Fire/Smoke Detection						
Generic	100%	2019	\$42,700	1-3	\$2,800	В
	Other Observation, Extent : M	oderate, Area Affe	cted : 100%			
	Location : Throughout The B	Building				
	Explanation: Horns And Bea	lls				

Mechanical		Current Rep	air	Futur	e Replacement	M	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								
Electricity	20%			2034	* *	1		В
Natural Gas	80%			2034	* *	1		В
Conversion Equipment								
Radiant Heater	20%			2024	\$3,300	2	\$400	В
			nt : Light, Area	Affected	: 20%			
		: Pump Hous						
	Explanat	ion : Electrica	al Unit Heater I	n Pump I	House Only			
No Component	80%							D
Terminal Devices								
Fan Coil Unit/Heat	80%	Now	\$8,900	2034	* *	1	\$900	В
	•		: Severe, Area A					
	Location	: Obsolete G	as Fired Fan Co	oil Unit H	leaters In The Shop	9		
No Component	20%							D
Ventilation								
Exhaust Fans								
Wall Unit	30%			2024	\$1,700	2		В
No Component	70%							D
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		В
Water Heater								
Electric	100%			2019	\$600	4		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

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.

DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL-MASTAS PUMP HOUSE - SHOP

Mechanical		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
Fire Suppression Sprinkler								
Generic	100%			2034	* *	1-2	\$1,100	В
	100%			2034		1-2	\$1,100	ь
Fire Pump								
Generic	100%	Now	\$2,800	2039	* *	1	\$700	В
	Damaged,	Extent : Se	vere, Area Affecte	d: 100%	•			
	Location	: First Flo	or, Damaged By S	andy				

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BUSH TERMINAL-MASTAS RESTAURANT

Address : 41ST - 51ST STREET AND 1ST AVE.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0016.070 / 2154 Yr Built/Renovated : 1920 /

Area Sq Ft : 7,360 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 26-Jun-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 725 Lot : 1 BIN : 3345657

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$695,600	
Interior Architecture	\$57,400	\$94,000
Total	\$753,000	\$94,000
Priority A	\$695,600	
Priority B	\$57,400	\$94,000
Total	\$753,000	\$94,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$29,500			
Interior Architecture	\$36,500	\$15,100		
Total	\$66,000	\$15,100		
Priority A	\$29,500			
Priority B	\$33,400			
Priority C	\$3,100	\$15,100		
Total	\$66,000	\$15,100		



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

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

Asset #: 2154

Architecture	Current R	epair	Future Replacement Maintenance				
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior			•				
Exterior Walls Masonry: Brick	100% Now Jnt Mortar Miss/Erod Location : North Fa Rusting Masonry Sup	cade, Throughout t, Extent : Modera			5	\$19,100	A
	Location: Basemen Worn/Eroded, Extent Location: Througho	: Moderate, Area	Affected :	25%			
Windows							
Wood	100% Now Air Infiltration, Exten Location: Throughe Thermally Inefficient, Location: Throughe Split/Cracked, Extent Location: Throughe	out Extent : Severe, A out : Severe, Area Aff	rea Affec	eted : 100%	5	\$7,500	A
Parapets							
Metal Cornice	100% Now Corrosion/Rusting, E. Location: Througho Deteriorated Finish, I Location: Througho	out Extent : Severe, Ar					A
Roof							
Slate	75% Now Broken/Missing Elem Location: Over Kite Cracking/Crumbling, Location: Throughe Water Penetration, Ex Location: Over Kite	chen Extent : Severe, A out xtent : Severe, Area	rea Affec	ted : 20%			A
Not Accessible	25%						D
nterior							
Floors Panel/Paver: Cer/Brk	100%		2032	* *	5	\$30,200	С
Interior Walls Gypsum Board	30%		LIFE	* *	5	\$700	С
Plaster	50% Now Cracking/Crumbling, Location: Kitchen	\$3,100 Extent : Moderate	LIFE	* *	5	\$600	C
	Water Penetration, Ex Location: Through		a Affected	d : 25%			
SGFT/Glazed Masonry	20%		LIFE	* *			С

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

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

Asset #: 2154

Architecture		Current Re	epair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Interior									
Ceilings									
Plaster	20%	Now	\$33,400	LIFE	* *	5	\$1,700	В	
	Broken/M	Broken/Missing Elements, Extent: Severe, Area Affected: 50%							
	Location	ı : Kitchen							
	Water Per	Water Penetration, Extent: Severe, Area Affected: 50%							
	Location	ı : Kitchen							
Wood	80%	Now	\$57,400	LIFE	* *	5	\$94,000	В	
	Broken/M	issing Eleme	nts, Extent : Seve	re, Area A	Affected : 25%		, ,		
	Location	ı : Throughoi	ut						

Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Service Equipment							
Not Accessible	100%						D
		rvation, Extent : Light, Area	Affected	: 0%			
	Location :	Throughout					
	Explanation	on : Building Has Been Close	ed For Y	ears And Is Not Ac	ccessible		
Switchgear / Switchboard							
Not Accessible	100%						D
Raceway							
Not Accessible	100%						D
Panelboards							
Not Accessible	100%						D
Wiring							
Not Accessible	100%						D
Motor Controllers							
Not Accessible	100%						D
Ground							
Grounding Devices							
Not Accessible	100%						D
Lighting							
Interior Lighting							
Not Accessible	100%						D
Egress Lighting							
Not Accessible	100%						D
Alarm							
Fire/Smoke Detection							
Not Accessible	100%						D

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

Heating

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 #: 2154

Mechanical		Current l	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Not Accessible	100%							D
			Extent : Light, Area	Affected	!: 0%			
		ı : Through						
	Explana	tion : Build	ling Has Been Clos	ed For M	1any Years - No A	ccess		
Conversion Equipment								
Not Accessible	100%							D
Distribution								
Not Accessible	100%							D
Terminal Devices								
Not Accessible	100%							D
Air Conditioning								
Energy Source								
Not Accessible	100%							D
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)	/0							
Not Accessible	100%							D
Sewage Ejector(s)	100/0							
Not Accessible	100%							D
Backflow Preventer	100/0							ע
Not Accessible	100%							D
	100%							ע
Fixtures Not Accessible	100%							D
Fire Suppression	100%							ע

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.

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

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Fire Suppression				
Standpipe				
Not Accessible	100%			D
Fire Pump				
Not Accessible	100%			D
Chemical System				
Not Accessible	100%			D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BUSH TERMINAL-MASTAS UNIT C - WAREHOUSE

Address : 41ST - 51ST STREET AND 1ST AVE.

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 162,409 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 26-Jun-2013 Landmark Status : NONE

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

Block : 715 Lot : 1 BIN : 3345581

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,859,100	\$1,060,200
Interior Architecture	\$1,424,500	\$438,600
Electrical	\$392,300	\$284,500
Mechanical	\$45,300	\$60,300
Total	\$3,721,200	\$1,843,500
Priority A	\$1,859,100	\$1,060,200
Priority B	\$667,200	\$494,500
Priority C	\$1,194,900	\$288,900
Total	\$3.721.200	\$1,843,500

Total	\$84,200	\$31,900	\$22,300	\$69,000
Priority C			\$2,400	
Priority B	\$84,200	\$11,300	\$19,900	\$69,000
Priority A		\$20,600		
Total	\$84,200	\$31,900	\$22,300	\$69,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Mechanical	\$8,000	\$6,400	\$14,200	\$30,400
Electrical	\$72,200	\$900	\$1,700	\$28,600
Interior Architecture			\$2,400	\$6,000
Exterior Architecture		\$20,600		
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

Asset #: 2155

rchitecture	Cı	ırrent Re	pair	Futur	e Replacement	M	Maintenance				
ystem Component Type		l Date I Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
kterior											
Exterior Walls	000/ N	Torr.	¢546 400	LIEE	* *	5	\$05.500	Δ.			
Masonry: Brick	Horizontal Cr Location : B Jnt Mortar Mi Location : T	ulkheads iss/Erod, hroughou Extent:	Moderate, Area	e, Area A	cted : 20% Affected : 50%	5	\$95,500	A			
Metal Coiling Doors	10% N	low	\$228,400	2029	* *	5	\$16,600	A			
	Location : W Deformed/Dev Location : W	Vest Faca nted, Exte Vest Faca	ent : Moderate, A de	rea Affec	eted : 25%						
	=		t : Moderate, Are	a Affecte	ed : 25%						
Windows	Location : W	est Faca	de								
Windows Steel	100% N	low	\$911,000	2049	* *	5	\$115,000	A			
	Location : T Corrosion/Ru. Location : T	hroughou sting, Ext hroughou fficient, E	ent : Severe, Ared t Extent : Severe, A	a Affecte	d : 50%						
Parapets											
Masonry: Brick	Cracking/Cru Location : T	hroughou Extent :	Moderate, Area	-	-	5	\$10,000	A			
Masonry: Limestone	5%			LIFE	* *	5	\$700	A			
Roof							, , , , ,				
Metal Panel	10%			2037	* *	10	\$20,600	A			
Skylight, Metal/Glass	5%			2024	\$786,000	10	\$18,700	A			
Spray-on Foam	85%			2029	* *	5	\$127,200	A			
terior											
Floors	220/			LIDE	* *	_	¢120.500	C			
Cast in Place Concrete Ceramic Tile	23% 2%			LIFE	**	5 5	\$120,500 \$4,800	C C			
Wood		low	\$1,123,000	2033 2039	* *	5 5	\$4,800 \$168,400	C			
Wood		Finish, Ex	ctent : Severe, Ar			3	\$100,400	C			
	Location: F	ourth Flo									
			Moderate, Area	Affected .	: 50%						
	Location: F	ourth Flo	or								

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

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

Asset #: 2155

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$800	C
Gypsum Board	10%			LIFE	* *	5	\$2,300	C
Masonry: Brick	50%			LIFE	* *			C
Masonry: Brick	25%	Now	\$71,900	LIFE	* *			C
	Worn/Eroded, Extent : Severe, Area Affected : 25%							
	Location	ı : First And	d Fourth Floors					
Plaster	10%			LIFE	* *	5	\$1,200	С
Ceilings								
AcousTileSusp.Lay-In	5%			2029	* *	5	\$12,000	В
Exposed Struc: Wood	25%			LIFE	* *			В
Gypsum Board	10%	Now	\$229,600	LIFE	* *	5	\$29,900	В
•	Broken/Mi	issing Elem	ents, Extent : Seve	re, Area	Affected : 30%			
	Location	a : First Flo	oor					
	Punct/Tea	r/Impact D	amage, Extent : Se	vere, Are	ea Affected : 35%			
		a : First Flo			50			
Gypsum Board	40%			LIFE	* *	5	\$119,700	В
Plaster	20%			LIFE	* *	5	\$29,900	В

Electrical		Current F	Repair	Future	Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts								
Service Equipment								
Under Construction	100%							D
Transformers								
Liquid Filled	50%	2-4	\$17,000	2044	* *	3	\$700	В
		-	tent : Moderate, A	rea Affect	ed : 100%			
		: Electrico						
		Other Observation, Extent : Moderate, Area Affected : 100% Location : Electrical Room						
	Location	: Electrico	al Room					
	Explana	tion : Six 3	00 Kva 4160v-480v	v/277v				
Under Construction	50%							D
Feeders								
Busway	100%			2022	\$69,100	1		В
Raceway								
Tray	100%			2022	\$3,600	1		В
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	0-2	\$29,200	2054	* *	5	\$300	В
	Obsolete 1	Obsolete Equipment, Extent : Moderate, Area Affected : 100%						
	Location: Electrical Room							
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location: Electrical Room							
	Explana	tion : Obso	lete Equipment					

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 #: 2155

Electrical	Curre	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail D Total (Yea	ate Estimated Cost rs)	Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Under 600 Volts									
Switchgear / Switchboard									
Fused Knife Sw	100% 0-2	. ,	2054	* *	5	\$300	В		
		ent, Extent : Moderat	e, Area Affec	ted : 100%					
	Location : Elec		Amag Affacts	1.1000/					
	Location : Elec	n, Extent : Moderate,	Area Ajjecie	a: 100%					
		Obsolete Equipment							
Raceway	Ехрининон . С	osoieie Equipmeni							
Conduit	100%		2024	\$79,000	1		В		
Panelboards				, ,					
Fused Disc Sw	20%		2023	\$10,300	5	\$700	В		
Molded Case Bkrs	30%		2032	* *	5	\$1,300	В		
Molded Case Bkrs	50%		2023	\$25,800	5	\$2,100	В		
Wiring									
Braided Cloth	70% 2-4	+,	2049	* *	1		В		
	_	Extent : Moderate, Ar	ea Affected :	100%					
	Location : Thro	ughout The Building							
Thermoplastic	30%		2024	\$18,500	1		В		
Ground									
Grounding Devices									
Not Accessible	100%						D		
Lighting									
Interior Lighting	700/		2010	\$20 <i>c</i> 000	10	¢102.700	D		
Fluorescent	70%	ut Madausta Auss	2019	\$206,900	10	\$102,700	В		
	_	nt : Moderate, Area A ughout The Building	Ајјества : 100	170					
Element		ugnoui The Building	2024	¢72.000	10	¢27,700			
Fluorescent	25%	t Madanata Anaa At	2024	\$73,900	10	\$36,700	В		
	-	t : Moderate, Area Aj ughout The Building	jeciea : 100%	0					
		ugnoui The Building	2010	¢14.000	1.0	Φ7.200	D.		
Fluorescent	5%	n Entant Madanata	2019	\$14,800	10	\$7,300	В		
	Location: 1st F	n, Extent : Moderate,	<i>Атей Ајјесіе</i>	a. 100%					
		ompact Fluorescent l	Tioht Fixture	c					
Egress Lighting	Ехрининон . С	ompaci i morescem i	ngili I ixilii c.	,					
Emergency, Battery	50%		2029	* *	10	\$19,300	В		
Exit, Service	50%		2029	* *	1	Ψ1>,000	В		
Exterior Lighting									
HID	100%		2019	\$8,300	10	\$500	В		
Alarm						•			
Security System									
No Component	95%						D		
Generic	5%		2024	\$23,300	1	\$3,000	В		
	Other Observation, Extent: Moderate, Area Affected: 100%								
		Location: 2nd Floor							
	Explanation : C	CTV Surveillance	Camera						

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 #: 2155

Mechanical	Current Repair	Future Re	eplacement	M				
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Est	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Heating								
Energy Source								
Natural Gas	100%	2034	* *	1		В		
Conversion Equipment								
Furnace	20%	2029	**	1	\$15,800	В		
	Other Observation, Extent : Lig Location : Roof	ht, Area Affected : 50)%					
	Explanation : 2 Gas Fired Pac Only	ckaged Rooftop Air C	Conditioning Ur	iits Servi	ing The 4th Floor			
Radiant Heater	10%	2029	* *	2	\$7,400	В		
	Other Observation, Extent : Lig	ht, Area Affected : 10	00%					
	Location: 4th Floor In Tenant Spaces And Corridors							
	Explanation: Gas Fired Rezn	ors Furnaces						
No Component	70%					D		
Air Conditioning								
Energy Source								
Electricity	100%	2040	* *	1		В		
Conversion Equipment								
Ext Pkg Unit -	20%	2029	* *	2	\$2,000	В		
Heating/Cooling								
No Component	80%					D		
Ventilation								
Distribution								
Ductwork/Diffusers	50%	LIFE	* *	2-5	\$44,600	В		
No Component	50%					D		
Exhaust Fans								
Roof	50%	2024	\$60,300	2	\$2,500	В		
No Component	50%					D		
Plumbing								
H/C Water Piping								
Galv Iron/Steel		5,300 2029	* *	1		В		
	Corroded, Extent : Moderate, A Location : 1st Floor	rea Affected : 15%						
Water Heater								
Electric	100%	2019	\$23,500	4	\$900	В		
Sanitary Piping								
Cast Iron	100%	LIFE	* *	1		В		
Storm Drain Piping								
Cast Iron	100%	LIFE	* *	1		В		
Fixtures								
Generic	100%					В		
Vertical Transport Elevators								
Geared Traction	100%	LIFE	* *			C		
	Other Observation, Extent: Lig Location: 1-4	ht, Area Affected : 10	00%					
	Explanation : One Freight Ele	evator						

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.

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL-MASTAS UNIT C - WAREHOUSE

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
Fire Suppression Sprinkler Generic	100%	2034 **	1-2 \$44,800	В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BUSH TERMINAL-MASTAS UNIT D - WAREHOUSE

Address : 41ST - 51ST STREET AND 1ST AVE.

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 36,768 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 26-Jun-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 715 Lot : 1 BIN : 3378186

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,383,300	\$211,500
Interior Architecture	\$675,500	\$189,900
Electrical	\$53,600	\$53,600
Mechanical		\$41,600
Total	\$2,112,300	\$496,600
Priority A	\$1,383,300	\$211,500
Priority B	\$311,900	\$95,200
Priority C	\$417,100	\$189,900
Total	\$2,112,300	\$496,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture				
Electrical	\$25,200	\$700	\$500	\$29,000
Mechanical	\$26,400	\$6,500	\$2,300	\$15,200
Total	\$51,700	\$7,100	\$2,800	\$44,200
Priority A				
Priority B	\$51,700	\$7,100	\$2,800	\$44,200
Total	\$51,700	\$7,100	\$2,800	\$44,200



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

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

Asset #: 2156

chitecture	Current Rep	M					
tem Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
erior							
Exterior Walls Masonry: Brick	90% Now Jnt Mortar Miss/Erod, I Location: Throughout Spalling, Extent: Mode Location: East Facad Vertical Cracks, Extent Location: West Facad	t rate, Area Affect le, West Facade : Severe, Area A	ed : 15%	5	5	\$43,100	A
	Worn/Eroded, Extent : I Location : Throughout		Affected .	50%			
Metal Coiling Doors	10% Now Corrosion/Rusting, Exte Location: East Facad Deformed/Dented, Exter Location: East Facad	le, West Facade nt : Moderate, A			5	\$7,500	A
Windows							
	Air Infiltration, Extent: Location: Throughout Corrosion/Rusting, Exte Location: Throughout Glazing Broken/Cracked Location: Throughout Thermally Inefficient, E. Location: Throughout	t ent : Severe, Arec t d, Extent : Sever t xtent : Severe, A	ı Affected e, Area A	d : 50% ffected : 50%			
Parapets Cast Stone/Terra Cotta	5%		LIFE	* *	5	\$6,200	A
Masonry: Brick	95% Now Jnt Mortar Miss/Erod, I Location: East Facad Misaligned/Bulging, Ex. Location: South Faca Worn/Eroded, Extent: I Location: Throughous	e, North Facade tent : Moderate, de Moderate, Area A	LIFE e, Area A Area Aff	* * Affected : 50% ected : 10%	5	\$6,300 \$15,400	A
Roof		•					
Spray-on Foam	100% Now Drains Inad/Misposn, E Location: West Side Ponding, Extent: Seven Location: West Side Water Penetration, Exte Location: Storage At Other Observation, Exte Location: West Side	e, Area Affected int : Moderate, A West Side	: 25% rea Affe	cted : 20%	5	\$108,500	A

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.

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

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

Asset #: 2156

Architecture	Current	Current Repair			M				
ystem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
terior									
Floors									
Cast in Place Concrete	100% Now Broken/Missing Eler Location: First Fl		LIFE re, Area	* * Affected : 15%	5	\$189,900	С		
	Misaligned/Bulging, Extent : Moderate, Area Affected : 25% Location : First Floor								
	Worn/Eroded, Exten Location : First Fl		ected : 50	0%					
Interior Walls									
Masonry: Brick	100% Now Broken/Missing Electrocation: Through	hout					С		
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20% Location : Throughout								
	Worn/Eroded, Extent : Moderate, Area Affected : 25% Location : Throughout								
Ceilings									
Exposed Struc: Wood	75%		LIFE	* *			В		
Exposed Struc: Wood	25% Now	\$258,300	LIFE	* *			В		
	Broken/Missing Elements, Extent: Severe, Area Affected: 25%								
	Location: West Side								
	Split/Cracked, Extent: Severe, Area Affected: 25%								
	Location: West Side								
	Other Observation, Extent: Severe, Area Affected: 25%								
	Location : West Side								
	Explanation : Sect	ion Of Ceiling Colla	psed						

Electrical		Current Repair		Future Replacement		Maintenance			
ystem Component Type	% of Total	Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
nder 600 Volts									
Raceway									
Conduit	100%			2024	\$22,000	1		В	
Panelboards									
Fused Disc Sw	50%			2032	* *	5	\$400	В	
Fused Knife Sw	30%	0-2	\$24,800	2049	* *	5	\$100	В	
	On Extend	ed Life, Exter	nt : Moderate, Ar	ea Affec	ted : 100%				
	Location	: Throughou	t The Building						
Molded Case Bkrs	10%			2023	\$1,700	5	\$100	В	
Molded Case Bkrs	10%			2032	* *	5	\$100	В	
Wiring									
Thermoplastic	100%			2024	\$15,400	1		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.

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

Asset #: 2156

Electrical	Current Repair	Future R	Future Replacement		Maintenance				
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Lighting									
Interior Lighting									
Fluorescent	50%	2024	\$53,600	10	\$26,600	В			
	T-8 Lamps, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Buil	lding							
Fluorescent	50%	2019	\$53,600	10	\$26,600	В			
	T-12 Lamps, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Buil	ding							
Exterior Lighting									
HID	100%	2019	\$1,900	10	\$100	В			
Alarm									
Security System									
No Component	70%					D			
Generic	30%	2024	\$31,600	1	\$4,100	В			
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location: Outside								
	Explanation: C C T V Surveillance Cameras								

Mechanical	Current Re	epair	Futur	e Replacement	M		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Natural Gas	100%		2044	* *	1		В
Conversion Equipment							
Radiant Heater	100%		2029	* *	2	\$26,900	В
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location: Throughout	ut					
	Explanation: 10 Uni	its					
Ventilation							
Exhaust Fans							
Wall Unit	50%		2024	\$41,600	2	\$900	В
No Component	50%						D
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100% 0-2	\$16,400	2029	* *	1		В
	Corroded, Extent: Mo	derate, Area Affec	ted: 309	%			
	Location: Throughout	ut					
	Leak Evident, Extent:	Moderate, Area A	ffected :	5%			
	Location : Water Ma	in Connection Pip	oe -				
Water Heater							
Electric	100%		2019	\$8,500	4	\$300	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В

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

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

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	\$7,700	LIFE	* *	1		В
	Corroded,	Extent: M	oderate, Area Affe	cted : 10	%			
	Location	: Various	Locations					
Fixtures								
Generic	100%							В
Fire Suppression								
Sprinkler								
Generic	100%			2034	* *	1-2	\$16,200	В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BUSH TERMINAL-MASTAS UNIT G - WAREHOUSE

Address : 41ST - 51ST STREET AND 1ST AVE.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0016.020 / 2428 Yr Built/Renovated : 1902 /

Area Sq Ft : 316,940 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 28-Jun-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3,5,7

Block : 725 Lot : 1 BIN : 3378185

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$2,466,200	\$351,700
Interior Architecture	\$945,500	\$1,059,900
Mechanical	\$179,400	\$67,500
Total	\$3,591,200	\$1,479,100
Priority A	\$2,466,200	\$351,700
Priority B	\$902,800	\$141,600
Priority C	\$222,100	\$985,800
Total	\$3,591,200	\$1,479,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$20,800			
Interior Architecture		\$3,000		
Mechanical	\$9,000	\$5,400	\$1,000	\$5,400
Elevators/Escalators	\$6,900	\$6,900	\$6,900	\$6,900
Total	\$36,700	\$15,300	\$7,900	\$12,300
Priority A	\$20,800			
Priority B	\$15,900	\$12,300	\$7,900	\$12,300
Priority C		\$3,000		
Total	\$36,700	\$15,300	\$7,900	\$12,300



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

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

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
terior									
Exterior Walls						_	*= 400		
Concrete Masonry Unit	5%	3.7	#202 000	LIFE	* *	5	\$7,400	A	
Masonry: Brick	Location	Diagonal Cracks, Extent : Severe, Area Affected : 50% Location : At Elevator Shaft							
	Location	ı : At Eleva	-						
		ded, Extent 1 : West Fac	: Severe, Area Affe cade	ected : 2.	5%				
Masonry: Brick	70%			LIFE	* *	5	\$166,300	A	
Metal Coiling Doors	15%		\$383,200	2029	* *	5	\$55,700	A	
	Location Deformed	ı : Through	xtent : Moderate, A						
Windows									
Aluminum	10%			2040	* *	5	\$1,900	A	
Steel	-		\$839,800 nt : Severe, Area Af out	2049 fected : :	* *	5	\$106,000	A	
	Corrosion/Rusting, Extent : Severe, Area Affected : 25% Location : Throughout								
	Location	ı : Through							
		erable, Exte n : Various	ent : Severe, Area A Locations	ffected :	25%				
Parapets	5 0/	3.7	Φ20.000	LIDE	* *	_	Φ4. 5 00		
Cast Stone/Terra Cotta	Location	issing Elem ı : Coping	\$20,800 eents, Extent : Seve d, Extent : Moderat		Affected : 25%	5	\$4,500	A	
		ı : Coping	i, Esterii : moderai	c, 11, cu 1	ijjeerea : 5070				
Masonry: Brick	95% Cracking/	Now	\$179,400 Extent : Moderate	LIFE , Area Ą	* * ffected : 20%	5	\$10,900	A	
		ded, Extent 1 : Through	: Moderate, Area A out	Affected	: 25%				

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

Asset #: 2428

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
Exterior								
Roof								
Modified Bitumen	98%		\$712,600	2034	* *			Α
		Ponding, Extent : Moderate, Area Affected : 10%						
	Location	Location: Throughout						
	Punct/Tea	r/Impact D	amage, Extent : Mo	oderate,	Area Affected : 20	%		
	Location	Location: Throughout						
	Worn/Ero	Worn/Eroded, Extent : Moderate, Area Affected : 25%						
	Location	i : Through	out					
Skylight, Metal/Glass	2%	Now	\$147,600	2034	* *			A
• • •	Broken/M	issing Elen	ents, Extent : Mod	erate, Ar	ea Affected : 30%			
	Location	Location : Over Elevator Shaft						
	Corrosion	Corrosion/Rusting, Extent : Moderate, Area Affected : 30%						
		_	evator Shaft	33				
nterior								
Floors								
Cast in Place Concrete	95%	Now	\$222,100	LIFE	* *	5	\$985,800	C
	Cracking/	Cracking/Crumbling, Extent: Moderate, Area Affected: 25%						
	Location	a : First Flo	oor					
Vinyl Tile	5%			2029	* *	3	\$8,900	С
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$3,100	C
Masonry: Brick	95%			LIFE	* *			C
Ceilings								
Exposed Concrete	100%	Now	\$723,400	LIFE	* *	5	\$74,100	В
	Cracking/	Crumbling,	Extent : Light, Are	ea Affect	ed : 10%			
	Location	: Around	Beams					

lectrical	Current Repair	Futu	re Replacement	Maintenance	
ystem Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
ver 600 Volts					
Service Equipment					
Not Accessible	100%				D
	Other Observation, Extent: Ligh	t, Area Affected	l : 0%		
	Location:				
	Explanation : Abandoned Build	ing			
Transformers					
Not Accessible	100%				D
Switchgear / Switchboard					
Not Accessible	100%				D
Feeders					
Not Accessible	100%				D
Raceway					
Not Accessible	100%				D

Under 600 Volts

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

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

Asset #: 2428

Electrical		Current F	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Not Accessible	100%							D
Transformers								
Not Accessible	100%							D
Switchgear / Switchboard								
Not Accessible	100%							D
Raceway								
Not Accessible	100%							D
Panelboards								
Not Accessible	100%							D
Wiring								
Not Accessible	100%							D
Motor Controllers								
Not Accessible	100%							D
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								_
Not Accessible	100%							D
Egress Lighting								
Not Accessible	100%							D

lechanical	Current Repair	Future Re	placement	M	aintenance				
ystem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
eating									
Energy Source									
Natural Gas	15%	2044	* *	1		В			
	Other Observation, Extent : Light,	Area Affected: 159	%						
	Location: Throughout	Location: Throughout							
	Explanation : Only 1st Floor Is (Not Accessible	Currently Occupied	- 2nd Thru 7t	h Floors	Are Vacant And				
No Component	85%					D			
Conversion Equipment									
Radiant Heater	15%	2029	* *	2	\$22,100	В			
	Other Observation, Extent : Light,	Area Affected: 159	%						
	Location : First Floor								
	Explanation : Heating Equipmen	nt Is Installed And M	Aaintained By	Tenants					
No Component	85%					D			
No Component Terminal Devices	85%					D			
	10%	2024	\$67,500	1	\$10,200	D B			

Plumbing

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

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

Mechanical	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100% Now	\$179,400	2029	* *	1		В
		Moderate, Area Affe	cted : 20	%			
	Location : 1st Flo	or & Throughout					
Sanitary Piping							_
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							_
Cast Iron	100%		LIFE	* *	1		В
Sump Pump(s)							
Submersible	100%		2016	\$6,300	4	\$2,500	В
Sewage Ejector(s)							_
Electric	100%		2024	\$10,500	4	\$2,500	В
Fixtures							
Generic	100%						В
Vertical Transport							
Elevators	400-						~
Geared Traction	100%		LIFE	**			C
		Extent: Light, Area	Affected	: 100%			
	Location: 1-7						
	Explanation : One	e Unit					
Fire Suppression							
Standpipe	1000/						ъ
Not Accessible	100%						D
Sprinkler	1000/						_
Not Accessible	100%						D
Fire Pump	100						
Not Accessible	100%						D
Chemical System	1.0004						
Not Accessible	100%						D

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BUSH TERMINAL-OTHERS BUILDING A - WAREHOUSE

Address : 41ST - 51ST STREET AND 1ST AVE.

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 208,400 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 27-Jun-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2,3,4,5

Block : 715 Lot : 1 BIN : 3378187

CAPITAL	FY 2016 - 2019	FY 2020 - 2025		
Exterior Architecture	\$2,104,200	\$641,800		
Interior Architecture	\$1,986,000	\$644,400		
Electrical	\$38,300	\$673,200		
Mechanical	\$100,900	\$96,000		
Total	\$4,229,400	\$2,055,400		
Priority A	\$2,104,200	\$641,800		
Priority B	\$436,500	\$1,079,300		
Priority C	\$1,688,700	\$334,300		
Total	\$4,229,400	\$2,055,400		

Total	\$64,000	\$29,200	\$38,400	\$69,200
Priority C			\$7,800	
Priority B	\$47,300	\$29,200	\$30,700	\$58,700
Priority A	\$16,700			\$10,600
Total	\$64,000	\$29,200	\$38,400	\$69,200
Elevators/Escalators	\$14,800	\$14,800	\$14,800	\$14,800
Mechanical	\$14,300	\$9,700	\$13,500	\$9,700
Electrical	\$18,200	\$4,800	\$2,300	\$34,200
Interior Architecture			\$7,800	
Exterior Architecture	\$16,700			\$10,600
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

Asset #: 2157

rchitecture	Current	Current Repair		Future Replacement		Maintenance	
ystem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior							
Exterior Walls					_		
Cast in Place Concrete	5% Now	\$36,100	LIFE	**	5	\$33,800	Α
	Cracking/Crumbling Location: Bulkhed		e, Area Afj	tected: 10%			
	Spalling, Extent : Li		15%				
	Location : Bulkhed		13/0				
Masangu Priek	90%		LIFE	* *	5	\$121,600	Λ
Masonry: Brick Metal Coiling Doors	5%		2029	* *	5	\$121,000	A A
Windows	370		2029			\$21,100	Λ
Aluminum	5%		2040	* *	5	\$1,500	A
Steel	95% Now	\$1,406,100	2049	* *	5	\$177,500	A
	Air Infiltration, Exte		Affected	: 50%		, ,	
	Location: Throug	hout					
	Corrosion/Rusting,	Extent : Moderate, A	Area Affec	rted : 25%			
	Location: Throug	hout					
	Glazing Broken/Cra		rate, Ared	a Affected : 25%			
	Location: Throug						
	Thermally Inefficien		e, Area Af	fected : 100%			
	Location : Throug	hout					
Parapets	0.50/		LIDE	* *	-	Ф10, с00	
Masonry: Brick	95%	Φ1 < 7 00	LIFE	* *	5	\$10,600	A
Masonry: Limestone	5% Now	\$16,700	LIFE		5	\$700	A
	Misaligned/Bulging Location: Coping	Exieni . Severe, Ar	еи Ајјесте	a. 2076			
	Caulking Deterioral	end Frient . Severe	Area Affa	octed · 50%			
	Location : Coping	eu, Laieni . Bevere,	717 eu 71jje	cieu . 5070			
	Other Observation,	Extent : Moderate. /	Area Affe	cted : 30%			
	Location : Coping						
	Explanation : Cov	ered With Tar					
Roof							
Modified Bitumen	98% Now	\$661,900	2034	* *			A
	Miss/Damaged Flas		erate, Are	ea Affected : 25%			
	Location : Section						
	Seams Open/Split, E Location : Section		rea Affect	ed : 25%			
	Water Penetration, Location: Fifth Fi		Area Affec	ted : 15%			
	Worn/Eroded, Exten		Affected :	50%			
	Location: Through		-,,, -,,, -,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Skylight, Metal/Glass	2%		2024	\$342,700	10	\$8,200	A
· · · · · · · · · · · · · · · · · · ·	270		2027	Ψ3π2,700	10	Ψ0,200	. 1

Interior

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

Asset #: 2157

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
terior									
Floors			*10= 100			_	4404.000	~	
Cast in Place Concrete	15%	Now	\$137,600	LIFE	**	5	\$101,800	C	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25% Location : Loading Areas								
		_		A CC-	-4-1-250/				
			ctent : Moderate, A	rea А IJес	:tea : 25%				
		: Loading	: Moderate, Area	Affaatad	. 250/				
		uea, Extent : Loading		Ајјестей	. 2370				
Ceramic Tile	5%	. Louing	717 Cus	2033	* *	5	\$15,500	C	
Wood	80%	Now	\$1,551,100	2039	* *	5	\$232,600	C	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Deflection Evident, Extent: Moderate, Area Affected: 25% Location: Throughout								
			Extent : Moderate,	Area Afi	fected : 50%				
	Location : Throughout								
		_	: Moderate, Area	Affected	: 25%				
	•	: Second I		33					
		ded, Extent : Second I	: Moderate, Area I Floor	Affected	: 25%				
Interior Walls									
Concrete Masonry Unit	10%			LIFE	* *	5	\$1,600	C	
Gypsum Board	10%			LIFE	* *	5	\$2,300	C	
Masonry: Brick	65%			LIFE	* *			C	
Plaster	15%			LIFE	* *	5	\$1,800	C	
Ceilings									
Exposed Struc: Steel	10%			LIFE	* *			В	
Gypsum Board	10%	Now	\$297,300	LIFE	* *	5	\$38,800	В	
			nents, Extent : Seve	re, Area	Affected : 50%				
		: First Flo	por						
Gypsum Board	70%			LIFE	* *	5	\$271,300	В	
Plaster	10%			LIFE	* *	5	\$19,400	В	

ectrical	Current Repair	Future Repl	Future Replacement		Maintenance	
stem Component Type	% of Fail Date Estimated Con Total (Years)	st Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
der 600 Volts	•	•				
Service Equipment						
Fused Disc Sw	100%	2034	* *	5	\$900	В
	Other Observation, Extent : Moderat	e, Area Affected :	100%			
	Location: Electrical Room					
	Explanation : Main Service Switche	es Rated @ 1- 600	Amperes An	ıd 2- 400	Amperes	
Switchgear / Switchboard						
Fused Disc Sw	100%	2034	* *	5	\$900	В
Raceway						
Conduit	100%	2034	* *	1		В

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

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

Asset #: 2157

Electrical		Current F	Repair	Futur	Future Replacement Maintenance		aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Under 600 Volts									
Panelboards									
Fused Disc Sw	10%			2032	* *	5	\$500	В	
Fused Toggle Switch	10%	2-4	\$10,300	2049	* *	5	\$200	В	
		-	tent : Moderate, Ar	ea Affec	ted : 100%				
	Location	: Through	out The Building						
Molded Case Bkrs	80%			2032	* *	5	\$4,400	В	
Wiring									
Braided Cloth	10%	2-4	\$5,500	2049	* *	1		В	
	Insulation	Aged, Exte	nt : Moderate, Are	a Affecte	ed : 100%				
	Location	: Through	out The Building						
Thermoplastic	90%			2034	* *	1		В	
Motor Controllers									
Locally Mounted	100%			2029	* *	5	\$1,400	В	
Ground							·		
Grounding Devices									
Not Accessible	100%							D	
Lighting									
Interior Lighting									
Fluorescent	80%			2024	\$306,200	10	\$152,000	В	
	T-8 Lamps	T-8 Lamps, Extent : Moderate, Area Affected : 100%							
	Location	: Through	out The Building						
Fluorescent	10%			2019	\$38,300	10	\$19,000	В	
	T-12 Lam	T-12 Lamps, Extent : Moderate, Area Affected : 100%							
	Location	: Through	out The Building						
HID	10%			2024	\$10,600	10	\$700	В	
Egress Lighting					, -,		, , , , , ,		
Emergency, Battery	50%			2024	\$35,700	10	\$25,000	В	
Exit, Service	50%			2024	\$14,300	1	, ,	В	
Exterior Lighting					, ,				
HID	100%			2019	\$10,600	10	\$600	В	
Alarm					. ,		· · · · · ·		
Security System									
No Component	70%							D	
Generic	30%			2024	\$179,300	1	\$23,400	В	
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location	: Through	out The Building						
	Explana	tion : C C T	TV Surveillance C	ameras					

Mechanical	Current I	Repair F	Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)		ear Estimated C FY		Cycle E (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Electricity	10%	20)44	* *	1		В
Natural Gas	90%	20)44	* *	1		В

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

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

Mechanical	Cur	rent Repair	Futur	Future Replacement Maintenance		aintenance		
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating								
Conversion Equipment								
Furnace	40%		2024	\$96,000	1	\$41,000	В	
Hot Water Boiler	10%		2044	* *	1	\$10,200	В	
	Other Observat	ion, Extent : Light, Area	ı Affected	l : 100%				
	Location : 2nd							
	Explanation : Damaged By I	One Unit Serves Offices Sandy	on 2nd	Floor, Installed To	Replace	Two Units		
No Component	50%						D	
Terminal Devices								
Convector/Radiator	10%		2037	* *	1	\$6,700	В	
No Component	90%						D	
Air Conditioning								
Energy Source								
Electricity	100%		2040	* *	1		В	
Conversion Equipment								
Window/Wall Unit	25%		2019	\$100,900	1		В	
No Component	75%						D	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%		2029	* *	1		В	
Sanitary Piping								
Cast Iron	100%		LIFE	* *	1		В	
Storm Drain Piping								
Cast Iron	100%		LIFE	* *	1		В	
Sewage Ejector(s)								
Electric	100%		2032	* *	4	\$2,500	В	
Fixtures								
Generic	100%						В	
Vertical Transport								
Elevators							_	
Geared Traction	100%		LIFE	**			C	
		ion, Extent : Light, Area	ı Affectea	l : 100%				
	Location: 1-5							
	Explanation :	3 Freight - One Is Not I	n Service	?				
Fire Suppression								
Sprinkler	1000/		20.4.1	* *	1.2	##0.000	ъ	
Generic	100%		2044	**	1-2	\$58,000	В	

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BUSH TERMINAL-OTHERS BUILDING B - WAREHOUSE

Address : 41ST - 51ST STREET AND 1ST AVE.

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 267,120 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 27-Jun-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5,6

Block : 715 Lot : 1 BIN : 3378188

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,475,400	\$232,700
Interior Architecture	\$1,341,500	\$421,000
Electrical	\$1,494,200	\$561,200
Mechanical	\$317,700	
Total	\$4,628,800	\$1,214,900
Priority A	\$1,475,400	\$232,700
Priority B	\$1,811,900	\$561,200
Priority C	\$1,341,500	\$421,000
Total	\$4,628,800	\$1,214,900

Total	\$149,100	\$73,100	\$80,700	\$152,200
Priority C		\$9,000	\$9,000	
Priority B	\$142,800	\$64,100	\$71,700	\$129,000
Priority A	\$6,300			\$23,200
Total	\$149,100	\$73,100	\$80,700	\$152,200
Elevators/Escalators	\$23,700	\$23,700	\$23,700	\$23,700
Mechanical	\$69,100	\$33,000	\$37,400	\$33,000
Electrical	\$50,000	\$7,500	\$10,600	\$63,300
Interior Architecture		\$9,000	\$9,000	\$9,000
Exterior Architecture	\$6,300			\$23,200
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

Asset #: 2158

rchitecture	Curre	nt Repair	Future Replacement Maintenand		aintenance			
vstem Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
terior								
Exterior Walls								
Cast in Place Concrete	5%		LIFE	* *	5	\$37,100	A	
Masonry: Brick	85% Now \$360,500 LIFE ** 5 \$126,100 A Misaligned/Bulging, Extent: Moderate, Area Affected: 10% Location: Bulkheads							
	Painted Surfaces, Extent : Moderate, Area Affected : 75% Location : Throughout							
	Spalling, Extent: Moderate, Area Affected: 20%							
	Location : South							
	Worn/Eroded, Ext Location : Throi	ent : Moderate, Area ghout	Affected	: 25%				
Metal Sect. OHD	10%		2029	* *	5	\$46,400	A	
Windows								
Aluminum	100% Now Air Infiltration, Ex Location: Throi	\$958,200 tent : Moderate, Are ghout	2049 a Affectea	* * ! : 50%	5	\$12,100	A	
	Deteriorated Finish, Extent : Moderate, Area Affected : 50% Location : Throughout							
	Thermally Ineffici Location : Throi	ent, Extent : Moderai ghout	e, Area A	ffected : 100%				
Parapets								
Masonry: Brick	95% Now Spalling, Extent: Location: Interi	\$87,100 Moderate, Area Affec or Face	LIFE eted : 25%	**	5	\$8,000	A	
	Worn/Eroded, Ext Location : Throi	ent : Moderate, Area ighout	Affected .	: 25%				
Masonry: Limestone	5%		LIFE	* *	5	\$500	A	
Roof								
Built-Up (BUR)	5%		2024	\$24,400	10	\$5,600	A	
Skylight, Metal/Glass	2% Now \$6,300 2044 ** A Glazing Broken/Cracked, Extent: Moderate, Area Affected: 10% Location: Stair							
		, Extent : Moderate, aghout	Area Affe	cted : 20%				
Spray-on Foam	93%		2029	* *	5	\$139,200	A	

Interior

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

DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL-OTHERS BUILDING B - WAREHOUSE

Asset #: 2158

Architecture		Current R	epair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								
Floors								
Carpet	5%			2023	\$217,300	3	\$26,900	C
Cast in Place Concrete	15%			LIFE	* *	5	\$117,900	C
Cast in Place Concrete	15%	Now	\$106,200	LIFE	* *	5	\$117,900	C
		Crumbling, 1: Loading 1	Extent : Moderate Area	, Area Aj	ffected : 25%			
		ubstrate, Ext : Loading	tent : Moderate, A Area	rea Affec	eted : 25%			
Ceramic Tile	5%			2033	* *	5	\$18,000	C
Terrazzo	5%			LIFE	* *	5	\$14,000	C
Wood	55%	Now	\$1,235,300	2039	* *	5	\$185,200	C
			xtent : Moderate, A	Area Affe	cted: 25%			
	Deteriora	e: Througho ted Finish, I e: Througho	Extent : Moderate,	Area Afj	fected : 50%			
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$800	C
Gypsum Board	5%			LIFE	* *	5	\$1,200	C
Masonry: Brick	85%			LIFE	* *			C
SGFT/Glazed Masonry	5%			LIFE	* *			C
Ceilings								
AcousTileSusp.Lay-In	5%			2029	* *	5	\$18,000	В
Exposed Concrete	10%			LIFE	* *	5	\$5,600	В
Exposed Struc: Wood	75%			LIFE	* *			В
Plaster	10%			LIFE	* *	5	\$22,500	В

Electrical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2024	\$33,100	5	\$7,000	В
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location : Electrical Room					
	Explanation : No Available Nameplat	e Ratings				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2024	\$121,100	5	\$7,000	В
Raceway						
Conduit	10%	2044	* *	1		В
Conduit	90%	2024	\$142,200	1		В

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL-OTHERS BUILDING B - WAREHOUSE

Asset #: 2158

Electrical	Current Repair	Future R	eplacement	Ma	aintenance		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Under 600 Volts							
Panelboards	4.000		440.000	_	* * * * * * * * * * * * * * * * * * *	_	
Fused Disc Sw	10%	2023	\$10,300	5	\$600	В	
Fused Knife Sw	10% 2-4	\$10,300 2049	**	5	\$300	В	
	Obsolete Equipment, Extent Location : Throughout	t : Moaerate, Area Аffect	ea : 100%				
	On Extended Life, Extent : I	Moderate Area Affected	. 100%				
	Location : Throughout Th		. 100/0				
Molded Case Bkrs	80%	2023	\$82,600	5	\$5,600	В	
	80%	2023	\$82,000	3	\$3,000	D	
Wiring Braided Cloth	60% 2-4	\$30,700 2049	* *	1		В	
Braided Clour	Insulation Aged, Extent : M	' '	100%	1		Ь	
	Location : Throughout						
Thermoplastic	40%	2024	\$49,400	1		В	
Ground	.070		4.2,.00				
Grounding Devices							
Not Accessible	100%					D	
Lighting							
Interior Lighting							
Fluorescent	20%	2024	\$88,700	10	\$44,000	В	
	T-8 Lamps, Extent: Modera	ate, Area Affected : 100%	6				
	Location : 1st Floor						
Fluorescent	5%	2024	\$22,200	10	\$11,000	В	
	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location : 1st Floor						
	Explanation : Compact Fi						
Fluorescent	72%	2019	\$319,200	10	\$158,500	В	
	T-12 Lamps, Extent: Mode		%				
	Location: Throughout Th		** = 0		***		
HID	3%	2019	\$3,700	10	\$200	В	
Egress Lighting	500 /	2020	* *	10	#20.000	ъ	
Emergency, Battery	50%	2029	**	10	\$29,000	В	
Exit, Service	50%	2029		1		В	
Exterior Lighting HID	100%	2019	\$13,600	10	\$800	В	
Alarm	100/0	2017	φ13,000	10	φουυ	ט	
Security System							
No Component	70%					D	
Generic	30%	2019	\$229,800	1	\$29,900	В	
· · · -	Other Observation, Extent :			-	, == ,= 30	-	
	Location: Hallways						
	Explanation: Intrusion A	larm Only					

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL-OTHERS BUILDING B - WAREHOUSE

Asset #: 2158

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
Alarm				
Fire/Smoke Detection				
No Component	70%			D
Generic	30%	2019 \$786,700	1-3 \$50,900	В
	Other Observation, Extent: Moderate,	Area Affected : 100%		
	Location: Hallways			
	Explanation: Manual Pull Station An	nd Alarm Bells		

Mechanical		Current I	Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source Interruptible Gas/Dual Fuel	100%			2034	* *	1		В
Conversion Equipment Steam Boiler	Location		Extent : Light, Area oom - First Floor its	2029 Affected	* *	1	\$237,700	В
Distribution	<u> </u>							
Steam Piping/Pump			\$317,700 Toderate, Area Affe Locations	2034 cted : 309	* *	4	\$11,800	В
Terminal Devices								
Convector/Radiator No Component	60% 40%			2029	* *	1	\$46,500	B D
Ventilation								
Exhaust Fans Wall Unit No Component	5% 95%			2029	* *	2	\$400	B D
Plumbing	7670							
H/C Water Piping Galv Iron/Steel	100%			2029	* *	1		В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping Cast Iron			\$31,800 evere, Area Affecte Locations	LIFE d : 40%	* *	1		В
Fixtures								
Generic	100%							В
Vertical Transport Elevators								
Geared Traction	Location		Extent : Light, Area	LIFE Affected	* * : 100%			С

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL-OTHERS BUILDING B - WAREHOUSE

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
Fire Suppression Sprinkler Generic	100%	2044 **	1-2 \$67,200	В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BUSH TERMINAL-OTHERS ROUNDHOUSE - TRAIN REPAIRS

Address : 41ST - 51ST STREET AND 1ST AVE.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0017.050 / 1582 Yr Built/Renovated : 1907 /

Area Sq Ft : 9,480 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 26-Jun-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 725 Lot : 1 BIN : 3345658

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$856,600	
Interior Architecture	\$121,200	
Total	\$977,800	
Priority A	\$856,600	
Priority B	\$38,300	
Priority C	\$82,900	
Total	\$977,800	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$30,500			
Interior Architecture	\$22,500			\$200
Total	\$53,000			\$200
Priority A	\$30,500			
Priority B	\$11,000			
Priority C	\$11,500			\$200
Total	\$53,000			\$200



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL-OTHERS ROUNDHOUSE - TRAIN REPAIRS

rchitecture	Current Repair	Future Replacement	ent	M	aintenance		
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
terior							
Exterior Walls							
Masonry: Brick	90% Now \$314,700	LIFE	* *	5	\$18,300	A	
	Diagonal Cracks, Extent: Severe, Area	Affected: 25%					
	Location: East Facade, Throughout Jnt Mortar Miss/Erod, Extent: Severe, A	Area Affected : 100%					
	Location: Throughout	неи Ајјескей . 100/0					
	Misaligned/Bulging, Extent: Severe, Ar	ea Affected : 25%					
	Location: South Facade, West Facade						
Metal Coiling Doors	10% Now \$109,600	2044	* *	5	\$3,200	A	
2.2.11. 2.2.2.6 - 2.2.2	Corrosion/Rusting, Extent: Severe, Are.			-	+-,		
	Location: South Facade, Throughout						
	Deformed/Dented, Extent : Severe, Area	Affected : 50%					
	Location: South Facade, Throughout						
Windows							
Glass Block	15%	LIFE	**	5	\$100	A	
Steel	25% Now \$13,300	2049	* *	5	\$1,700	A	
	Bent/Warped Elements, Extent : Severe, Location : Throughout	Area Affectea : 50%					
	ŭ	Area Affected : 50%					
	Corrosion/Rusting, Extent : Moderate, Area Affected : 50% Location : Throughout						
	Glazing Broken/Cracked, Extent: Sever	e. Area Affected : 50%	6				
	Location : Throughout	<i>33</i>					
	Thermally Inefficient, Extent : Severe, A	rea Affected : 100%					
	Location : Throughout						
Wood	60% Now \$17,200	2049	* *	5	\$3,200	A	
	Deteriorated Finish, Extent: Severe, Ar	ea Affected : 100%					
	Location: Throughout						
	Thermally Inefficient, Extent : Severe, A	rea Affected : 100%					
	Location: Throughout						
	Split/Cracked, Extent : Severe, Area Aff	ected : 50%					
	Location: Throughout	CC . 1 1000/					
	Unit Inoperable, Extent : Severe, Area A	Affected: 100%					
Domonata	Location: Throughout						
Parapets Masonry: Brick	100% Now \$213,800	LIFE	* *	5	\$6,500	A	
musom y. Ditek	Diagonal Cracks, Extent : Severe, Area			3	ψ0,500	. 1	
	Location : Throughout	00					
	Misaligned/Bulging, Extent : Severe, Ar	ea Affected : 50%					
	Location: East Facade, Throughout						
	Miss/Damaged Copings, Extent: Severe	e, Area Affected : 50%	ó				
	Location: Throughout						

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

DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL-OTHERS ROUNDHOUSE - TRAIN REPAIRS

Asset #: 1582

Architecture	Current	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior							
Roof Built-Up (BUR)	50% Now	\$96,200	2034	* *			Α
Built op (Bolt)	Blisters, Extent : Se						71
	Location : Throug						
	Water Penetration,		a Affectea	l : 50%			
	Location : Train (Worn/Eroded, Exter	· ·	acted · 50	0/2			
	Location : Throug		сией . 50	/0			
Modified Bitumen	50% Now	\$122,300	2034	* *			A
1.204.100 2.101.101	Blisters, Extent : Se Location : Throug	vere, Area Affected					
	Deteriorated Finish		ea Affecte	ed : 100%			
	Location: Throug						
	Water Penetration,		a Affected	l : 50%			
iterior	Location : Over Si	пор					
Floors							
Cast in Place Concrete	90% Now	\$38,100	LIFE	* *	5	\$28,200	C
	Cracking/Crumbling	=	, Area Af	fected : 25%			
	Location : Throug			di di			
Vinyl Tile	10% Now Punct/Tear/Impact	\$11,500	2034	* * a Affactad : 100%	3	\$500	С
	Location: Throug	_	vere, 111e	а пусства : 10070			
	Worn/Eroded, Exter		ected : 50	%			
	Location : Throug	hout					
Interior Walls	100/			ale ale	_	Φ200	
Concrete Masonry Unit Masonry: Brick	10% 85% Now	\$44,800	LIFE LIFE	* *	5	\$200	C C
Masonly. Blick	Diagonal Cracks, E	' '					C
	Location : Train C		33				
	Worn/Eroded, Exter		ected : 35	%			
	Location : Train C	Garage					
Plywood/Hardboard	5%		LIFE	* *			С
Ceilings AcousTileSusp.Lay-In	10% Now	\$11,000	2044	* *	5	\$700	В
Acous The Susp. Lay-III	Broken/Missing Ele			ea Affected : 30%	3	Ψ700	Б
	Location : Throug						
	Worn/Eroded, Exter		ected : 50	%			
	Location : Throug	hout					
Exposed Concrete	40%		LIFE	**	5	\$900	В
Exposed Struc: Steel Exposed Struc: Wood	35% 15% Now	\$38,300	LIFE LIFE	* *			B B
Exposed Struct wood	Broken/Missing Ele						D
	Location : Shop						
	Dry Rot/Decay, Ext	ent : Severe, Area A	fected : 2	25%			
	Location : Shop						

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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DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL-OTHERS ROUNDHOUSE - TRAIN REPAIRS

Asset #: 1582

Electrical		Current Repair Future Replacement Maintenance		aintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts								
Service Equipment								
Not Accessible	100%							D
			Extent : Light, Area	Affected	l : 0%			
	Location							
	Explana	tion : Aban	doned Building - N	o Access	S			
Transformers								_
Not Accessible	100%							D
Switchgear / Switchboard								
Not Accessible	100%							D
Feeders								
Not Accessible	100%							D
Raceway								
Not Accessible	100%							D
Under 600 Volts								
Service Equipment								
Not Accessible	100%							D
Transformers								
Not Accessible	100%							D
Switchgear / Switchboard								
Not Accessible	100%							D
Raceway								
Not Accessible	100%							D
Panelboards								
Not Accessible	100%							D
Wiring								
Not Accessible	100%							D
Motor Controllers								
Not Accessible	100%							D
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Not Accessible	100%							D
Egress Lighting								
Not Accessible	100%							D
1101 11000001010	100/0							

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

Heating

Energy Source

Not Accessible 100%

Other Observation, Extent: Light, Area Affected: 0%

Location : Entire Building

Explanation: Bldg Padlocked By City Marshal

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.

DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL-OTHERS ROUNDHOUSE - TRAIN REPAIRS

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Conversion Equipment								
Not Accessible	100%							D
Distribution								
Not Accessible	100%							D
Terminal Devices								
Not Accessible	100%							D
Ventilation								
Exhaust Fans								
Not Accessible	100%							D
Plumbing								
H/C Water Piping								
Not Accessible	100%							D
Water Heater								
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
Chemical System								
Not Accessible	100%							D

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : FORMER FULTON FISH MARKET BUILDING 19-32

Address : SOUTH & FULTON STS.

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 37,341 Project Type : ECONOMIC DEVELOPMENT
Date of Survey : 02-Aug-2012 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Roof, Floors 1,m,2

Block : 73 Lot : 10 BIN : 1085797

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$3,741,700	\$366,700
Interior Architecture	\$1,431,300	\$37,300
Electrical	\$76,900	
Mechanical	\$780,900	\$138,800
Total	\$6,030,900	\$542,800
Priority A	\$3,741,700	\$366,700
Priority B	\$1,658,100	\$138,800
Priority C	\$631,100	\$37,300
Total	\$6,030,900	\$542,800

			+-,
			\$5,000
\$83,400	\$2,900	\$13,100	\$2,900
\$19,700			\$13,600
\$103,100	\$2,900	\$13,100	\$21,500
\$29,000	\$2,900	\$10,900	\$2,900
\$54,300		\$2,200	
			\$5,000
\$19,700			\$13,600
FY 2016	FY 2017	FY 2018	FY 2019
	\$19,700 \$54,300 \$29,000 \$103,100 \$19,700	\$19,700 \$54,300 \$29,000 \$103,100 \$19,700	\$19,700 \$54,300 \$29,000 \$2,900 \$10,900 \$103,100 \$19,700



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

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

Asset #: 2427

rchitecture	Current Repair Future Replacement					М	aintenance	
vstem Component Type		l Date E Years)	Sstimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
terior						•		
Exterior Walls	7 0/ 3	.	#10.500			_	44.5.000	
Cast in Place Concrete	Broken/Missin Location : N	orth Side mbling, E	\$19,700 ts, Extent : Mod xtent : Moderate		* * ea Affected : 10% ffected : 20%	5	\$16,800	A
Cast Iron		low	\$92,600	LIFE	* *			A
	Location : C Deteriorated	olumns A Finish, Ex	ent : Moderate, A t West Facade tent : Moderate, t West Facade					
Cement-Fiber Panel	Broken/Missin Location : E	ast Facaa			* * Affected : 25% ea Affected : 25%			A
	Location : E	ast Facad Extent : S	le Severe, Area Affe					
Metal Panel	Corrosion/Ru Location : E Deformed/De	ast Facaa nted, Exte	\$80,400 ent : Severe, Ared le nt : Severe, Ared le, North Facade	Affected		5	\$50,400	A
	Deteriorated Location : T		tent : Severe, Ar t	ea Affect	ed : 50%			
Metal Coiling Doors	Broken/Missin Location : V	est Faca	\$198,100 ts, Extent : Seve de ent : Severe, Area		-	5	\$10,500	A
	Location : V	Vest Facad Finish, Ex	de tent : Severe, Ar					
Stucco Cement		_	\$40,500 xtent : Moderate le	2028 , Area Aj	* * ffected : 25%	5	\$8,400	A
Windows						_		
Aluminum	35%	T	¢2.751.000	2039	* *	5	\$27,300	A
Steel	Corrosion/Ru Location : T	hroughou Finish, Ex	tent : Severe, Ar		cted : 50%	5	\$316,400	A
		fficient, E	xtent : Severe, A	rea Affec	cted : 100%			

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

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

Architecture	Current Re	Current Repair		e Replacement	Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior								
Parapets					_			
Metal Panel	100% Now	\$182,300	2033	* *	5	\$22,000	Α	
	Corrosion/Rusting, Ext		Area Affe	cted: 25%				
	Location : Throughout Deteriorated Finish, E		Anna Af	facted , 500/				
	Location: Throughout		Area Ajj	eciea : 50%				
Roof	Locuiton . Throughou	ni —						
Single Ply Membrane	100% Now	\$248,400	2033	* *			A	
Single 1 ly Memorane	Punct/Tear/Impact Damage, Extent: Severe, Area Affected: 25%							
	Location : Throughou	_	, , , , , , , , , ,					
	Staining/Discoloring, I	Extent : Moderate	, Area A	ffected : 50%				
	Location : Throughou	ut						
	Water Penetration, Ex	tent : Severe, Ared	a Affecte	d : 25%				
	Location : Over Thir	d Floor						
Interior								
Floors								
Cast in Place Concrete	30% Now	\$55,300	LIFE	**	5	\$37,300	C	
	Cracking/Crumbling, I Location : First Floo		, Area Aj	ffected : 25%				
	Uneven Substrate, Exte	ent : Moderate, A	rea Affec	rted : 25%				
	Location: First Floo	r						
Vinyl Tile	70% Now	\$351,600	2033	* *	3	\$14,900	С	
•	Broken/Missing Eleme	nts, Extent : Seve	re, Area	Affected : 50%				
	Location: Throughou	ut						
	Cracking/Crumbling, Extent : Severe, Area Affected : 75%							
	Location: Throughou	ut						
	Loose Units, Extent: S		ted : 50%	%				
<u></u>	Location : Throughou	ut						

Asset #: 2427

Architecture	Current Repair		Future Replacement		aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior						
Interior Walls Concrete Masonry Unit	35% Now Cracking/Crumbling, Exte Location: Throughout			5	\$7,200	С
	Jnt Mortar Miss/Erod, Ext Location : Throughout Staining/Discoloring, Exte Location : Throughout					
Gypsum Board	20% Now Cracking/Crumbling, Exte Location: Throughout		cted : 25%	5	\$6,100	С
	Punct/Tear/Impact Damag Location: Throughout	ge, Extent : Severe, Ar	rea Affected : 25%			
Masonry: Brick	20%	LIFE				C
Plywood/Hardboard	25% Now Broken/Missing Elements, Location: Throughout Punct/Tear/Impact Damag Location: Throughout					С
Ceilings		** · · · · · · · · · · · · · · · · · ·		_		_
AcousTileSusp.Lay-In	35% Now Broken/Missing Elements, Location: Throughout Cracking/Crumbling, Exte Location: Throughout Staining/Discoloring, Exte Location: Throughout	nt : Severe, Area Affe	cted : 50%	5	\$9,900	В
Exposed Struc: Steel	30% Now Corrosion/Rusting, Extent Location: First Floor	\$373,300 LIFE : Moderate, Area Aff	* * ected : 25%			В
Exposed Struc: Wood	35% Now Dry Rot/Decay, Extent: So Location: First Floor		20%			В
	Paint Peeling, Extent: Sev Location: First Floor					
	Split/Cracked, Extent : Sev Location : First Floor	vere, Area Affected : 2	!S%			

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

Under 600 Volts

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 #: 2427

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Switchgear / Switchboard Fused Knife Sw		Now ervation, E	\$22,200 Extent : Moderate, A al Room	2053 Area Affe	* * ected : 100%	5	\$100	В
	Explana	tion : Not I	n Service					
Raceway Conduit	100%			2023	\$24,100	1		В
Panelboards	10070			2023	Ψ24,100	1		D
Molded Case Bkrs	Location	0-2 ervation, E e: Electrica tion: Not I		2048 Area Affe	* * ected : 100%	5	\$400	В
Molded Case Bkrs	10%			2022	\$1,900	5	\$100	В
Wiring Braided Cloth	90% Other Obs Location		\$15,200 Extent: Moderate, A out The Building In Service	2048	* *	1		В
Thermoplastic	10%			2023	\$1,700	1		В
Ground Grounding Devices Not Accessible	100%				41,700			D
Lighting	10070							<u>D</u>
Interior Lighting Fluorescent			\$75,400 t : Moderate, Area out The Building	2033 Affected	**: 100%			В
Fluorescent	2% Other Obs Location	0-2 ervation, E	\$1,500 Extent : Moderate, A		* * ected : 100%			В
Exterior Lighting	p			, c				
HID	100%			2018	\$2,100	10	\$100	В

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Electricity	30%		2033	* *	1		В
Natural Gas	70%		2033	* *	1		В

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

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

Asset #: 2427

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
leating							
Conversion Equipment Hot Water Boiler	70% Now Other Observation, I Location: 1st Floo Explanation: 1 Ag	_			1	\$11,800	В
Radiant Heater	30% Other Observation, I Location: 1st Floc Explanation: 30 U	or	2018 Affected	\$52,100 : 30%	2	\$5,300	В
Distribution Hot Wtr Piping/Pump	70% Now Corroded, Extent : S Location : Through		2022 d : 50%	\$138,800	4	\$1,300	В
No Component	30%						D
Terminal Devices Convector/Radiator	70% Now Corroded, Extent: S Location: Through On Extended Life, E.	hout		**	1	\$7,700	В
	Location : Through	hout					
No Component	30%						D
Plumbing H/C Water Piping Brass/Copper	100% Now Corroded, Extent: S Location: Through On Extended Life, E. Location: Through	hout xtent : Severe, Area		**	1		В
Water Heater	Locuiton : Intougr	ioui					
Electric	100%		2018	\$6,100	4	\$200	В
Sanitary Piping Cast Iron	100% Now Corroded, Extent : S Location : Through		LIFE d : 50%	* *	1		В
Storm Drain Piping Cast Iron	100% Now Corroded, Extent : S Location : Through		LIFE d : 50%	* *	1		В
Fixtures Generic	100% Obsolete Fixtures, E Location : Through		ı Affectea	! : 100%			В

 $Fire \, \overline{Suppression}$

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.

DEPT. OF SMALL BUSINESS SERV. - 801 FORMER FULTON FISH MARKET BUILDING 19-32

Mechanical	Current R	epair	Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Fire Suppression Sprinkler								
Generic	100% 0-2	\$460,900	2053	* *	1-2	\$9,200	В	
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location: Througho	out						
	Explanation : Aging	System						

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : FORMER FULTON FISH MARKET TIN BUILDING 1-18

Address : SOUTH & FULTON STS.

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 64,233 Project Type : ECONOMIC DEVELOPMENT
Date of Survey : 02-Aug-2012 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed : Roof, Floors 1,2,3

Block : 73 Lot : 10 BIN : 1085797

CAPITAL	FY 2016 - 2019	FY 2020 - 2025		
Exterior Architecture	\$544,200	\$149,100		
Interior Architecture	\$1,029,200	\$48,000		
Electrical	\$47,600	\$219,500		
Mechanical	\$507,500	\$795,700		
Total	\$2,128,600	\$1,212,300		
Priority A	\$544,200	\$149,100		
Priority B	\$1,076,800	\$1,015,200		
Priority C	\$507,500	\$48,000		
Total	\$2,128,600	\$1,212,300		

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture			\$50,500	\$29,000
Interior Architecture	\$3,300	\$2,200	\$8,200	\$4,900
Electrical	\$18,400	\$1,400	\$5,100	\$1,100
Mechanical	\$12,500	\$3,900	\$5,000	\$3,900
Total	\$34,200	\$7,600	\$68,900	\$39,000
Priority A			\$50,500	\$29,000
Priority B	\$30,900	\$5,400	\$10,200	\$5,000
Priority C	\$3,300	\$2,200	\$8,200	\$4,900
Total	\$34.200	\$7,600	\$68,900	\$39,000



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 FORMER FULTON FISH MARKET TIN BUILDING 1-18

chitecture	Current	Current Repair		e Replacement	M		
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
erior							
Exterior Walls Cast in Place Concrete	10% Now Cracking/Crumbling Location: South W			* * rted : 15%	5	\$33,100	A
	Diagonal Cracks, Ex Location: South W	tent : Severe, Area	Affected	: 10%			
Cast Iron	5% Now Corrosion/Rusting, I Location: Cast Iro Deteriorated Finish, Location: Cast Iro	n Columns At West Extent : Moderate,	Facade Area Afj				A
Concrete Masonry Unit	10% Now Broken/Missing Elen Location: North F Other Observation, I Location: North F Explanation: Expo	acade Extent : Moderate, 1 acade			5	\$4,100	A
Metal Panel	65% Now Deformed/Dented, E Location: South F, Deteriorated Finish, Location: Through	acade Extent : Moderate,			5	\$80,700	A
Metal Coiling Doors	10% Now Broken/Missing Elen Location: West Fa Corrosion/Rusting, I Location: West Fa	cade Extent : Severe, Are			5	\$10,300	A
Windows							
Aluminum	100%		2039	* *	5	\$31,500	A
Parapets Metal Panel	35% Other Observation, I Location : Exterior		2043 Area Affe	* * ccted : 100%	5	\$13,000	A
	Explanation: This	Component Is Actu	ally Fibe	rglass Panel			
Metal Panel	65%		2043	* *	5	\$24,200	A

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

DEPT. OF SMALL BUSINESS SERV. - 801 FORMER FULTON FISH MARKET TIN BUILDING 1-18

Architecture	Current F	Repair	Future	Replacement	M		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior			•				•
Roof					_		
Roll Roofing	20% Now Vegetation Growth, I Location: Over Ca Water Penetration, E Location: First Flo Worn/Eroded, Extent Location: Over Ca	nopy At West Side xtent : Severe, Are oor At West Side : Moderate, Area	a Affected	1:25%	5	\$13,300	A
Roll Roofing	20%		2019	\$68,400	5	\$26,500	A
Spray-on Foam	60%		2028	**	5	\$63,700	A
	Other Observation, E Location : Over Sec Explanation : Balla	cond Floor		eted : 100%		¥35,135	
Interior							
Floors Cast in Place Concrete	25% Now Cracking/Crumbling, Location: First Flo		LIFE c, Area Aff	* * fected : 25%	5	\$48,000	C
	Misaligned/Bulging, Location: First Flo Worn/Eroded, Extent Location: First Flo	oor : Severe, Area Affa					
Ceramic Tile	5%		2032	* *	5	\$4,400	С
Vinyl Tile	15% Now Broken/Missing Elem Location: Mezzani. Loose/Delam Surface Location: Mezzani. Worn/Eroded, Extent Location: Mezzani.	ne, Second Floor c, Extent : Severe, A ne : Severe, Area Aff	Area Affec	ted : 50%	3	\$4,900	С
Vinyl Tile	30%		2028	* *	3	\$13,200	C
Wood	15% Now	\$226,000		* *	5	\$12,300	C
	Broken/Missing Elem Location: Mezzani. Deteriorated Finish, Location: Mezzani. Dry Rot/Decay, Exter Location: Mezzani.	nents, Extent : Mod ne Extent : Severe, Ar ne nt : Severe, Area Aj	erate, Are ea Affecte	ed : 50%	J	ψ12,6 00	C
Wood	10%		2038	* *	5	\$16,500	C
W OOU	1070		2030		J	\$10,500	

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

Asset #: 2426

Architecture	Current Repair		Future Replacement		M		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior							
Interior Walls	#0/ NT	427.2 00		de de			~
Cast in Place Concrete	5% Now Broken/Missing Elen Location: First Flo		LIFE erate, Are	* * va Affected : 20%			С
	Cracking/Crumbling Location: First Flo		, Area Aff	fected : 25%			
Gypsum Board	60%		LIFE	* *	5	\$19,200	C
Plywood/Hardboard	25% Now	\$58,700	LIFE	* *			C
	Broken/Missing Elen Location : Mezzani Staining/Discoloring Location : Mezzani	ne, First Floor , Extent : Severe, A					
Wood	10%		LIFE	* *	5	\$21,400	С
Ceilings							
AcousTileConcealSpLn	15% Now Broken/Missing Elen Location: Mezzani		2043 re, Area A	* * Affected : 25%	5	\$9,400	В
	Cracking/Crumbling Location : Mezzani		rea Affect	ed : 50%			
	Staining/Discoloring Location : Mezzani		rea Affect	ted : 100%			
Exposed Struc: Steel	15%		LIFE	* *			В
Exposed Struc: Wood	20% Now	\$394,600	LIFE	* *			В
	Dry Rot/Decay, Exte Location: Under C	-	ffected : 2	0%			
	Split/Cracked, Exten Location : Under C	t : Severe, Area Aff	ected : 50	%			
	Water Penetration, E Location : Under C		a Affected	! : 25%			
Exposed Struc: Wood	50%		LIFE	* *			В

lectrical	Current Repair	Future Repla	cement	M	aintenance	
rstem Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2033	* *	5	\$300	В
	Other Observation, Extent: Moderat	te, Area Affected : 1	00%			
	Location: Electrical Room					
	Explanation : Main Service Switch	Rated @ 1600 Amp	eres			
Switchgear / Switchboard						
Fused Disc Sw	100%	2033	* *	5	\$300	В
Raceway						
Conduit	100%	2033	* *	1		В
Panelboards						
Molded Case Bkrs	100%	2031	* *	5	\$1,700	В

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

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

Electrical		Current F	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Wiring								
Thermoplastic	100%			2033	* *	1		В
Ground								
Grounding Devices	400							_
Not Accessible	100%							D
Lighting								
Interior Lighting	400/		4.5 	2022	ale ale			
Fluorescent	40%		\$47,600	2033	* *			В
			t : Moderate, Area	Affected	: 100%			
		n : 2nd Floo	or					
Fluorescent	10%			2023	\$11,900	10	\$5,400	В
			Extent : Moderate, A	Area Affe	ected : 100%			
			or Hallways					
	Explana	tion : T-8 L	amps					
HID	50%		\$16,500	2033	* *			В
			t : Moderate, Area	Affected	: 100%			
	Location	n : 1st Floor	r					
Egress Lighting								
Emergency, Battery	25%			2023	\$5,500	10	\$3,500	В
Exit, Battery	25%			2023	\$11,100	10	\$1,000	В
No Component	50%							D
Exterior Lighting								
HID	100%			2018	\$3,600	10	\$200	В
Alarm								
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2023	\$207,600	1-3	\$11,900	В
	Other Observation, Extent : Moderate, Area Affected : 100%							
		n : Hallway						
	Explana	tion : Strob	e Lights, Smoke De	etector A	nd Manual Pull Sto	ation		

Mechanical	Current	Repair	Futur	e Replacement	Ma	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							
Electricity	40%		2023		1		В
Natural Gas	60%		2023	\$38,300	1		В

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

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

Asset #: 2426

Mechanical	Curren	Current Repair Future Replacement Maintenance				aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Conversion Equipment							
Furnace	60% Other Observation Location : 1st An Explanation : 30		2023 Affected .	\$44,700	1	\$17,400	В
Radiant Heater	Location : 1st Flo	, Extent : Light, Area oor		* *	2	\$8,700	В
Plumbing	Explanation : 20	riging Onns					
H/C Water Piping Brass/Copper	100% Now Corroded, Extent: Location: Throu	\$182,300 Severe, Area Affecte	2053 d:80%	* *	1		В
		- Extent : Severe, Area	Affected .	100%			
Water Heater							
Electric	Location: 2nd Fi	, Extent : Light, Area loor Units, All Of Them A			4	\$500	В
Sanitary Piping	Ехрининон . 10	Omis, Ini Of Them II	re Discon	пестей			
Cast Iron	100% Now Corroded, Extent : Location : Throug	\$132,600 Severe, Area Affected ghout	LIFE d : 90%	* *	1		В
	On Extended Life, Location : Throu	Extent : Severe, Area ghout	Affected .	100%			
Storm Drain Piping Cast Iron	Location: Through	\$85,200 Severe, Area Affecte ghout Extent : Severe, Area		* *	1		В
	Location : Throu		11,5000000	100,0			
Fixtures							
Generic	100% Obsolete Fixtures, Location : Variot	Extent : Severe, Area us Locations	ı Affected	: 100%			В
ire Suppression							
Sprinkler Generic	100% Other Observation Location : Throu	, Extent : Severe, Are ghout	2023 a Affected	\$712,600 !: 100%	1-2	\$16,400	В
	Explanation : Ag						

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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : FULTON FIRE BOAT HOUSE

Address : 2 OLD FULTON STREET @EAST RIVER / BROOKLYN BRIDGE
BROOKLYN Agency's Number : N/A

Area Sq Ft : 3,000 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 27-May-2011 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Roof, Floors 1,2

Block : 25 Lot : 1 BIN : 3335852

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	- · · · - · · ·	\$300		
Interior Architecture	\$17,600			
Electrical	\$100	\$300	\$100	\$100
Mechanical	\$200	\$1,300	\$1,200	\$200
Total	\$17,900	\$1,900	\$1,300	\$200
Priority A		\$300		
Priority B	\$4,100	\$1,600	\$1,300	\$200
Priority C	\$13,800			
Total	\$17 900	\$1 900	\$1 300	\$200



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 FULTON FIRE BOAT HOUSE

Asset #: 4336

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$500	Α
Cement-Fiber Panel	85%			2022	\$13,000	10	\$5,500	Α
Masonry: Brick	5%			LIFE	* *	5	\$100	Α
Wood	5%			2027	* *	5	\$500	A
Windows								
Bronze/Brass	100%			2030	* *	5	\$9,700	A
Roof								
Asphalt Shingle	100%			2031	* *	10	\$400	Α
Interior								
Floors								
Cast in Place Concrete	3%			LIFE	* *	5	\$200	C
Ceramic Tile	2%			2031	* *	5	\$100	C
Wood	45%			2050	* *	5	\$2,300	C
Wood	50%	Now	\$13,700	2037	* *	5	\$1,300	C
	Deflection Evident, Extent : Moderate, Area Affected : 15%							
	Location : Second Floor							
	Deteriorat	ed Finish,	Extent : Moderate,	Area Afj	fected : 50%			
	Location	: Second I	Floor					
	Split/Crack	ked, Extent	: Moderate, Area	Affected	: 25%			
	Location	: Second I	Floor					
Interior Walls								
Ceramic Tile	3%			2031	* *	5	\$100	C
Gypsum Board	37%			LIFE	* *	5	\$600	C
Metal Panel	60%			LIFE	* *			C
Ceilings								
Embossed Metal	100%	Now	\$3,800	LIFE	* *	5	\$900	В
	Punct/Tear	r/Impact D	amage, Extent : Mo	oderate, .	Area Affected : 109	%	,	
		: 2nd Floo	-					

lectrical	Current Repair	Future Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts					
Service Equipment					
Fused Disc Sw	100%	2042 **	5		В
	Other Observation, Extent: Moderate,	Area Affected : 100%			
	Location: Basement				
	Explanation: 100 Amps Service				
Raceway					
Conduit	100%	2042 **	1		В
Panelboards					
Molded Case Bkrs	100%	2038 **	5	\$100	В
Wiring					
Thermoplastic	100%	2042 **	1		В

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 FULTON FIRE BOAT HOUSE

Asset #: 4336

Electrical	Current Repair		e Replacement	M		
System Component Type	% of Fail Date Estimated Con Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Motor Controllers						
Locally Mounted	100%	2035	* *	5		В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5		В
	Other Observation, Extent : Moderat Location : Basement	e, Area Affe	ected : 100%			
	Explanation: Main Water Pipe					
Lighting						
Interior Lighting						
Fluorescent	80%	2022	\$6,600	10	\$1,300	В
	Other Observation, Extent : Moderat		ected : 100%			
	Location: Throughout The Building	3				
	Explanation: T-12 Lamps					
Incandescent	20%	2022	\$1,600	2		В
Egress Lighting						
Emergency, Battery	50%	2027	* *	10	\$200	В
Exit, Service	50%	2027	* *	1		В
Exterior Lighting						
HID	100%	2022	\$1,100	10		В
Alarm						
Security System						
No Component	80%					D
Generic	20%	2027	* *	1	\$200	В
Fire/Smoke Detection						
No Component	80%					D
Generic	20%	2022	\$6,500	1-3	\$400	В

Mechanical	Current Repair	Future Rep	olacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Natural Gas	100%	2042	* *	1		В
Conversion Equipment						
Hot Water Boiler	100%	2027	* *	1	\$900	В
	Other Observation, Extent: Severe, A	Area Affected : 10	00%			
	Location: Basement					
	Explanation: 1 Boiler					
Distribution						
Hot Wtr Piping/Pump	100%	2030	* *	4	\$100	В
Terminal Devices						
Convector/Radiator	100%	2027	* *	1	\$600	В
Air Conditioning						
Energy Source						
Electricity	100%	2030	* *	1		В

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 FULTON FIRE BOAT HOUSE

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Cooling	40%			2020	\$9,500	2		В
Window/Wall Unit	30%			2017	\$1,100	1		В
No Component	30%							D
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$500	В
No Component	50%							D
Exhaust Fans								
Interior	50%			2022	\$1,000	2		В
No Component	50%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2032	* *	1		В
Water Heater								
Gas Fired	100%			2020	\$400	2		В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)								
Rigid Piping	100%			2022	\$11,500	4	\$1,600	В
Fixtures								
Generic	100%							В
Fire Suppression								
Sprinkler								
Generic	100%			2032	* *	1-2	\$500	В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HUNTS POINT CO-OP MARKET BUILDING A

Address : FOOD CENTER DRIVE

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBS0022.000 / 2796 Yr Built/Renovated : 1973 /

Area Sq Ft : 157,935 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 22-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2781 Lot : 500 BIN : 2109482

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,177,300	\$1,031,400
Interior Architecture	\$358,200	\$787,600
Electrical	\$404,300	\$1,215,900
Mechanical	\$68,700	\$3,359,600
Total	\$2,008,500	\$6,394,600
Priority A	\$1,177,300	\$1,031,400
Priority B	\$544,200	\$4,668,400
Priority C	\$287,000	\$694,800
Total	\$2,008,500	\$6,394,600

Total	\$247,600	\$87,500	\$64,700	\$50,400
Priority C	\$103,800			\$22,900
Priority B	\$127,900	\$64,900	\$64,700	\$27,400
Priority A	\$15,900	\$22,600		
Total	\$247,600	\$87,500	\$64,700	\$50,400
Mechanical	\$92,700	\$33,000	\$64,100	\$26,700
Electrical	\$2,800	\$31,900	\$600	\$800
Interior Architecture	\$136,200			\$22,900
Exterior Architecture	\$15,900	\$22,600		
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

Asset #: 2796

Architecture	Current Repair Future Replacement		M					
ystem 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	10%		\$77,400	LIFE	* *	5	\$72,400	A
	_	Crumbling, : Loading	Extent : Moderate Docks	, Area Aj	ffected : 15%			
Concrete Masonry Unit	70%	Now	\$197,700	LIFE	* *	5	\$63,300	A
·			d, Extent : Moderat acade, South Facad		Affected : 20%			
Metal Coiling Doors	10%			2027	* *	5	\$45,200	A
Weathering Steel	10%			LIFE	* *	1		A
Windows								
Aluminum	100%	4+	\$273,400	2030	* *	5	\$34,400	A
	Deteriorat	ted Finish,	Extent : Moderate,	Area Afj	fected : 50%			
	Location	: Through	out					
	-	Inefficient : Through	, Extent : Moderate out	, Area Ą	ffected : 50%			
Parapets								
Concrete Masonry Unit	80%	Now	\$62,200	LIFE	* *	5	\$28,500	A
	•		e, Extent : Modera acade, South Facad		Affected : 25%			
Metal Rail	20%	Now	\$15,900	2027	* *	5	\$44,700	A
		/Rusting, E : East Fac	Extent : Moderate, A cade	Area Affe	cted : 20%			
Roof								
Built-Up (BUR)	50%	Now	\$566,600	2032	* *			A
		xtent : Mod : Upper Ro	derate, Area Affecte oof	ed : 25%				
		aged Flash : Upper Ro	sings, Extent : Mode	erate, Ar	ea Affected : 25%			
	Repairs in		Extent : Light, Ared	a Affecte	d : 66%			
	Worn/Eroc		: Moderate, Area	Affected	: 100%			
Modified Bitumen	50%	· · · · · · · ·	J	2022	\$720,500	10	\$130,500	A
torior	3070			2022	Ψ120,300	10	Ψ130,300	П

Interior

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

Asset #: 2796

Architecture		Current F	Repair	Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								
Floors Carpet		ır/Impact D	\$78,400 amage, Extent : Li	2021 ght, Area	\$391,800 a Affected : 30%	3	\$48,600	C
Cast in Place Concrete	55% Broken/M Location Cracking/	issing Elem 1 : Through	\$117,100 nents, Extent : Ligh out Extent : Light, Ard			5	\$259,800	С
Ceramic Tile	5% Cracking/	Now	\$9,900 Extent : Light, Ard	2031 ea Affect	* * ed : 5%	5	\$5,400	С
Vinyl Tile	-		\$87,000 Extent : Light, Area out	2022 Affected	\$435,000 1:20%	3	\$20,200	С
Interior Walls								
Concrete Masonry Unit			\$83,000 Extent : Light, Ard out	LIFE ea Affect	* * ed : 10%	5	\$31,500	С
Gypsum Board	_		\$15,500 Extent : Light, Are out	LIFE ea Affect	* * ed : 20%	5	\$23,600	С
Plywood/Hardboard	10%			LIFE	* *			С
Ceilings AcousTileConcealSpLn	_		\$9,500 Extent : Light, Ard out	2035 ea Affect	* * ed : 10%	5	\$7,700	В
AcousTileSusp.Lay-In			\$71,200 Extent : Light, Are	2035 ea Affect	* * ed : 10%	5	\$92,800	В
Exposed Concrete	10% Cracking/	4+	\$15,100 Extent: Light, Are	LIFE ea Affect	* * ed : 5%	5	\$3,900	В
Metal Panel	_		\$7,800 Extent : Light, Ard out	LIFE ea Affect	* * ed : 10%	5	\$30,900	В

Electrical	Curren	t Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts Service Equipment Fused Disc Sw	100%		2022	\$34,100	3	\$700	В

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

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

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
ver 600 Volts								
Transformers								
Dry Type	100%			2020	\$34,000	3	\$900	В
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	cted : 100%			
	Location	: Electrica	al Room					
	Explanat	ion : One 2	2000 Kva 4160hv-4	180y/265i	ľv			
Feeders								
Cable	100%			2021	\$1,000	1		В
Raceway								
Conduit	100%			2022	\$3,600	1		В
Inder 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2022	\$66,200	5	\$700	В
	Other Obs	ervation, E	Extent : Moderate, 1	Area Affe	cted : 100%			
	Location	: Electrica	ıl Room					
	Explanat	ion : Two	2000 Amps Main L	Disconnec	t Switch			
Transformers								
Dry Type	100%			2020	\$14,200	5	\$600	В
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	cted : 100%			
	Location	: Electrica	al Room					
	Explanat	ion : One 2	225 Kva 480hv-208	By/120lv				
Switchgear / Switchboard								
Fused Disc Sw	100%			2022	\$166,500	5	\$700	В
Raceway								
Conduit	100%			2022	\$220,500	1		В
Panelboards								
Fused Disc Sw	15%			2021	\$25,800	5	\$500	В
Molded Case Bkrs	85%			2021	\$146,300	5	\$3,500	В
Wiring								
Braided Cloth	50%	2-4	\$128,400	2047	* *	1		В
	Insulation	Aged, Exte	ent : Moderate, Are	a Affecte	d: 100%			
	Location	: Through	out					
Thermoplastic	50%			2022	\$128,400	1		В
Motor Controllers	3070			2022	Ψ120,400	1		<u>D</u>
Locally Mounted	10%			2020	\$21,100	5	\$100	В
Motor Control Center	90%			2020	\$421,900	5	\$3,900	В
Motor Control Center		Corroded	Extent : Moderate			3	\$3,700	ъ
		: Basemen		, meu Ay	100/0			
	Locuiton	. Dusemen	<i>.</i>					
round								
Grounding Devices	1000/							D
Not Accessible ighting	100%							D

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

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

Asset #: 2796

Electrical	Current Repair	Future	e Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting						
Interior Lighting						
Fluorescent	20%	2017	\$121,000	10	\$26,500	В
	Other Observation, Extent : Moderat	te, Area Affe	cted : 100%			
	Location : Throughout The Buildin	g				
	Explanation: T-12 Lamps					
Fluorescent	50%	2030	* *	10	\$66,200	В
	Other Observation, Extent : Moderat	te, Area Affe	cted : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
HID	20%	2017	\$100,100	10	\$900	В
HID	10%	2027	* *	10	\$500	В
Egress Lighting						
Emergency, Battery	50%	2030	* *	10	\$17,400	В
Exit, Service	40%	2030	* *	1		В
Exit, Service	10%	2017	\$2,000	1		В
Exterior Lighting						
HID	100%	2017	\$54,800	10	\$500	В
Alarm						
Security System						
No Component	90%					D
Generic	10%	2027	* *	1	\$5,900	В
-	·	•	•	•	•	•

Mechanical	Current Repair Future Replaceme		e Replacement	M	aintenance			
System Component Type	% of Total	Fail Date Est (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
HTHW/HW	100%			2032	* *	1		В
Conversion Equipment								
HTHW/HW Exchanger	100%			2025	\$37,100	2	\$8,800	В
	Other Observation, Extent : Light, Area Affected : 100%							
	Location	: Tunnel						
	Explana	tion: 2 Units						
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$68,700	2030	* *	4	\$7,100	В
	Corroded,	Extent : Severe	e, Area Affecte	d: 10%			,	
	Location	: Basement						
Terminal Devices								
Convector/Radiator	40%			2027	* *	1	\$18,600	В
Fan Coil Unit/Heat	60%			2022	\$1,228,400	1	\$28,000	В
Air Conditioning							•	
Energy Source								
District C.W.	100%			2032	* *	1		В
	Other Obs	ervation, Exten	t : Light, Area	Affected	: 100%			
		: District Cold						
	Explanat	tion : Used For	Refrigeration	Only, No	ot Air Conditioning			

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

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

Asset #: 2796

Mechanical		Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning				•				•
Conversion Equipment								
Centrifugal, Elec Chille				2025	\$350,200	1	\$148,300	В
			Extent : Light, Area	Affected	: 100%			
		ı : Utility E	_	1117				
		tion : 6 Ch	illers Provide Chill					
Ext Pkg Unit - Cooling	5%			2027	* *	2	\$400	В
			Extent : Light, Area	Affected	: 100%			
	Location	-	0					
D:	Explana	tion : R-41	0a					
Distribution	1000/	NT	ф22 400	2022	* *	4	Φ7.100	ъ
Chilled Wtr Pipe/Pump	100%		\$33,400 Extent : Severe, Ar	2032		4	\$7,100	В
			Extent : Severe, Ar Water Pipes	еа Ајјесі	ea : 10%			
Tamainal Daviasa	Location	i . Chillea	water Fipes					
Terminal Devices Direct Expansion	5%			2027	* *	1		В
Fan Coil - Cooling	95%			2027	\$1,000,200	1	\$44,300	В
Tan Con - Cooling		servation l	Extent : Light, Area			1	\$44,300	ь
		ı : Through	_	Пусска	. 10070			
			tional Split Air Con	ditionin	Systems Relong	To Share	Holders	
Heat Rejection	Expiana		tional Spili Hir Con		s systems Belong	e o Britis e	11014615	
Water Cool Tower	100%			2020	\$392,500	2	\$145,200	В
		servation, I	Extent : Light, Area				, , -	
		ı : Utility E	_					
	Explana	tion : 3 Co	oling Towers					
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$80,400	В
Exhaust Fans								
Roof	100%			2027	* *	2	\$4,400	В
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2027	* *	1		В
HW Heat Exchanger								
HTHW/HW	100%			2022	\$315,600			В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping	,					_		_
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)	400		.	201-	.		**	-
Submersible	100%		\$6,300	2017	\$6,300	4	\$1,600	В
			xtent : Light, Area A	Affected :	100%			
	Location	ı : Baseme	nt					
Fixtures	400=							ъ
Generic	100%							В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HUNTS POINT CO-OP MARKET BUILDING B

Address : FOOD CENTER DRIVE

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBS0022.010 / 2130 Yr Built/Renovated : 1973 /

Area Sq Ft : 154,162 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 22-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2781 Lot : 500 BIN : 2109483

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,575,900	\$932,200
Interior Architecture	\$467,800	\$707,000
Electrical	\$455,000	\$968,500
Mechanical		\$2,752,200
Total	\$2,498,700	\$5,359,800
Priority A	\$1,575,900	\$932,200
Priority B	\$649,200	\$3,811,300
Priority C	\$273,600	\$616,300
Total	\$2,498,700	\$5,359,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$34,200	\$28,000		
Interior Architecture	\$37,700		\$15,800	\$5,300
Electrical	\$2,700	\$8,500	\$600	\$700
Mechanical	\$126,000	\$30,000	\$65,400	\$23,700
Total	\$200,600	\$66,500	\$81,800	\$29,700
Priority A	\$34,200	\$28,000		
Priority B	\$147,300	\$38,500	\$66,000	\$24,400
Priority C	\$19,200		\$15,800	\$5,300
Total	\$200,600	\$66,500	\$81,800	\$29,700



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

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

Asset #: 2130

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls Cast in Place Concrete	_		\$75,500 Extent : Moderate Docks	LIFE , Area Aj	** ffected : 25%	5	\$35,300	A
Concrete Masonry Unit	Int Morta Location Caulking	: North Fo Deteriorate	\$413,600 d, Extent : Moderat acade, South Facad d, Extent : Modera acade, South Facad	le te, Area		5	\$66,200	A
Metal Coiling Doors	10%			2027	* *	5	\$44,100	A
Weathering Steel	10%			LIFE	* *	1		A
Windows Aluminum	Location Thermally	ted Finish, : Through	Extent : Moderate			5	\$33,600	A
Parapets	Locuitor	. Inrough	oui					
Concrete Masonry Unit	Expansion	Int Failur	\$34,200 e, Extent : Modera ucade, South Facad			5 de	\$31,300	A
Metal Panel	10%			2042	* *	5	\$11,900	A
Roof Built-Up (BUR)	Location	: Upper Ro	-		**			A
	Location Worn/Ero	: Through	: Moderate, Area					
Modified Bitumen	50%			2022	\$703,200	10	\$127,400	A
Interior								
Floors Carpet	15%			2021	\$382,500	3	\$47,400	С
Cast in Place Concrete	60% Cracking/		\$124,700 Extent : Light, Are	LIFE	* *	5	\$276,600	C
Ceramic Tile	_		\$9,700 Extent : Light, Are out	2031 ea Affecte	* * ed : 20%	5	\$5,300	С
Vinyl Tile			\$67,900 Extent : Light, Are out	2022 ea Affecte	\$339,700 ed: 10%	3	\$15,800	С

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

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

Asset #: 2130

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								
Interior Walls								
Ceramic Tile	5%			2031	* *	5	\$6,400	C
Concrete Masonry Unit	60%	Now	\$81,000	LIFE	* *	5	\$30,800	C
	_	Crumbling, 1 : Through	Extent : Light, Are out	ea Affecto	ed : 10%			
Gypsum Board	25%	Now	\$6,300	LIFE	* *	5	\$19,200	С
		Crumbling, 1 : Through	Extent : Light, Are out	ea Affecte	ed : 10%			
Plywood/Hardboard	10%			LIFE	* *			С
Ceilings								
AcousTileConcealSpLn	10%	Now	\$18,500	2027	* *	5	\$15,100	В
	_	Crumbling, 1 : Through	Extent : Light, Are out	ea Affecte	ed : 20%			
AcousTileSusp.Lay-In	75%	Now	\$139,000	2035	* *	5	\$90,600	В
	U	Crumbling, 1: Through	Extent : Light, Are out	ea Affecto	ed : 10%			
Exposed Concrete	15%	Now	\$55,300	LIFE	* *	5	\$5,700	В
	_	Crumbling, 1 : Through	Extent : Light, Are	ea Affecto	ed : 10%			

Electrical	Current Repair	Future	Replacement	M	aintenance			
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Over 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2022	\$34,100	3	\$700	В		
	Other Observation, Extent : Mod Location : Electrical Room	lerate, Area Affe	cted : 100%					
	Explanation : One 600 Amps M	Iain Disconnect	Switch At 4800 Vo	lts Suppl	y			
Transformers								
Dry Type	100%	2020	\$34,000	3	\$800	В		
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Electrical Room							
	Explanation : One 2000 Kva 4	160hv-480y/265l	v					
Feeders		-						
Cable	100%	2021	\$1,000	1		В		
Raceway								
Conduit	100%	2022	\$3,600	1		В		
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2022	\$66,200	5	\$700	В		
	Other Observation, Extent : Mod	lerate, Area Affe	cted : 100%					
	Location: Electrical Room							
	Explanation: One 800 Amps M	ain Disconnect	Switch					

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

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

Asset #: 2130

Electrical		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Jnder 600 Volts									
Transformers									
Dry Type	100%			2020	\$14,200	5	\$600	В	
			Extent : Moderate, A	Area Affe	ected : 100%				
		ı : Electrice		(1201	0 250 W 460L	200 //	201 4 120 17		
	-	tion : One 1 08y/120lv	225 Kva 460hv-208	y/120lv,	One 250 Kva 460n	v-208y/1	20lv And 30 Kva		
Switchgear / Switchboard									
Fused Disc Sw	100%			2022	\$166,500	5	\$700	В	
Raceway									
Conduit	95%			2022	\$209,400	1		В	
Conduit	5%			2048	* *	1		В	
Panelboards									
Fused Disc Sw	10%			2021	\$17,200	5	\$400	В	
Molded Case Bkrs	90%			2021	\$154,900	5	\$3,700	В	
Wiring									
Braided Cloth	55%		\$141,300	2047	* *	1		В	
		_	ent : Moderate, Are	a Affecte	ed : 100%				
	Location	ı : Through	out						
Thermoplastic	40%			2022	\$102,700	1		В	
Thermoplastic	5%			2048	* *	1		В	
Motor Controllers									
Locally Mounted	20%			2020	\$42,100	5	\$200	В	
Motor Control Center	80%			2020	\$168,500	5	\$3,400	В	
Ground									
Grounding Devices									
Not Accessible	100%							D	
ighting									
Interior Lighting									
Fluorescent	30%			2017	\$177,200	10	\$38,700	В	
			Extent : Moderate, A	Area Affe	ected : 100%				
			out The Building						
		tion : T-12	Lamps						
Fluorescent	45%			2030	* *	10	\$58,100	В	
	Other Observation, Extent: Moderate, Area Affected: 100%								
		ı : Through							
	Explana	tion : T-5 I	amps						
HID	5%			2027	* *	10	\$200	В	
HID	20%			2017	\$97,700	10	\$900	В	
Egress Lighting									
Emergency, Battery	50%			2030	* *	10	\$17,000	В	
Exit, Service	20%			2030	* *	1		В	
Exit, Service	30%			2017	\$5,800	1		В	
Exterior Lighting									
Not Accessible	100%							D	

Alarm

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.

Electrical	Curren	t Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Alarm							
Security System							
No Component	90%						D
Generic	10%		2027	* *	1	\$5,800	В

Mechanical		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
Heating								•
Energy Source HTHW/HW	100%			2032	* *	1		В
Conversion Equipment HTHW/HW Exchanger	Location	, Extent : M n : Heat Exc	0			2	\$6,900	В
	Location	servation, E n : Tunnel (ution : 2 Un	·	Affected	: 100%			
Distribution								
Hot Wtr Piping/Pump			\$33,500 evere, Area Affected	2030 d:5%	* *	4	\$6,900	В
		teriorating, n : Basemer	Extent : Moderate, nt Area	Area Aff	fected : 5%			
Terminal Devices								
Convector/Radiator	40%			2027	**	1	\$18,200	В
Fan Coil Unit/Heat	60%	1		2022	\$1,199,000	1	\$27,300	В
Air Conditioning								
Energy Source District C.W.	100%			2032	* *	1		В
District C.W.	Other Ob.	servation, E n : District	Extent : Light, Area Cold Water Service For Refrigeration	Affected	: 100%			D
Conversion Equipment	Вхрита	mon . e seu	1 or Regrigeration	Oniy, 110	i i i i Conditioning			
Centrifugal, Elec Chiller			Extent : Light, Area	2031 Affected	* * : 100%	1	\$144,800	В
	Location	n : Utility B	_			ımonia		
Ext Pkg Unit - Cooling	5% R-22 Refr	rigerant, Ex	tent : Light, Area A lit System Dx	2027	* *	2	\$400	В
	Other Ob.	servation, E n : Roof	Extent : Light, Area		: 100%			
	Explana	tion: 3 Dx	Systems Used As B	ack Up				

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

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

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Distribution								_
Chilled Wtr Pipe/Pump	100%	Now	\$32,600	2032	* *	4	\$6,900	В
			oderate, Area Affe)			
			ports In Tunnel Ar		. 1 50/			
		eriorating, : : Through	Extent : Moderate,	Area Aff	ected : 5%			
Terminal Devices	Location	· Inrough						
Fan Coil - Cooling	100%			2022	\$1,027,700	1	\$45,500	В
C	Other Obs	ervation, E	xtent : Light, Area	Affected			, ,	
		: Through						
	Explana	tion : Addit	ional Split Air Con	ditioning	Systems Belong T	o Share	Holders	
Heat Rejection			-					
Water Cool Tower	100%			2020	\$383,100	2	\$141,700	В
	Other Obs	ervation, E	xtent : Light, Area	Affected				
	Location	: Utility Bi	uilding Roof					
	Explana	tion : 3 Cod	oling Towers					
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$78,500	В
Exhaust Fans								
Roof	100%			2022	\$106,100	2	\$4,300	В
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2032	* *	1		В
HW Heat Exchanger								
HTHW/HW	100%			2032	* *			В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)		_						_
Submersible	100%	0-2	\$6,300	2017	\$6,300	4	\$1,600	В
			Extent : Severe, Ar	ea Affect	ed : 100%			
	Location	: Basemen	t					
Fixtures								
Generic	100%							В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HUNTS POINT CO-OP MARKET BUILDING C

Address : FOOD CENTER DRIVE

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBS0022.020 / 2131 Yr Built/Renovated : 1973 /

Area Sq Ft : 156,908 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 22-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2781 Lot : 500 BIN : 2109484

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,744,700	\$980,200
Interior Architecture	\$472,900	\$379,900
Electrical	\$478,500	\$943,900
Mechanical		\$3,132,300
Total	\$2,696,100	\$5,436,400
Priority A	\$1,744,700	\$980,200
Priority B	\$742,100	\$4,174,600
Priority C	\$209,300	\$281,500
Total	\$2,696,100	\$5,436,400

Total	\$260,700	\$76,200	\$66,900	\$46,100
Priority C	\$94,400			\$21,500
Priority B	\$131,600	\$70,200	\$66,900	\$24,600
Priority A	\$34,800	\$6,100		
Total	\$260,700	\$76,200	\$66,900	\$46,100
Mechanical	\$129,000	\$30,200	\$66,300	\$23,800
Electrical	\$2,600	\$40,000	\$600	\$800
Interior Architecture	\$94,400			\$21,500
Exterior Architecture	\$34,800	\$6,100		
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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 #: 2131

rchitecture	Current	Repair	Futur	e Replacement	M	aintenance	
vstem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior							
Exterior Walls Cast in Place Concrete	10% Now Cracking/Crumbling Location: Loading		LIFE , Area A <u>j</u>	* * fected : 10%	5	\$71,900	A
Concrete Masonry Unit	70% Now Jnt Mortar Miss/Ere Location: North H	\$392,900 od, Extent : Moderat Facade, South Facad		* * Affected : 15%	5	\$62,900	A
Metal Coiling Doors	10% Now Broken/Missing Ele Location: Throug	_	2035 t, Area A	* * ffected : 10%	5	\$22,500	A
Weathering Steel	10% Now Broken/Missing Ele Location: Throug		LIFE t, Area A	* * ffected : 10%	1		A
Windows					_		
Aluminum	100% Now Deteriorated Finish Location: Throug Thermally Inefficient Location: Throug	hout at, Extent : Moderate			5	\$34,200	A
Parapets							
Concrete Masonry Unit	90% Now Expansion Int Failu Location: North I	\$34,800 are, Extent : Modera Facade, South Facad		* * Affected : 25%	5	\$31,800	A
Metal Panel	10%		2042	* *	5	\$12,100	A
Roof Built-Up (BUR)	50% Now Blisters, Extent: Mo Location: Upper F		2032 ed : 25%	* *			A
	Miss/Damaged Flas Location: Upper I Repairs in Progress Location: Throug	Roof , Extent : Light, Ared hout	a Affecte	d : 66%			
	Worn/Eroded, Exter Location: Upper F		Affected :	50%			
Modified Bitumen	50%	-	2022	\$715,800	10	\$129,700	

Interior

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

Asset #: 2131

Architecture	Current Re	pair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior							
Floors	1.50/ 3.1	φ10. 5 00	2021	ф 2 00 2 00	2	ф.40. 2 00	a
Carpet	15% Now Punct/Tear/Impact Da Location : Throughout		2021 ght, Area	\$389,300 Affected : 10%	3	\$48,300	С
Cast in Place Concrete	60% Now Cracking/Crumbling, I Location: Throughout	_	LIFE ea Affecte	* * ed : 10%	5	\$281,500	С
Ceramic Tile	5% Now Cracking/Crumbling, I Location: Throughout	_	2031 ea Affecte	* * ed : 10%	5	\$5,400	С
Vinyl Tile	20% 0-2 Cracking/Crumbling, 1 Location: Throughout		2027 ea Affecte	* * ed : 20%	3	\$16,100	С
Interior Walls							
Concrete Masonry Unit	60% Now Cracking/Crumbling, I Location: Throughout		LIFE ea Affecte	* * ed : 10%	5	\$31,300	С
Gypsum Board	30% 0-2 Cracking/Crumbling, 1 Location: Throughout		LIFE ea Affecte	* * ed : 10%	5	\$23,500	С
Plywood/Hardboard	10% Now Broken/Missing Eleme Location : Throughout	_	LIFE t, Area A	* * ffected : 10%			С
Ceilings	100/	Φ27.700	2025	* *	_	φ1. 7 .400	D
AcousTileConcealSpLn	10% Now Cracking/Crumbling, 1 Location: Throughout		2027 ea Affecte		5	\$15,400	В
AcousTileSusp.Lay-In	80% Now Cracking/Crumbling, I Location: Throughout	_	2035 ea Affecte	* * ed : 10%	5	\$98,400	В
Exposed Concrete	10% 4+ Cracking/Crumbling, 1 Location: Throughout		LIFE ea Affecte	* * ed : 10%	5	\$3,800	В

Electrical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2022	\$34,100	3	\$700	В
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location : Electrical Room					
	Explanation: One 600 Amps Main Di	sconnect	Switch At 4800 Vo	lts Suppi	ly .	

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

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

Asset #: 2131

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts							
Transformers	400-			** * * * * * * * * * * * * * * * * * *	_	4000	_
Dry Type	100%		2020	\$34,000	3	\$900	В
		servation, Extent : Moderate,	Area Affe	ected : 100%			
		n : Electrical Room tion : One 2000 Kva 4160hv-	190/265	- 1			
Feeders	Ехріапа	nion : One 2000 Kva 4100nv-	-460y/20L) (V			
Cable	100%		2021	\$1,000	1		В
Raceway	10070		2021	ψ1,000			ь
Conduit	100%		2022	\$3,600	1		В
Under 600 Volts	10070			Ψ2,000			
Service Equipment							
Fused Disc Sw	100%		2022	\$66,200	5	\$700	В
	Other Ob:	servation, Extent : Moderate, .	Area Affe	ected : 100%			
	Location	n : Electrical Room					
	Explana	tion : One 800 Amps Main Di	isconnect	Switch			
Transformers							
Dry Type	100%		2020	\$14,200	5	\$600	В
		servation, Extent : Moderate,	Area Affe	ected : 100%			
		n : Electrical Room	00 (1201	4 10 25 77	4001 20	0. (120)	
9 1 1 (9 1 1 1	Explana	tion : One 225 Kva 460 Hv-20	08y/120lv	And One 25 Kva	480hv-20	98y/120lv	
Switchgear / Switchboard Fused Disc Sw	100%		2022	\$166,500	5	\$700	В
	100%		2022	\$100,300	5	\$700	D
Raceway Conduit	100%		2022	\$220,500	1		В
Panelboards	100/0		2022	\$220,300	1		ъ
Fused Disc Sw	10%		2021	\$17,200	5	\$400	В
Molded Case Bkrs	10%		2030	**	5	\$400	В
Molded Case Bkrs	80%		2021	\$137,700	5	\$3,300	В
Wiring	0070			4107,700		42,200	
Braided Cloth	60%	2-4 \$154,100	2047	* *	1		В
		Aged, Extent : Moderate, Are		ed : 100%			
	Location	ı : Throughout					
Thermoplastic	35%		2022	\$89,900	1		В
Thermoplastic	5%		2032	**	1		В
Motor Controllers							
Locally Mounted	30%		2020	\$63,200	5	\$300	В
Motor Control Center	70%		2020	\$147,400	5	\$3,000	В
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$2,300	В
Lighting							

Lighting

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

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

Asset #: 2131

Electrical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting						
Interior Lighting						
Fluorescent	25%	2017	\$150,300	10	\$32,900	В
	Other Observation, Extent: Moderate, Location: Throughout The Building Explanation: T-12 Lamps	Area Affe	ected : 100%			
Fluorescent	40%	2030	* *	10	\$52,600	В
	Other Observation, Extent : Moderate, Location : Throughout Explanation : T-8 Lamps	Area Affe	ected : 100%			
HID	35%	2017	\$174,100	10	\$1,600	В
Egress Lighting						
Emergency, Battery	50%	2030	* *	10	\$17,300	В
Exit, Service	30%	2030	* *	1		В
Exit, Service	20%	2017	\$3,900	1		В
Exterior Lighting						
Not Accessible	100%					D
Alarm						
Security System						
No Component	90%					D
Generic	10%	2027	* *	1	\$5,900	В

lechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
eating								
Energy Source								
HTHW/HW	100%			2032	* *	1		В
Conversion Equipment								
HTHW/HW Exchanger	100%	Now	\$1,800	2025	\$36,900	2	\$7,000	В
_	Corroded,	Extent: M	oderate, Area Affe	cted : 5%	ó			
	Location	: Tunnel						
	Other Obs	ervation, E	xtent : Light, Area	Affected	: 100%			
	Location	: Tunnel	_					
	Explana	tion : 2 Uni	ts					
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$34,100	2030	* *	4	\$7,100	В
1 0 1	Corroded,	Extent: M	oderate, Area Affe	cted : 5%	ó			
	Location	: Tunnel A	rea					
Terminal Devices								
Convector/Radiator	40%			2027	* *	1	\$18,500	В
Fan Coil Unit/Heat	60%			2022	\$1,220,400	1	\$27,800	В

Air Conditioning

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

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

Asset #: 2131

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ir Conditioning								
Conversion Equipment					** ********	_	** 1= * 00	_
Centrifugal, Elec Chille				2025	\$347,900	1	\$147,300	В
			Extent : Light, Area	Affected	: 100%			
		n : Utility B		1 1 1 1 1 .	D.C.			
			llers Provide Chill					
Ext Pkg Unit - Cooling	5%			2027	* *	2	\$400	В
			Extent : Light, Area	Affected	: 100%			
	Location			.05				
	Explana	ttion : 3 Un	its, Refrigerant R-5	0/				
Distribution	1.000/	3.7	#22.200	2022	* *		Φ7.100	ъ
Chilled Wtr Pipe/Pump	100%		\$33,200	2032		4	\$7,100	В
			Extent : Moderate,	Агеа Ајј	естеа : 5%			
		n : Through		A CC . 1	1000/			
		servation, E n : Chilled \	Extent : Light, Area	Affectea	: 100%			
				O	l. C En I	Letter De	21 42	
Terminal Devices	Ехріапа	tton : Usea	For Refrigerator I	soxes On	iy - Comes From C	питу ви	uaing	
	50/			2027	* *	1		D
Direct Expansion	5%			2027		1	¢44.000	В
Fan Coil - Cooling	95% Other Ob		Extent : Light, Area		\$993,700	1	\$44,000	В
		n : Through	=	Ајјестеи	. 100/0			
		_	ional Split Air Con	ditioning	Systems Relang T	o Shara	Holders	
Heat Rejection	Ехрини	non . Maan	ionai spili Mi Con	annoning	Systems Detong 1	O Share	Howers	
Water Cool Tower	100%			2020	\$389,900	2	\$144,200	В
water coor rower			Extent : Light, Area			2	φ144,200	ъ
		n : Utility B	_	rijjecica	. 10070			
		-	oling Towers					
Ventilation	2. q terres		20,000					
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$79,900	В
Exhaust Fans							1 - 2 - 2 - 2	
Roof	100%			2022	\$108,000	2	\$4,400	В
lumbing					, , , , , , , ,		, ,	
H/C Water Piping								
Brass/Copper	30%			2032	* *	1		В
Galv Iron/Steel	70%			2027	* *	1		В
HW Heat Exchanger								
HTHW/HW	100%			2032	* *			В
			Extent : Light, Area	Affected	: 100%			
		n : Tunnel	<u>.</u>					
	Explana	tion : 2 Un	its					
Sanitary Piping	-							
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT CO-OP MARKET BUILDING C

Mechanical	Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing Sump Pump(s) Submersible	100% 0-2	\$6,300	2017	\$6,300	4	\$1,600	В
	Obsolete Equipment, Location: Basement		ea Affec	ted : 100%			
Fixtures Generic	100%						В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HUNTS POINT CO-OP MARKET UTILITY BUILDING D

Address : FOOD CENTER DRIVE

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 23,232 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 22-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2781 Lot : 500 BIN : 2109485

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$551,400	
Interior Architecture	\$94,000	\$71,900
Electrical	\$50,700	\$898,100
Mechanical		\$64,200
Total	\$696,000	\$1,034,300
Priority A	\$551,400	
Priority B	\$91,100	\$962,400
Priority C	\$53,500	\$71,900
Total	\$696,000	\$1,034,300

Total	\$122,600	\$63,100	\$10,500	\$4,300
Priority C	\$14,600			\$200
Priority B	\$66,200	\$60,900	\$10,500	\$4,000
Priority A	\$41,700	\$2,200		
Total	\$122,600	\$63,100	\$10,500	\$4,300
Mechanical	\$42,100	\$27,200	\$10,500	\$4,000
Electrical	\$300	\$33,700		\$100
Interior Architecture	\$38,500			\$200
Exterior Architecture	\$41,700	\$2,200		
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

Asset #: 2132

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
kterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$7,800	Α
Concrete Masonry Unit	88%		\$107,600	LIFE	**	5	\$17,200	Α
	-		e, Extent : Modera	te, Area	Affected : 10%			
		n : South Fa		4 4 66	. 1 100/			
			xtent : Moderate, 1	Area Affe	cted : 10%			
	-	n : South Fo						
Metal Coiling Doors	5%		\$16,800	2035	* *	5	\$2,400	A
			nents, Extent : Mod	erate, Ar	ea Affected : 15%			
	Location	n : South Fo	ıcade					
Window Wall	2%			2042	* *	5	\$2,400	A
Windows				• • • •		_	44.000	
Aluminum	5%	3.7	фо л соо	2030	* *	5	\$1,800	A
Metal Louvers	95%		\$97,600	2031	**			A
			nents, Extent : Ligh	t, Area A	ffected: 10%			
	Locanoi	ı : Through	оит					
Parapets Manage Hair	0.50/	M	¢24.000	LIEE	* *	_	¢11 400	
Concrete Masonry Unit	95%		\$24,900 e, Extent : Modera	LIFE		5	\$11,400	A
	_	r : South Fa		ie, Area	Affecieu . 2570			
			d, Extent : Modera	to Area	Affected · 25%			
		n : Interior		ie, 111eu 1	ijjeciea . 2570			
Metal Panel	5%			2042	* *	5	\$2,100	A
Roof							. , , , , , , , , , , , , , , , , , , ,	
Built-Up (BUR)	25%	Now	\$71,900	2032	* *			A
• • •	Blisters, E	Extent : Mod	derate, Area Affect	ed : 25%				
	Location	ı : Through	out					
	Repairs in	n Progress,	Extent : Light, Are	a Affecte	d : 66%			
	Location	ı : Through	out					
	Vegetatio	n Growth, I	Extent : Severe, Are	ea Affecte	ed : 25%			
		ı : Through						
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 50%			
	Location	ı : Through	out					
Modified Bitumen	75%	Now	\$274,300	2032	* *			A
	Blisters, E	Extent : Mod	derate, Area Affect	ed : 25%				
	Location	ı : Through	out					
		_	ings, Extent : Mod	erate, Ar	ea Affected : 25%			
		ı : Through						
	_	-	ctent : Moderate, A	rea Affec	eted : 15%			
	Location	ı : Through	out					

Interior

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

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

Asset #: 2132

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
Interior								
Floors								
Cast in Place Concrete	93%			LIFE	* *	5	\$71,900	C
Ceramic Tile	2%			2031	* *	5	\$700	C
Vinyl Tile	5%	Now	\$14,200	2032	* *	3	\$700	C
	Location Cracking/	: Entrance	Extent : Moderate	33				
Interior Walls								
Concrete Masonry Unit			\$53,500 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$10,200	С
Gypsum Board	10%			LIFE	* *	5	\$1,900	С
Metal Panel	10%			LIFE	* *		. ,	С
Ceilings								
AcousTileSusp.Lay-In	U		\$2,700 Extent : Light, Are out	2027 ea Affecte	* * ed : 10%	5	\$1,800	В
Exposed Concrete		4+ Crumbling, 1 : Through	\$40,400 Extent : Light, Are out	LIFE ea Affect	* * ed : 10%	5	\$4,100	В
Exposed Struc: Steel		4+ /Rusting, E ı : Through	\$21,200 Extent : Light, Area out	LIFE Affected	**			В

lectrical	Current Repair	Future	Replacement	Ma	aintenance				
rstem Component Type	% of Fail Date Estimated C Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
ver 600 Volts									
Service Equipment									
Air Circuit Breaker	100%	2022	\$34,100	3	\$100	В			
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Electrical Room								
	Explanation: One 2500 Amps An	d One 1000 Ai	nps Main Disconr	ect Swite	ch				
Transformers									
Dry Type	40%	2020	\$63,800	3	\$100	В			
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Electrical Room								
	Explanation: Two1500/2000 Kva	4160hv-480y/	/277lv						
Liquid Filled	60%	2020	\$95,700	3	\$100	В			
1	Other Observation, Extent : Modera	ate, Area Affec	cted : 100%						
	Location : Outside								
	Explanation: Four 4200/5260 Kv	ra 13,200hv-41	160y/2402lv						
Switchgear / Switchboard	-		-						
Air Circuit Breaker	100%	2022	\$3,700	3	\$200	В			

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

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

Asset #: 2132

Electrical	C	urrent Repair	Futur	e Replacement	Ma	aintenance	
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts							
Feeders							
Cable	100%		2021	\$43,700	1		В
Raceway							
Conduit	100%		2022	\$28,300	1		В
Under 600 Volts							
Service Equipment							
Molded Case Bkrs	50%		2022	\$1,500	5	\$300	В
Molded Case Bkrs	50%		2042	* *	5	\$300	В
Transformers							
Dry Type	100%		2020	\$29,700	5	\$100	В
	Other Observ	ation, Extent : Moderate, A	Area Affe	cted : 100%			
	Location : E	Electrical Room					
	Explanation	: One 750 Kva 480hv-208	8y/120lv				
Switchgear / Switchboard							
Fused Disc Sw	50%		2022	\$264,400	5	\$100	В
Molded Case Bkrs	50%		2032	* *	5	\$300	В
Raceway							
Conduit	80%		2022	\$373,200	1		В
Conduit	20%		2032	* *	1		В
Panelboards							
Fused Disc Sw	15%		2021	\$8,300	5	\$100	В
Fused Disc Sw	5%		2030	**	5		В
Molded Case Bkrs	30%		2030	* *	5	\$200	В
Molded Case Bkrs	50%		2021	\$27,500	5	\$300	В
Wiring				7-1,000		72.00	
Thermoplastic	30%		2032	* *	1		В
Thermoplastic	70%		2022	\$29,800	1		В
Motor Controllers	7070			Ψ2>,000	-		
Locally Mounted	10%		2020	\$600	5		В
Motor Control Center	90%		2027	**	5	\$600	В
Ground	7070		2021			Ψ000	
Grounding Devices							
Generic Generic	100%		LIFE	* *	5	\$300	В
Lighting	10070		LIIL			Ψ300	ъ
Interior Lighting							
Fluorescent	30%		2027	* *	10	\$6,500	В
Tuorescent		ation, Extent : Moderate, A		cted · 100%	10	φ0,500	ъ
		Throughout The Building	irea rijje	cica : 10070			
		: T-8 Lamps					
		. 1-0 Lumps	2017	Φ50.700	10	фо. 7 00	D.
Fluorescent	40%	e Erra M.L.	2017	\$50,700	10	\$8,700	В
		ation, Extent : Moderate, A	<i>Area А</i> ЈЈе	стеа : 100%			
	Location : T	-					
		: T-12 Lamps					
HID	30%		2022	\$24,600	10	\$200	В
Egress Lighting							
Emergency, Battery	60%		2017	\$4,900	10	\$3,400	В
Exit, Service	40%		2017	\$1,300	1		В

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

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

Asset #: 2132

Electrical	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting Exterior Lighting							
HID	100%		2017	\$8,100	10	\$100	В

Mechanical		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
leating								
Energy Source								_
Electricity	5%			2032	* *	1		В
Fuel Oil No 4	95%			2032	* *	5	\$6,900	В
Conversion Equipment	0.50			2025	* *		444400	-
Hot Water Boiler	95%			2035		1	\$11,100	В
		servanon, E n : Mechan	Extent : Light, Area	Ајјестеа	: 100%			
D !' (II (tion : One	воиer	2022	Φ4.000		Φ500	D.
Radiant Heater	5%			2022	\$4,900	2	\$500	В
Distribution	1.000/	N	¢22.500	2020	* *	4	¢1 200	D
Hot Wtr Piping/Pump	100%		\$22,500 Toderate, Area Affe	2030		4	\$1,200	В
			out Basement Tunr		70			
		_			Footod , 500/			
	Location	_	Extent : Moderate,	Area Ajj	ieciea : 50%			
T	Locuitor	i. I ipes						
Terminal Devices Air Handler	10%			2022	\$12,100	1	\$1,500	В
No Component	90%			2022	\$12,100	1	\$1,500	D
Air Conditioning	9070							ע
Energy Source								
Electricity	100%			2038	* *	1		В
Conversion Equipment	10070			2030		•		
Centrifugal, Elec Chille	r 100%			2031	* *	1	\$25,600	В
			Extent : Light, Area		: 100%	_	+,	_
		n : Chiller I	=	55				
	Explana	tion : 6 Ch	illers Provide Chill	ed Water	r - Refrigerant Is A	mmonia		
Distribution	-							
Chilled Wtr Pipe/Pump	100%	Now	\$10,900	2032	* *	4	\$1,200	В
1	Insul. Det	eriorating,	Extent : Severe, Ar	ea Affect	ted : 20%			
	Location	ı : Distribu	tion Lines To Ware	houses				
Heat Rejection								
Water Cool Tower	100%			2020	\$64,200	2	\$23,800	В
	Other Ob:	servation, E	Extent : Light, Area	Affected	: 100%			
	Location	ı:Roof						
	Explana	tion : 3 Co	oling Towers Exist	On The	Utility Building Ro	of Each	Tower Has 4 Cells	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$13,200	В

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

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

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation Ventilation							
Exhaust Fans							
Interior	20%		2017	\$4,900	2	\$100	В
Roof	80%		2027	* *	2	\$600	В
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%		2027	* *	1		В
Water Heater							
Electric	100%		2017	\$3,500	4	\$200	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Sump Pump(s)							
Rigid Piping	100%		2017	\$10,500	4	\$2,500	В
Fixtures							
Generic	100%						В
	Obsolete l	Fixtures, Extent : Severe, Area	Affected	d : 100%			
	Location	: Throughout					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HUNTS POINT CO-OP MARKET WAREHOUSE E

Address : FOOD CENTER DRIVE

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBS0022.040 / 2133 Yr Built/Renovated : 1973 /

Area Sq Ft : 106,891 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 22-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2781 Lot : 500 BIN : 2109487

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$949,900	
Interior Architecture	\$408,800	\$244,600
Electrical	\$37,100	\$1,602,900
Mechanical		\$1,710,100
Total	\$1,395,700	\$3,557,600
Priority A	\$949,900	
Priority B	\$357,900	\$3,348,100
Priority C	\$87,900	\$209,500
Total	\$1,395,700	\$3,557,600

Total	\$219,500	\$21,100	\$81,700	\$36,800
Priority C	\$56,100			\$16,000
Priority B	\$112,900	\$21,100	\$81,700	\$20,900
Priority A	\$50,500			
Total	\$219,500	\$21,100	\$81,700	\$36,800
Mechanical	\$67,200	\$17,200	\$78,700	\$17,200
Electrical	\$5,100	\$4,000	\$3,000	\$3,700
Interior Architecture	\$96,800			\$16,000
Exterior Architecture	\$50,500			
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

Asset #: 2133

Architecture	Current Repair	Future Replacement	М		
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
xterior					
Exterior Walls Cast in Place Concrete	5% 2-4 \$7,000 Cracking/Crumbling, Extent : Light, Ar Location : Throughout	LIFE ** rea Affected : 10%	5	\$13,100	A
Concrete Masonry Unit	80% Now \$327,500 Expansion Int Failure, Extent : Modera Location : West Facade	LIFE * * nte, Area Affected : 5%	5	\$26,200	A
Metal Panel	10% Now \$3,600 Broken/Missing Elements, Extent: Light Location: Throughout	2042 ** nt, Area Affected : 10%	5	\$9,800	A
Metal Coiling Doors	5% Now \$28,200 Broken/Missing Elements, Extent: Light Location: Throughout	2035 ** nt, Area Affected : 10%	5	\$4,100	A
Windows					
Aluminum	90% Now \$41,700 Broken/Missing Elements, Extent : Light Location : Throughout	2030 ** nt, Area Affected : 20%	5	\$5,300	A
Metal Louvers	10% Now \$3,300 Broken/Missing Elements, Extent: Light Location: Throughout	2031 ** nt, Area Affected : 10%			A
Parapets Concrete Masonry Unit	90% Now \$76,900 Expansion Jnt Failure, Extent : Modera Location : East Facade, West Facade	==	5	\$11,700	A
Metal Panel	10% Now \$8,400 Broken/Missing Elements, Extent: Light Location: Throughout	2042 ** nt, Area Affected : 10%	5	\$2,200	A
Roof					
Built-Up (BUR)	40% Now \$238,500 Blisters, Extent: Moderate, Area Affect Location: Throughout Repairs in Progress, Extent: Light, Are Location: Throughout Worn/Eroded, Extent: Moderate, Area	ea Affected : 66%			A
	Location: Throughout			**	
Built-Up (BUR)	25% Recent Replace Evident, Extent : Mode. Location : Partial Section	2032 ** rate, Area Affected : 100%	10	\$34,300	A
Modified Bitumen	35% 0-2 \$265,400 Blisters, Extent: Moderate, Area Affect Location: Throughout Miss/Damaged Flashings, Extent: Mod Location: Throughout	lerate, Area Affected : 25%			A
	Seams Open/Split, Extent : Moderate, A Location : Throughout	Area Affected : 15%			

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.

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

Asset #: 2133

Architecture	Cı	Current Repair		Futur	e Replacement	Maintenance			
ystem Component Type		l Date 'ears)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
terior									
Floors									
Carpet	/		\$14,500 ents, Extent : Light ut	2021 , <i>Area A</i>	\$289,600 ffected : 20%	3	\$35,900	С	
Cast in Place Concrete			\$47,200 Extent : Light, Are ut	LIFE a Affecte	* * ed : 10%	5	\$209,500	С	
Ceramic Tile			\$14,700 Extent : Light, Are ut	2031 a Affecte	* * ed : 10%	5	\$4,000	С	
Vinyl Tile		_	\$25,700 Extent : Light, Are ut	2027 a Affecte	* * ed : 10%	3	\$12,000	С	
Interior Walls									
Concrete Masonry Unit		_	\$40,700 Extent : Light, Are ut	LIFE a Affecte	* * ed : 10%	5	\$7,700	С	
Gypsum Board	20,0	_	\$1,300 Extent : Light, Are ut	LIFE a Affecte	* * ed : 10%	5	\$3,900	С	
Ceilings									
AcousTileConcealSpLn			\$21,600 Extent : Light, Are ut	2035 a Affecte	* * ed : 10%	5	\$35,200	В	
Exposed Struc: Steel		_	\$320,900 ents, Extent : Light ut	LIFE , Area Ą	* * ffected : 10%			В	
Metal Panel		_	\$19,100 nts, Extent : Light ut	LIFE , Area Ą	* * ffected : 10%	5	\$30,100	В	

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2022	\$34,100	3	\$500	В
Transformers						
Dry Type	100%	2020	\$34,000	3	\$600	В
	Other Observation, Extent : Moderate,	Area Affec	eted : 100%			
	Location: Electrical Room					
	Explanation: One 1000 Kva 4160hv	-480y/277lı	v & One 750 Kva	4160hv-4	480y/277lv	
Feeders						
Cable	100%	2021	\$1,000	1		В

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

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

Asset #: 2133

Electrical	Current Repair	Future	e Replacement	М				
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Over 600 Volts								
Raceway								
Conduit	100%	2022	\$3,600	1		В		
Under 600 Volts								
Service Equipment	1000/	2022	φ. 2.1 00	_	Φ	-		
Fused Disc Sw	100%	2022	\$62,100	5	\$500	В		
	Other Observation, Extent: Moderat	te, Area Affe	cted : 100%					
	Location: Electrical Room	D'	. G 1					
T C	Explanation: Two 1000 Amps Main	n Disconnec	t Switch					
Transformers	100%	2020	¢14.200	5	\$400	В		
Dry Type			\$14,200	5	\$400	Б		
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Electrical Room							
	Explanation: One 112.5 Kva 480h	v-208v/120h	. & One 15 Kva 18	20by-208	2v/120lv			
Switchgear / Switchboard	Explanation . One 112.3 Kva 400n	v-200y/120l1	. & One 43 Kva 40	JUILV-200	y/120iv			
Fused Disc Sw	100%	2022	\$151,400	5	\$500	В		
Raceway	100/0	2022	Ψ131,400		Ψ300			
Conduit	100%	2022	\$106,500	1		В		
Panelboards	100/0	2022	Ψ100,500	1		D		
Fused Disc Sw	20%	2021	\$29,800	5	\$500	В		
Molded Case Bkrs	80%	2021	\$119,300	5	\$2,300	В		
Wiring	0070	2021	ψ117,500		Ψ2,300			
Thermoplastic	100%	2022	\$177,900	1		В		
Motor Controllers	10070		<i>\$177,700</i>					
Locally Mounted	10%	2020	\$15,400	5	\$100	В		
Motor Control Center	90%	2020	\$139,000	5	\$2,600	В		
Ground			+,		+-,			
Grounding Devices								
Generic	100%	LIFE	* *	5	\$1,600	В		
Lighting								
Interior Lighting								
Fluorescent	40%	2022	\$178,900	10	\$39,100	В		
HID	60%	2022	\$222,000	10	\$2,100	В		
Egress Lighting								
Emergency, Battery	50%	2022	\$18,400	10	\$12,900	В		
Exit, Service	50%	2022	\$7,300	1		В		
Exterior Lighting								
HID	100%	2017	\$37,100	10	\$300	В		
Alarm								
Security System								
No Component	70%					D		
Generic	30%	2022	\$92,000	1	\$12,000	В		
Fire/Smoke Detection								
No Component	70%					D		
Generic	30%	2022	\$314,800	1-3	\$20,400	В		
-								

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

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

Asset #: 2133

Mechanical	Current Repair			Futur	e Replacement	M			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
leating	•			•				•	
Energy Source									
Electricity	20%			2032	* *	1		В	
HTHW/HW	80%			2032	* *	1		В	
Conversion Equipment	1.000/			2010	\$27,400	2	¢.c. 500	D	
HTHW/HW Exchanger	100%	servation I	Extent : Light, Area	2018	\$27,400	2	\$6,500	В	
		ı : Basemer		Пусстей	. 10070				
		tion : One							
Distribution	2.q terres								
Hot Wtr Piping/Pump	20%			2030	* *	4	\$1,100	В	
No Component	80%						. ,	D	
Terminal Devices									
Fan Coil Unit/Heat	20%			2022	\$302,600	1	\$6,900	В	
No Component	80%							D	
Air Conditioning									
Energy Source	400							_	
District C.W.	100%		7 7 . 7 . 4	2042	**	1		В	
			Extent : Light, Area Cold Water	Affected	: 100%				
			Cota water For Refrigeration	Only No	ot Air Conditioning				
Conversion Equipment	Ехрини	uon . Osea	Tor Kejrigeranon	Only, IV	n Air Conditioning				
Centrifugal, Elec Chiller	95%			2025	\$258,800	1	\$109,600	В	
Centifiagai, Elec Cinner		servation. E	Extent : Light, Area			1	Ψ102,000	Ь	
		ı : Utility B		33					
		=	illers Provide Chill	ed Water	r - Refrigerant Is A	mmonia			
Ext Pkg Unit - Cooling	5%			2027	* *	2	\$300	В	
2	R-22 Refr	igerant, Ex	tent : Light, Area A	ffected :	100%				
	Location	a:Roof							
Distribution									
Chilled Wtr Pipe/Pump	100%		\$24,700	2032	* *	4	\$5,300	В	
			loderate, Area Affe						
	Location: Basement, Glycol Concentrator, Glycol Concentrating Tank								
			Extent : Light, Area	Affected	: 100%				
		i : Mechani		71 10		.) T	D T .		
Tomainal Davisco	Explana	tion: West.	side E Wing Uses (нусоі Зр	ray System (No Fi	rost) 10	Prevent Icing		
Terminal Devices Fan Coil - Cooling	100%			2022	\$778,200	1	\$34,400	В	
Tan Con - Cooling		servation F	Extent · Lioht Area			1	φ54,400	Ь	
	Other Observation, Extent : Light, Area Affected : 100% Location : Throughout								
		_	tional Split Air Con	ditioning	g Systems Belong	To Share	Holders		
Heat Rejection	<u> </u>		1						
Water Cool Tower	100%			2020	\$290,100	2	\$107,300	В	
	Other Ob:	servation, E	Extent : Light, Area	Affected	: 100%				
	Location	ı : Utility B	uilding						
	Explana	tion : 3 Co	oling Towers						

Ventilation

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.

Mechanical	С	Surrent Repair	Futur	e Replacement	Ma	aintenance	
System Component Type		nil Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$59,500	В
Exhaust Fans							
Roof	100%		2022	\$80,300	2	\$3,300	В
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%		2027	* *	1		В
HW Heat Exchanger							
HTHW/HW	100%		2032	* *			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							
Generic	100%		2032	* *	1-2	\$29,900	В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HUNTS POINT CO-OP MARKET WAREHOUSE F

Address : FOOD CENTER DRIVE

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 32,919 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 22-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2781 Lot : 500 BIN : 2109486

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$50,400	
Interior Architecture	\$38,800	\$96,800
Electrical		\$464,200
Total	\$89,200	\$561,000
Priority A	\$50,400	
Priority B		\$464,200
Priority C	\$38,800	\$96,800
Total	\$89,200	\$561,000

Total	\$73,700	\$26,900	\$4,800	\$5,100
Priority C	\$11,000			\$600
Priority B	\$2,900	\$26,900	\$4,800	\$4,500
Priority A	\$59,800			
Total	\$73,700	\$26,900	\$4,800	\$5,100
Mechanical	\$1,600	\$1,100	\$4,100	\$1,100
Electrical	\$1,300	\$25,800	\$700	\$900
Interior Architecture	\$11,000			\$3,100
Exterior Architecture	\$59,800			
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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 #: 2134

rchitecture	Current Repair		Future Replacement		Maintenance			
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
terior	•							•
Exterior Walls						_		
Cast in Place Concrete		0-2 Crumbling : Through	\$2,200 , Extent : Light, Argout	LIFE ea Affecto	* * ed : 10%	5	\$4,000	A
Concrete Masonry Unit	80%	Now	\$50,400	LIFE	* *	5	\$8,100	A
	-	Int Failur : West Fa	e, Extent : Modera cade	te, Area	Affected : 10%			
Metal Coiling Doors	10%	Now	\$8,700	2035	* *	5	\$2,500	A
		issing Elen : Through	nents, Extent : Ligh out	t, Area A	ffected : 20%			
Weathering Steel	5%	4+	\$2,600	LIFE	* *	1		A
		ded, Extent : Through	t : Light, Area Affeo out	cted : 109	%			
Windows								
Aluminum	100%	Now	\$14,300	2030	**	5	\$1,800	A
			nents, Extent : Ligh	t, Area A	ffected : 10%			
D	Locanon	: Through	оит					
Parapets Concrete Masonry Unit	100%	Now	\$8,800	LIFE	* *	5	\$4,000	A
Concrete Wasoniy Onit	Expansion Location	Int Failur : East Fac	e, Extent : Modera cade, West Facade Extent : Moderate, 1	te, Area	-	3	Ψ+,000	A
	Location	: West Fa	cade					
Roof								
Modified Bitumen		Now setration, E s : Through	\$23,400 Extent : Light, Area Sout	2030 Affected	: 10%			A
erior								
Floors	4.0				de de	_	440.000	~
Cast in Place Concrete	10%	0.2	ф 2 0, 000	LIFE	* *	5	\$10,800	C
Cast in Place Concrete	U	0-2 Crumbling : Through	\$38,800 , Extent : Light, Argout	LIFE ea Affecte		5	\$86,000	С
Vinyl Tile	10%	0-2	\$4,000	2027	* *	3	\$1,800	С
		issing Elen : Through	nents, Extent : Ligh out	t, Area A	ffected : 10%			
Interior Walls			.			_	.	_
Concrete Masonry Unit	_	0-2 Crumbling : Through	\$6,700 , Extent : Light, Ar out	LIFE ea Affect	* * ed : 10%	5	\$2,500	С
Gypsum Board	10%			LIFE	* *	5	\$500	C
Gypsum Board	10%	0-2	\$300	LIFE	* *	5	\$500 \$500	C
Gypsum Doutu	Cracking/		, Extent : Light, Ar			5	ψ500	C

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 #: 2134

Architecture	Curren	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior							
Ceilings							
AcousTileSusp.Lay-In	10%		2039	* *	5	\$5,000	В
Exposed Struc: Steel	90%		LIFE	* *			В

Electrical	Current	Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts							
Service Equipment Fused Disc Sw	100%		2022	\$34,100	3	\$100	В
Transformers							
Dry Type	100% Other Observation, 1 Location : Electrica		2020 Area Affe	\$34,000 ected : 100%	3	\$200	В
	Explanation: One	1000 Kva 4160hv-4	480y/277	Lv & One 500 Kva	a 4160hv	-480y/277lv	
Feeders							
Cable	100%		2021	\$1,000	1		В
Raceway							
Conduit	100%		2022	\$3,600	1		В
Under 600 Volts Service Equipment Air Circuit Breaker	100%		2022	\$16,200	5	\$200	В
6 2	Other Observation, Extent: Moderate, Area Affected: 100% Location: Electrical Room Explanation: One 1600 Amps Main Disconnect Switch						J
Transformers Dry Type	100% Other Observation, I	Extent : Moderate, 1	2020 Area Affe	\$14,200 ected : 100%	5	\$100	В
	Location : Electrical Explanation : One		3v/120lv	& One 15 Kva 480	hv-208v/	7120lv	
Switchgear / Switchboard Fused Disc Sw	100%		2022	\$75,700	5	\$100	В
Raceway				· · · · · · · · · · · · · · · · · · ·			
Conduit	100%		2022	\$41,400	1		В
Panelboards							
Fused Disc Sw	20%		2021	\$9,200	5	\$200	В
Molded Case Bkrs	80%		2021	\$36,700	5	\$700	В
Wiring Thermoplastic	100%		2022	\$42,600	1		В
Motor Controllers							
Locally Mounted	20%		2020	\$11,200	5		В
Motor Control Center	80%		2020	\$44,900	5	\$700	В
Lighting Interior Lighting							
Fluorescent	50%		2022	\$68,900	10	\$15,100	В
HID	50%		2022	\$57,000	10	\$500	В

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

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

Asset #: 2134

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting							
Egress Lighting							
Emergency, Battery	60%		2017	\$6,800	10	\$4,800	В
Exit, Service	40%		2017	\$1,800	1		В
Exterior Lighting							
HID	100%		2017	\$11,400	10	\$100	В
Alarm							
Security System							
No Component	90%						D
Generic	10%		2022	\$9,400	1	\$1,200	В
Fire/Smoke Detection							
No Component	70%						D
Generic	30%		2022	\$96,900	1-3	\$6,300	В

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
I eating						
Energy Source						
Electricity	20%	2032	* *	1		В
HTHW/HW	80%	2032	* *	1		В
Air Conditioning						
Conversion Equipment						
Ext Pkg Unit -	15%	2030	* *	2	\$300	В
Heating/Cooling						
	R-22 Refrigerant, Extent : Lig		100%			
	Location: Roof Condenser					
	Other Observation, Extent : L	0	: 100%			
	Location: Side Yard Of The	Building				
	Explanation: One Unit Out	Of Three With Ref	rigerant R-410a			
No Component	85%					D
Terminal Devices						
Air Handler/Cool/Ht	15%	2030	* *	1	\$3,100	В
No Component	85%					D
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$18,300	В
Exhaust Fans						
Roof	100%	2027	* *	2	\$1,000	В
Plumbing						
H/C Water Piping						
Galv Iron/Steel	100%	2027	* *	1		В
HW Heat Exchanger						
HTHW/HW	100%	2032	* *			В
	Other Observation, Extent : L	ight, Area Affected	: 100%			
	Location: Basement					
	Explanation: 2 Units					

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.

DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT CO-OP MARKET WAREHOUSE F

Mechanical	Current	Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing							
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В
Fire Suppression							
Sprinkler							
Generic	100%		2042	* *	1-2	\$9,200	В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HUNTS POINT MARKET FRUIT AUCTION BLDGS

Address : WHSE-BUILDING #1

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBS0020.000 / 2143 Yr Built/Renovated : 1969 /

Area Sq Ft : 154,400 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 27-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN : 2109480

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$108,600	\$225,400
Interior Architecture	\$102,300	\$583,900
Electrical		\$575,800
Mechanical	\$517,600	\$2,873,400
Total	\$728,400	\$4,258,500
Priority A	\$108,600	\$225,400
Priority B	\$517,600	\$3,449,200
Priority C	\$102,300	\$583,900
Total	\$728,400	\$4,258,500

Total	\$184,000	\$92,400	\$38,800	\$27,000
Priority C	\$5,500			\$2,000
Priority B	\$80,100	\$92,400	\$38,800	\$25,000
Priority A	\$98,400			
Total	\$184,000	\$92,400	\$38,800	\$27,000
Mechanical	\$40,400	\$47,900	\$38,600	\$25,000
Electrical	\$39,800	\$21,200	\$200	
Interior Architecture	\$5,500	\$23,200		\$2,000
Exterior Architecture	\$98,400			
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT MARKET FRUIT AUCTION BLDGS

Asset #: 2143

Architecture	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior						
Exterior Walls Cast in Place Concrete	10% Now S Cracking/Crumbling, Extent: Location: West Facade Punct/Tear/Impact Damage, I Location: West Facade			5	\$28,400	A
Concrete Masonry Unit	25% Now Singular Sing		* *	5	\$8,900	A
Metal Panel	45% Now Corrosion/Rusting, Extent: M Location: West Facade	\$8,700 2032 Toderate, Area Affected	* * : 15%	5	\$47,900	A
Metal Coiling Doors	20% Now S Bent/Warped Elements, Exten Location: East Facade Corrosion/Rusting, Extent: M Location: East Facade			5	\$17,800	A
Parapets						
Metal Rail	100% Now S Corrosion/Rusting, Extent: M Location: Throughout	331,600 2027 Oderate, Area Affected	* *	5	\$177,500	A
Roof						
Single Ply Membrane	100% Now S Blisters, Extent: Moderate, A Location: Throughout Broken/Missing Elements, Ext Location: Bird Damage At Recent Replace Evident, Exten Location: Throughout Water Penetration, Extent: La Location: Various Other Observation, Extent: M Location: Throughout Explanation: Fluid Applied	ent : Moderate, Area Aj Various Locations at : Light, Area Affected ight, Area Affected : 5% Joderate, Area Affected	: 100% : 100%			A
Interior						
Floors Cast in Place Concrete	90% Now \$1	.02,300 LIFE	* *	5	\$453,800	С
Cast in Place Concrete	90% Now \$1 Cracking/Crumbling, Extent : Location : Loading Dock At	Moderate, Area Affecte		3	φ 4 33,600	C
Ceramic Tile	3%	2031	* *	5	\$6,900	С
Vinyl Tile	7%	2022	\$130,000	3	\$8,100	C

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.

DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT MARKET FRUIT AUCTION BLDGS

Asset #: 2143

Architecture	Current Repair	Future Rep	lacement	Ma	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior						
Interior Walls						
Concrete Masonry Unit	65%	LIFE	* *	5	\$9,700	C
	Diagonal Cracks, Extent: Mod	lerate, Area Affected : 5	%			
	Location: Various					
Gypsum Board	10%	LIFE	* *	5	\$2,200	С
Metal Panel	25%	LIFE	* *			C
Ceilings						
AcousTileSusp.Lay-In	20%	2027	* *	5	\$46,400	В
Exposed Struc: Steel	80%	LIFE	* *			В
-	Water Penetration, Extent: Lig	ght, Area Affected : 5%				
	Location: Various					

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
Inder 600 Volts								
Raceway								
Conduit	70%			2022	\$55,300	1		В
Conduit	30%			2042	* *	1		В
Panelboards								
Molded Case Bkrs	40%			2030	* *	5	\$1,600	В
Molded Case Bkrs	10%			2038	* *	5	\$400	В
Molded Case Bkrs	50%			2021	\$25,800	5	\$2,000	В
Wiring								
Braided Cloth	50%	2-4	\$30,900	2047	* *	1		В
		-	ent : Moderate, Are out The Building	a Affecte	ed : 100%			
Thermoplastic	40%			2022	\$24,700	1		В
Thermoplastic	10%			2042	* *	1		В
Motor Controllers								
Locally Mounted	100%			2020	\$68,900	5	\$1,000	В
ighting								
Interior Lighting Fluorescent	100%			2022	\$284,500	10	\$141,300	В
	Other Obs	servation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Through	out The Building					
	Explana	tion : T-12						
Egress Lighting	<u> </u>							
Exit, Service	100%			2017	\$21,200	1		В
Exterior Lighting								
HID	100%	Now	\$7,900	2032	* *			В
	Not in Ser	vice, Exten	t : Severe, Area Aff	fected : 1	00%			
	Location	ı : Through	out					

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.

DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT MARKET FRUIT AUCTION BLDGS

Asset #: 2143

Mechanical	Current Repai	r Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source	1000/ 37	#1 100 2022	* *			ъ
Natural Gas	100% Now	\$1,400 2032		1		В
	Other Observation, Extent Location : Outside #240/		: 100%			
	Explanation: Gas Shut C					
Conversion Equipment	Explanation . Gas Shut C	ojj vaive Frozen				
Conversion Equipment Radiant Heater	60%	2022	\$385,600	2	\$42,900	В
Radiant Heater	Other Observation, Extent			2	\$42,900	ъ
	Location : Various Locat		0070			
	Explanation: 50-60 Gas					
No Component	40%	Tirea Omis				D
	40%					<u> </u>
Air Conditioning Energy Source						
Electricity	100%	2030	* *	1		В
Conversion Equipment	10070	2030		1		
Reciprocating	40%	2017	\$198,200	1	\$28,600	В
Compr/Chiller	4070	2017	\$190,200	1	\$20,000	ъ
Compi/Cimici	R-22 Refrigerant, Extent:	Light, Area Affected : 40	0%			
	Location: Roof	218,111,111 ett 13,5 eetett 1 71	<i>5,0</i>			
No Component	60%					D
Terminal Devices	0070					<u> </u>
Fan Coil - Cooling	40%	2017	\$179,800	1	\$19,900	В
No Component	60%	2017	\$177,000	1	Ψ12,200	D
Heat Rejection	0070					ъ
Remote Air Cond	40%	2017	\$139,500	2	\$42,900	В
No Component	60%	2017	Ψ137,300	_	Ψ12,700	D
Ventilation	0070					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$85,900	В
Exhaust Fans					1 ,	
Roof	100%	2022	\$116,100	2	\$4,700	В
Plumbing					. , -	
H/C Water Piping						
Brass/Copper	100%	2032	* *	1		В
Water Heater						
Electric	10%	2017	\$2,300	4	\$100	В
Gas Fired	10%	2017	\$3,400	2	\$200	В
No Component	80%					D
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100% Now	\$10,200 LIFE	* *	1		В
	Blockage /Clogged, Extent		: 10%			
	Location : Roof Drains C	logged				
Sewage Ejector(s)						_
Electric	100%	2022	\$10,500	4	\$1,600	В

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT MARKET FRUIT AUCTION BLDGS

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Fixtures								
Generic	100%							В
Fire Suppression								
Standpipe								
Generic	100%			2022	\$520,900	1-5	\$80,500	В
Sprinkler								
Generic	100%			2022	\$1,704,400	1-2	\$43,100	В
Fire Pump								
Generic	100%			2025	\$108,100	1	\$28,800	В

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HUNTS POINT MARKET FRUIT AUCTION BLDGS

Address : RAIL PLATFORM SHED - BLDG #3

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBS0020.020 / 2144 Yr Built/Renovated : 1969 /

Area Sq Ft : 56,486 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 27-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN : 2109481

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$284,700	\$345,300
Interior Architecture		\$92,900
Mechanical	\$47,400	
Total	\$332,100	\$438,300
Priority A	\$284,700	\$345,300
Priority B	\$47,400	
Priority C		\$92,900
Total	\$332,100	\$438,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$14,500			
Mechanical	\$63,700	\$500	\$3,700	\$500
Total	\$78,300	\$500	\$3,700	\$500
Priority A	\$14,500			
Priority B	\$63,700	\$500	\$3,700	\$500
Total	\$78,300	\$500	\$3,700	\$500



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT MARKET FRUIT AUCTION BLDGS

Architecture	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls							
Metal, Corrugated	10% Now	\$14,500	2052	* *	1		Α
	Broken/Missing Ele Location : Throug	ements, Extent : Seve ghout	re, Area	Affected : 100%			
No Component	90%						D
Roof							
Roll Roofing	100% Now Drains Inad/Mispo	\$284,700 sn, Extent : Severe, A	2024 Area Affe	\$284,700 cted : 100%	5	\$60,600	A
	Location : Throug	ghout					
	Ponding, Extent : S Location : Through	evere, Area Affected ghout	: 100%				
	Worn/Eroded, Exte	nt : Moderate, Area . ghout	Affected	: 25%			
Interior							
Floors							
Cast in Place Concrete	100%		LIFE	* *	5	\$92,900	C
Ceilings							
Exposed Struc: Steel	100%		LIFE	* *			В
	Corrosion/Rusting,	Extent: Moderate, A	Area Affe	ected : 30%			
	Location : Throug	ghout					
	Water Penetration, Location : Throug	Extent : Light, Area ghout	Affected	: 5%			

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating									
Energy Source									
Natural Gas	100%	Now	\$8,800	2042	* *	1		В	
	Not in Ser	vice, Exten	t : Severe, Area Aff	ected : 1	00%				
	Location: Obsolete Piping Along Wall								
Conversion Equipment									
Radiant Heater	100%	Now	\$47,400	2027	* *	2	\$10,500	В	
	Other Obs	Other Observation, Extent: Severe, Area Affected: 100%							
	Location	Location : Along Ceiling							
	Explanation: 30 Obsolete Units								
Plumbing									
H/C Water Piping									
Brass/Copper	100%	Now	\$16,100	2042	* *	1		В	
	Corroded, Extent : Severe, Area Affected : 100%								
	Location : Railroad Shed								

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.

DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT MARKET FRUIT AUCTION BLDGS

Mechanical	Current Repair	Futu	Future Replacement		Maintenance				
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Plumbing									
Storm Drain Piping									
Cast Iron	100% Now	\$7,500 LIFE	* *	1		В			
	Blockage /Clogged, Extent : Severe, Area Affected : 100%								
	Location: Roof Drains								
	Other Observation, Extent	Other Observation, Extent : Severe, Area Affected : 100%							
	Location: Entire Roof	Location: Entire Roof							
Explanation: Massive Ponding On Roof									
Fire Suppression									
Sprinkler									
Generic	100% 0-2	\$31,400 2042	* *	1-2	\$6,900	В			
	Corroded, Extent: Severe, Area Affected: 100%								
	Location: Throughout								

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HUNTS POINT MARKET FRUIT AUCTION BLDGS

Address : CANOPY BULDING #4

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBS0020.030 / 2145 Yr Built/Renovated : 1969 /

Area Sq Ft : 11,000 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 27-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN : 2101215

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Interior Architecture		\$36,000
Total		\$36,000
Priority C		\$36,000
Total		\$36,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$25,800			
Total	\$25,800			
Priority A	\$25,800			
Total	\$25,800			



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

DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT MARKET FRUIT AUCTION BLDGS

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	il Date E Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Roof								
Metal, Corrugated	20% N	Now	\$25,800	2042	* *	1		A
	Broken/Missii	ng Elemen	ts, Extent : Seve	re, Area	Affected : 100%			
	Location: Throughout							
No Component	80%							D
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$36,000	С

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HUNTS POINT MARKET FRUIT AUCTION BLDGS

Address : OFFICE BUILDING #2

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBS0020.010 / 2797 Yr Built/Renovated : 1969 /

Area Sq Ft : 11,614 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 27-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN : 2101215

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$114,200	
Interior Architecture		\$127,000
Electrical	\$6,700	\$35,500
Mechanical		\$201,800
Total	\$120,900	\$364,300
Priority A	\$114,200	
Priority B	\$6,700	\$364,300
Total	\$120,900	\$364,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$7,700			
Interior Architecture	\$50,300		\$1,200	\$2,000
Electrical	\$22,200	\$1,500	\$100	
Mechanical	\$1,700	\$4,600	\$3,300	\$700
Total	\$81,900	\$6,100	\$4,600	\$2,700
Priority A	\$7,700			
Priority B	\$23,900	\$6,100	\$3,400	\$700
Priority C	\$50,300		\$1,200	\$2,000
Total	\$81,900	\$6,100	\$4,600	\$2,700



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

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

Asset #: 2797

Architecture	Current Repair		Futur	Future Replacement		Maintenance		
lystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior Exterior Walls Masonry: Brick	Location Misaligne	: West Fa	Extent : Severe, Ar			5	\$20,000	A
Windows	Location	: West Fa	caae					
Aluminum	100%			2030	* *	5	\$1,900	A
Parapets Masonry: Brick	100%			LIFE	* *	5	\$8,400	A
Roof Single Ply Membrane	Location Other Obs Location	: Through ervation, E : Through	Extent : Moderate, A out	Area Affe				A
terior	Explana	tion : Fluid	l Applied Rubber M	1embrane	e Over Insulation.			
Floors								
Carpet	Location Other Obs Location	: Through	Extent : Light, Area			3	\$7,900	С
Cast in Place Concrete	10%	1		LIFE	* *	5	\$3,500	С
Ceramic Tile	5%			2031	* *	5	\$800	C
Vinyl Tile	60%			2027	* *	3	\$3,600	C
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	\$200	C
Gypsum Board	90%			LIFE	* *	5	\$2,900	C
Ceilings AcousTile,Adhered	30% 2020 \$41,900 5 \$4,800 Broken/Missing Elements, Extent: Moderate, Area Affected: 10% Location: Various Staining/Discoloring, Extent: Light, Area Affected: 30% Location: Throughout Worn/Eroded, Extent: Moderate, Area Affected: 100% Location: Throughout							
AcousTileSusp.Lay-In	70% Broken/M. Location Staining/L Location Worn/Eroc	issing Elen : Various Discoloring : Various	nents, Extent : Mod , Extent : Light, Ar : : Moderate, Area	ea Affecto	ed : 25%	5	\$11,100	В

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

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

Asset #: 2797

Electrical	Current Repa	ir Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts		•				
Service Equipment				_		_
Fused Disc Sw	33%	2032	* *	5		В
	Other Observation, Extend		ected : 100%			
	Location : Electrical Ro		A. COO 900 A 1.4	00.4		
	Explanation : Three Ele					
Fused Disc Sw	33%	2042	* *	5		В
Fused Disc Sw	34%	2048	* *	5		В
Switchgear / Switchboard	700/	2022	* *	~		ъ
Fused Disc Sw	70%	2032	* *	5		В
Fused Disc Sw	30%	2048		5		В
Raceway	200/	2042	* *	1		D
Conduit Conduit	30% 70%	2042 2022	\$13,600	1		B B
Panelboards	70%	2022	\$13,000	1		Ь
Molded Case Bkrs	30%	2038	* *	5	\$100	В
Molded Case Bkrs	70%	2021	\$16,100	5	\$200	В
Wiring	7070	2021	\$10,100		Ψ200	ъ
Braided Cloth	70% 2-4	\$17,200 2047	* *	1		В
Braided Cloth	Insulation Aged, Extent :	. ,	ed: 100%	1		Ь
	Location: Throughout T					
Thermoplastic	30%	2042	* *	1		В
Motor Controllers	3070	2012		-		
Locally Mounted	100%	2027	* *	5	\$100	В
Ground					7-00	
Grounding Devices						
Generic	100%	LIFE	* *	5	\$200	В
	Other Observation, Exten	t : Moderate, Area Affe	ected : 100%			
	Location: Water Main					
	Explanation: Main Wat	er Pipe				
Lighting						
Interior Lighting						
Fluorescent	80%	2022	\$35,500	10	\$7,800	В
	Other Observation, Exten		ected : 100%			
	Location : Throughout T					
	Explanation : Compact					
Fluorescent	15%	2017	\$6,700	10	\$1,500	В
	Other Observation, Exten		ected : 100%			
	Location : Hallway, Offi					
	Explanation: T-12 Lam					
HID	5%	2022	\$1,800	10		В
Egress Lighting	400-1	4005		_		_
Exit, Service	100% 2-4	\$900 2032	**	1		В
	On Extended Life, Extent		tea : 100%			
	Location : Throughout T	ne Building				

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 #: 2797

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Exterior Lighting	1.000/	N.T.	Φ4 000	2022	* *			D
HID	100%	Now	\$4,000	2032	* *			В
	Not in Serv	vice, Exten	t : Moderate, Area	Affected	: 100%			
	Location	: Through	out					

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance			
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Heating									
Energy Source									
Electricity	60%		2032	* *	1		В		
Natural Gas	40%		2032	* *	1		В		
Conversion Equipment							_		
Furnace	10%		2027	* *	1	\$500	В		
Heat Pump	60%	T	2020	\$44,900	2	\$2,000	В		
	Other Observation, Extent : Light, Area Affected : 60% Location : Roof								
		terior Package Uni							
Radiant Heater	30%		2022	\$13,300	2	\$1,500	В		
	Other Observation,	_	Affected	: 30%					
	Location : Various	Areas							
	Explanation : 6 Ga	as Radiant Heaters							
Air Conditioning									
Energy Source							_		
Electricity	100%		2030	* *	1		В		
Conversion Equipment	40			4.0.			_		
Ext Pkg Unit -	60%		2022	\$39,700	2	\$400	В		
Heating/Cooling	0.1 01	T	A CC . 1	6007					
	Other Observation,	Extent : Light, Area	Affected	: 60%					
	Location: Roof								
		terior Package Uni	ts						
No Component	40%						D		
Ventilation									
Distribution	1000/		TIPE	* *	2.5	Φ ε 000	D		
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$5,900	В		
Exhaust Fans	1,000/		2022	Φ0.000	2	ф 2 00	D		
Roof	100%		2022	\$8,000	2	\$300	В		
Plumbing II/C Water Pining									
H/C Water Piping	1000/		2032	* *	1		D		
Brass/Copper Water Heater	100%		2032	-4- 44	1		В		
Water Heater Gas Fired	100%		2017	\$2,300	2	\$200	В		
	100%		2017	\$2,300		\$200	Ď		
Sanitary Piping Cast Iron	1000/		LIFE	* *	1		В		
	100%		LIFE		1		D		
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		В		
Cast HOII	100%		LILE	4/ 1	1		D		

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

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

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing							
Sewage Ejector(s)							
Electric	100%		2022	\$10,500	4	\$1,600	В
Fixtures							
Generic	100%						В
Fire Suppression							
Standpipe							
Generic	100%		2032	* *	1-5	\$5,300	В
Sprinkler							
Generic	100%		2022	\$117,200	1-2	\$3,000	В
Fire Pump							
Generic	100%		2025	\$7,400	1	\$2,000	В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : JULIA DEBURGOS LATINO CULTURAL CENTER

Address : 1680 LEXINGTON AVENUE

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 59,744 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 31-May-2011 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed : Basement, Roof, Floors 1,2,3,4,5

Block : 1633 Lot : 13 BIN : 1051991

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$222,800	\$168,900
Interior Architecture	\$161,700	\$233,400
Electrical	\$179,900	
Mechanical		\$1,219,700
Total	\$564,400	\$1,622,000
Priority A	\$222,800	\$168,900
Priority B	\$179,900	\$1,219,700
Priority C	\$161,700	\$233,400
Total	\$564.400	\$1,622,000

Total	\$51,900	\$63,700	\$35,600	\$17,500
Priority C	\$1,700		\$2,300	
Priority B	\$50,200	\$63,100	\$25,600	\$17,500
Priority A		\$600	\$7,700	
Total	\$51,900	\$63,700	\$35,600	\$17,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Mechanical	\$13,800	\$44,300	\$18,900	\$11,900
Electrical	\$1,700	\$14,800	\$2,800	\$1,700
Interior Architecture	\$32,500		\$2,300	
Exterior Architecture		\$600	\$7,700	
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

Asset #: 4338

Architecture	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls	0 =					_	404.400	
Masonry: Brick	85%			LIFE	* *	5	\$91,400	A
Masonry: Limestone	5%			LIFE	* *	5	\$4,000	A
Pre-Cast Concrete	10%			LIFE	* *	5	\$35,000	A
Windows	5 00/			2020	* *	_	¢15 500	
Aluminum	50%	amation I	Extent Moderate	2038		5	\$15,500	A
		ervanon, c : Through	Extent : Moderate, A	Area Ajje	ciea : 100%			
		_	oui 'ows Were Installed	l In The I	Interior.			
Wood	50%	Now	\$90,400	2030	* *	5	\$77,400	A
	Deteriorat	ed Finish,	Extent : Moderate,	Area Afj	fected : 25%			
	Location	: Through	out					
Parapets								
Masonry: Brick	25%			LIFE	* *	5	\$2,500	A
Metal Cornice	70%			2050	* *	10	\$22,600	A
Slate	5%	Now	\$58,900 Extent : Moderate	LIFE	* *	5	\$500	A
	Location Misaligned	: Coping	d, Extent : Severe, A Extent : Severe, Ar					
Roof								
Asphalt Macadam	5%			2022	\$6,800	5	\$1,300	A
Metal Panel	10%			2035	* *	10	\$7,000	A
Modified Bitumen	Location Water Pen	: Over Fo etration, E	\$38,100 nings, Extent : Mod urth Floor Extent : Moderate, A nce Studio					A
Skylight, Metal/Glass	Location	: Over Fif	\$35,400 Extent : Moderate, A th Floor Eked, Extent : Mode					A
		: Over Fif						
Interior								
Floors	4.00:				a. ·	_	#20.46 2	6
Cast in Place Concrete	10%			LIFE	**	5	\$20,100	С
Ceramic Tile	5% 5%			2018	\$92,700 * *	5	\$4,600	C
Quarry Tile	5%			2035		5	\$6,900	C
Wood	80%			2037	* *	5	\$138,000	C

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 #: 4338

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Interior Walls								
Ceramic Tile	5%			2025	\$164,400	5	\$5,700	C
Ceramic Tile	3%			2031	* *	5	\$3,400	C
Concrete Masonry Unit	2%			LIFE	* *	5	\$900	C
Glass Block	2%			LIFE	* *			C
Gypsum Board	35%			LIFE	* *	5	\$24,000	C
Masonry: Brick	10%			LIFE	* *			C
Plaster	43%			LIFE	* *	5	\$14,800	C
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 5%			
	Location	: Room 40)3					
Ceilings								
AcousTileSusp.Lay-In	10%			2035	* *	5	\$9,200	В
Embossed Metal	70%			LIFE	* *	5	\$29,000	В
Exposed Concrete	5%	Now	\$30,800	LIFE	* *	5	\$700	В
•	Cracking/	Crumbling,	Extent : Severe, A	rea Affec	rted : 20%			
	Location	: Beams In	ı Basement					
	Exposed R	Reinforceme	ent, Extent : Severe	, Area A	fected : 10%			
			n Basement	. 3	,			
Gypsum Board	15%			LIFE	* *	5	\$17,200	В
- 7 F		etration, E	xtent : Moderate, A		cted : 10%	-	÷ = : ,==0	_
		: Room 40		33				

Electrical	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estin	mated Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2042	* *	5	\$300	В
	Other Observation, Extent	: Moderate, Area Affected :	100%			
	Location : Electrical Roo	m				
	Explanation: One 800 A	mps And One 400 Amps Mai	n Disconnec	ct Switch		
Switchgear / Switchboard						
Fused Disc Sw	100%	2042	* *	5	\$300	В
Raceway						
Conduit	100%	2042	* *	1		В
Panelboards						
Fused Disc Sw	10%	2038	* *	5	\$100	В
Molded Case Bkrs	90%	2038	* *	5	\$1,400	В
Wiring						
Thermoplastic	100%	2042	* *	1		В
Motor Controllers						
Locally Mounted	100%	2035	* *	5	\$400	В
Ground						
Grounding Devices						
Not Accessible	100%					D
Lighting						

Lighting

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

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

Asset #: 4338

Electrical	Current Repair	Future	Replacement	Maintenance			
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Lighting							
Interior Lighting							
Fluorescent	95%	2027	* *	10	\$53,500	В	
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location : Throughout The Build	ing					
	Explanation: T-8 Lamps						
Incandescent	5%	2017	\$126,400	2	\$100	В	
Egress Lighting							
Emergency, Battery	50%	2027	* *	10	\$7,400	В	
Exit, Service	50%	2027	* *	1		В	
Exterior Lighting							
Fluorescent	100%	2027	* *	10	\$5,500	В	
	Other Observation, Extent: Moder	rate, Area Affect	ted : 100%				
	Location : Outside						
	Explanation: T-5 Lamps						
Alarm							
Security System							
No Component	70%					D	
Generic	30%	2027	* *	1	\$6,700	В	
Fire/Smoke Detection							
No Component	70%					D	
Generic	30%	2027	**	1-3	\$11,000	В	

Mechanical	Current Repair	Futur	e Replacement	Maintenance				
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Heating								
Energy Source								
Fuel Oil No 2	100%	2032	* *	5	\$19,000	В		
Conversion Equipment								
Steam Boiler	100%	2035	* *	1	\$60,900	В		
	Other Observation, Extent	Other Observation, Extent : Light, Area Affected : 100%						
	Location: Basement							
	Explanation: 1 Unit							
Distribution								
Steam Piping/Pump	100%	2022	\$446,300	4	\$3,000	В		
Terminal Devices								
Convector/Radiator	100%	2020	\$603,800	1	\$19,900	В		
Air Conditioning								
Energy Source								
Electricity	100%	2030	* *	1		В		
Conversion Equipment								
Reciprocating	20%	2022	\$43,400	1	\$5,700	В		
Compr/Chiller								
Window/Wall Unit	60%	2020	\$78,800	1		В		
No Component	20%					D		

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

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

Asset #: 4338

Mechanical	Curre	nt Repair	Repair Future Replacement		Maintenance			
System Component Type	% of Fail D Total (Year	ate Estimated Cost (rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Air Conditioning	•						•	
Distribution								
Chilled Wtr Pipe/Pump			2032	* *	4	\$900	В	
No Component	80%						D	
Terminal Devices								
No Component	80%						D	
Not Accessible	20%						D	
Heat Rejection								
Air Condenser Unit	20%		2022	\$20,400	2	\$8,600	В	
No Component	80%						D	
Ventilation								
Distribution								
Ductwork/Diffusers	40%		LIFE	* *	2-5	\$13,700	В	
No Component	60%						D	
Exhaust Fans								
Roof	40%		2027	* *	2	\$800	В	
No Component	60%						D	
Plumbing								
H/C Water Piping								
Brass/Copper	100%		2032	* *	1		В	
Water Heater								
Gas Fired	100%		2017	\$14,900	2	\$900	В	
Sanitary Piping								
Cast Iron	100%		LIFE	* *	1		В	
Storm Drain Piping								
Cast Iron	100%		LIFE	* *	1		В	
Sump Pump(s) Rigid Piping	100%		2022	\$11,500	4	\$1,600	В	
Backflow Preventer								
Generic	100%		2027	* *	1	\$3,800	В	
Fixtures								
Generic	100%						В	
Vertical Transport								
Elevators								
Geared Traction	100%		LIFE	* *			C	
	Other Observatio	n, Extent : Light, Ared	ı Affected	: 100%				
	Location: C-4							
	Explanation: 1	Unit						
Fire Suppression								
Standpipe								
Generic	100%		2042	* *	1-5	\$31,000	В	
Sprinkler						•		
No Component	80%						D	
Generic	20%		2032	* *	1-2	\$3,500	В	
Fire Pump						+-,- 30	<u>-</u>	
Generic	100%		2025	\$47,400	1	\$11,500	В	
	/			¥,.oo		711,000		

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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : KINGSBRIDGE ARMORY
Address : 29 WEST KINGSBRIDGE ROAD

Borough : BRONX Agency's Number : FX011
Program / Asset # : DHS0074.000 / 4446 Yr Built/Renovated : 1917 / 2004

Area Sq Ft : 555,400 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 12-May-2010 Landmark Status : NONE

Areas Surveyed : Basement, Sub Basement, Roof, Floors 1,2

Block : 3247 Lot : 2 BIN : 2098784

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,025,900	\$2,871,600
Interior Architecture	\$12,297,600	\$2,317,700
Electrical	\$1,460,700	\$90,800
Mechanical	\$9,715,300	\$379,000
Total	\$24,499,500	\$5,659,100
Priority A	\$1,025,900	\$2,871,600
Priority B	\$16,447,800	\$727,800
Priority C	\$7,025,700	\$2,059,700
Total	\$24,499,500	\$5,659,100

Total	\$187,300	\$137,800	\$189,200	\$165,300
Priority C			\$5,200	\$22,000
Priority B	\$159,000	\$137,800	\$183,900	\$143,300
Priority A	\$28,300			
Total	\$187,300	\$137,800	\$189,200	\$165,300
Mechanical	\$20,500	\$77,700	\$124,600	\$77,700
Electrical	\$138,500	\$60,100	\$59,300	\$65,600
Interior Architecture			\$5,200	\$22,000
Exterior Architecture	\$28,300			
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

Asset #: 4446

Architecture	Current Repair		Future Replacement		Maintenance		
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior							
Exterior Walls							
Cast Stone/Terra Cotta	5%	_	LIFE	* *	5	\$349,300	A
	Recent Repair Evident, Location: Throughout		te, Area .	Affected : 15%			
Copper/Terne	5%		2056	* *	10	\$104,800	A
Fiberglass Panel	10% 0-2	\$620,000	2036	* *	5	\$167,700	A
	Broken/Missing Eleme Location : North Fac Staining/Discoloring, I	ade,South Facad Extent : Moderate	e , Area Aj				
	Location : North Fac Other Observation, Ex Location : North Fac	tent : Moderate, A ade,South Facado	Area Affe	cted : 100%			
	Explanation : Corrug	gated Panels					
Masonry: Brick	80% Efflorescence, Extent: Location: North And Recent Repair Evident,	l East Elevations. Extent : Modera			5	\$715,300	A
	Location : Throughou	ut					
Windows							
Wood	100%		2037	* *	5	\$602,300	A
Parapets							
Cast Stone/Terra Cotta	5%		LIFE	* *	5	\$89,500	A
Masonry: Brick	95%		LIFE	* *	5	\$219,600	A
Roof			• • • • •			* • • • • • • • • • • • • • • • • • • •	
Copper/Terne	7%		2061	**	10	\$179,200	A
	Recent Replace Eviden	_		ected : 100%			
	Location : Turrets Ar						
Modified Bitumen	10% Now Ponding, Extent: Ligh Location: Flat Section			* *			A
Modified Bitumen	83%		2031	* *	10	\$849,900	Α
Modified Ditumen	Recent Replace Eviden Location : Barrel Roc				10	φ0 4 7,700	Α

Interior

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

Architecture		Current F	Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Interior									
Floors									
Cast in Place Concrete		lam Surface	\$3,717,500 e, Extent : Severe, A nt & 2nd Floor.	LIFE Area Affe	* * cted : 20%	5	\$1,374,900	С	
Ceramic Tile	2%			2024	\$307,900	5	\$16,800	С	
Vinyl Tile	5%			2021	\$337,700	3	\$15,700	C	
Vinyl Tile	13%	Now	\$878,000	2031	* *	3	\$40,900	C	
	Location Poor Subj Location Other Obj Location	n : Second I floor Eviden n : Second I servation, E	nents, Extent : Seve Floor Offices And T nt, Extent : Severe, Floor Offices. Extent : Severe, Are out 2nd Floor. "Tiles.	Throughd Area Aff	out 2nd Floor In Go ected : 50%	eneral.			
Wood	5%	Now	\$1,309,900	2061	* *	5	\$39,300	C	
			nents, Extent : Seve all Court, Bowling		Affected : 100%				
Interior Walls						_			
Concrete Masonry Unit	5%			LIFE	* *	5	\$13,100	C	
Gypsum Board	5%			LIFE	* *	5	\$19,700	C	
Masonry: Brick			nt, Extent : Modera oor	LIFE te, Area				С	
Masonry: Brick	Location Diagonal	Crumbling, n : Basketbo	tent : Severe, Area		-			С	
Plaster	Location Loose/De Location	lissing Elem n : All Area lam Surface n : All Area	e, Extent : Severe, A	Area Affe	cted : 75%	5	\$23,600	С	
			Floor And Basemer						
Steel Plate	3% Corrosion	Now Now/Rusting, E	\$35,500 Extent : Severe, Area of At Loading Dock.	LIFE	* * d : 20%	5	\$11,800	С	

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

Asset #: 4446

Architecture	Current Repair	Future Replacement	Maintenance						
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code				
Interior									
Ceilings									
AcousTileSusp.Lay-In	10% Now \$385,500 Broken/Missing Elements, Extent: Seve Location: All.	2026 ** ere, Area Affected : 70%	5	\$41,900	В				
	Worn/Eroded, Extent : Severe, Area Aff Location : All.	fected : 30%							
Exposed Concrete	65% Now \$3,322,500 Corrosion/Rusting, Extent: Severe, Are Location: Steel Members At Lower L	==	5	\$85,100	В				
	Cracking/Crumbling, Extent : Moderate Location : Lower Levels	Cracking/Crumbling, Extent : Moderate, Area Affected : 2% Location : Lower Levels							
	Exposed Reinforcement, Extent: Moderate, Area Affected: 8% Location: Loading Dock Area And Various Basement Ceiling Locations								
	Staining/Discoloring, Extent : Severe, A Location : Steel Members At Lower L	==							
Plaster	25% Now \$1,563,800 Broken/Missing Elements, Extent: Sever Location: All Areas. Loose/Delam Surface, Extent: Severe, Location: All Areas.		5	\$130,900	В				

ectrical		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	Priority Code
der 600 Volts								
Service Equipment								
Fused Disc Sw	100%	Now	\$33,100	2051	* *	5	\$1,200	В
			tent : Moderate, Ai	ea Affec	ted : 100%			
	Location	: Electrica	al Room.					
			Extent : Moderate, A	rea Affe	ected : 100%			
	Location	: Electrica	al Room.					
	Explanat	ion : Rated	d At 950 Amperes.					
Transformers								
Dry Type	100%	Now	\$14,200	2041	* *	5	\$1,000	В
			t : Severe, Area Aff	ected : 1	00%			
	Location	: First Flo	oor					
Switchgear / Switchboard								
Molded Case Bkrs	20%			2041	* *	5	\$2,900	В
Molded Case Bkrs	80%	Now	\$145,300	2051	* *	5	\$5,800	В
			tent : Severe, Area	Affected	!: 80%			
	Location	: First Flo	oor					
Raceway								
Conduit	20%			2031	* *	1		В
Conduit	80%	0-2	\$38,200	2051	* *	1		В
	Corroded,	Extent : M	Ioderate, Area Affe	cted : 10	0%			
	Location	: Basemer	ıt					

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 #: 4446

Electrical	Current Rep	air	Future Replacement		Maintenance			
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Under 600 Volts								
Panelboards	1.007		2025	de de	_	4. 700		
Molded Case Bkrs	10%		2037	* *	5	\$1,500	В	
Molded Case Bkrs	20%		2029		5	\$2,900	В	
Molded Case Bkrs	10%	\$92,600	2020	\$13,800 * *	5	\$1,500	В	
Molded Case Bkrs	60% Now On Extended Life, Extent Location: First Floor Aged Component, Extent Location: Basement	And Throughou	t	: 60%	5	\$4,400	В	
Wiring								
Braided Cloth	80% Now Insulation Aged, Extent : Location : Basement	\$59,300 Severe, Area A	2046 Effected :	* *	1		В	
Thermoplastic	20%		2031	* *	1		В	
Motor Controllers								
Locally Mounted	20%		2019	\$4,400	5	\$700	В	
Locally Mounted	80% Now Not Functioning, Extent Location: Basement On Extended Life, Extent Location:				5	\$1,500	В	
Ground								
Grounding Devices Generic	100% 0-2 Other Observation, Exter Location : Basement Explanation : Corrode		LIFE Area Affe	* * cted : 100%	5	\$8,200	В	
Stand-by Power								
Transfer Switches Automatic	100% Now On Extended Life, Extend Location : First Floor			**	1	\$153,800	В	
Generators								
Diesel	100% Now Engine Inoperable, Exten Location: First Floor	\$74,500 nt : Severe, Area	2036 a Affected	* * d : 100%	1	\$193,600	В	
Batteries								
Lead/Acid	100% Now On Extended Life, Extend Location : Generator F		2016 Affected	\$600 : 100%	5	\$10,300	В	
Fuel Storage								
Main Tank	100% Now Other Observation, Exter Location : Corroded Explanation : 200 Gall		2061 a Affected	* * 1 : 100%	5	\$8,200	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.

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

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

Asset #: 4446

Current Rep	aır	Futur	e Replacement	M	aintenance	
% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
15%		2031	* *	10	\$77,000	В
Other Observation, Exte	nt : Moderate, A	Area Affe	cted : 100%			
Location: Throughout						
Explanation: T-8 Lam	ps					
85% Now	\$957,900	2031	* *			В
Damaged Fixtures, Exte			cted : 100%			
		33				
50% Now	\$19,300	2031	* *			В
Not Functioning, Extent	: Moderate, Are	a Affecte	ed : 100%			
Location : 1st Floor						
50% Now	\$38,600	2031	* *			В
Not Functioning, Extent		a Affecte	ed : 100%			
Location : 1st Floor		33				
100% Now	\$18,900	2031	* *			В
•		55				
100%		2026	* *	1	\$207,400	В
	15% Other Observation, Exte. Location: Throughout Explanation: T-8 Lam. 85% Now Damaged Fixtures, Exte. Location: Throughout 50% Now Not Functioning, Extent Location: 1st Floor 50% Now Not Functioning, Extent Location: 1st Floor 100% Now Damaged Fixtures, Exte. Location: Outside Per	15% Other Observation, Extent: Moderate, A Location: Throughout Explanation: T-8 Lamps 85% Now \$957,900 Damaged Fixtures, Extent: Moderate, A Location: Throughout 50% Now \$19,300 Not Functioning, Extent: Moderate, Are Location: 1st Floor 50% Now \$38,600 Not Functioning, Extent: Moderate, Are Location: 1st Floor 100% Now \$18,900 Damaged Fixtures, Extent: Severe, Area Location: Outside Perimeter	15% 2031 Other Observation, Extent: Moderate, Area Affe Location: Throughout Explanation: T-8 Lamps 85% Now \$957,900 2031 Damaged Fixtures, Extent: Moderate, Area Affe Location: Throughout 50% Now \$19,300 2031 Not Functioning, Extent: Moderate, Area Affecte Location: 1st Floor 50% Now \$38,600 2031 Not Functioning, Extent: Moderate, Area Affecte Location: 1st Floor 100% Now \$18,900 2031 Damaged Fixtures, Extent: Severe, Area Affecte Location: Outside Perimeter	% of Fail Date Estimated Cost Total (Years) Year FY Estimated Cost FY	Wof Fail Date Estimated Cost Year Estimated Cost Cycle Total (Years)	Year Estimated Cost Total Year Estimated Cost Cycle (Yrs)

Mechanical	Curren	t Repair	Futur	e Replacement	М	aintenance				
System Component Type	% of Fail Dat Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Heating										
Energy Source										
Electricity	5%		2041	* *	1		В			
Natural Gas	95%		2031	* *	1		В			
	Not in Service, Ext	t in Service, Extent : Light, Area Affected : 100%								
	Location : Boiler	Room.								
	Other Observation,	Extent : Moderate, A	Area Affe	ected : 95%						
	Location : Basem		33							
	Explanation : Ga	s Supply Has Been S	hut Off.							
Conversion Equipment		TT	- 55							
Radiant Heater	5%		2021	\$116,800	2	\$13,000	В			
Steam Boiler	95% Now	\$1,280,800	2041	**	1	\$474,100	В			
Steam Boner				0%	•	Ψ171,100	D			
	Not in Service, Extent : Light, Area Affected : 100% Location : Boiler Room.									
	On Extended Life, Extent : Severe, Area Affected : 100%									
	Location : Basement Boiler Room.									
	Other Observation, Extent: Light, Area Affected: 95%									
		Location: Basement Boiler Room.								
	Explanation : 3 U	nits								

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

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

Mechanical	Current Re	pair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year l FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating Distribution Steam Piping/Pump	100% Now Not in Service, Extent: Location: Throughou Other Observation, Ext Location: Throughou	t ent : Severe, Are			4	\$27,600	В
	Explanation: Piping	Cut Loose From	Radiation	And Broken Or M	Iissing T	Throughout	
Terminal Devices Air Handler	20% Now Other Observation, Ext Location: Basement				1	\$62,300	В
Convector/Radiator	Explanation: Air Han 80% Now Not in Service, Extent: Location: Throughou Other Observation, Ext Location: Throughou Explanation: Damage Throughout	\$3,433,700 Severe, Area Aff t ent : Severe, Are	2026 fected : 100 a Affected	* * 9% : 100%	1	\$130,200 And Steam Traps	В
Ventilation	Throughou						
Distribution Ductwork/Diffusers	100% Not in Service, Extent : Location : Throughou		LIFE fected : 100	* *	2-5	\$312,200	В
Exhaust Fans Interior	100% Now Broken, Extent : Severe Location : Basement	\$20,500 , Area Affected :	2031 100%	* *	2	\$13,700	В
Plumbing H/C Water Piping Brass/Copper	100% Now Other Observation, Ext Location : Throughou Explanation : Piping	t		**	1		В
Water Heater Gas Fired	100% Now Unit Inoperable, Extent Location: Boiler Roo Other Observation, Ext Location: Boiler Roo Explanation: Boiler I	\$123,500 :: Severe, Area A m. ent: Severe, Are m.	2021 Affected : 1 a Affected	: 100%	2	\$6,500	В

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

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

Mechanical	Current Repair	Future Replacen	nent	Ma	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Sanitary Piping Cast Iron	100% Now \$691.600	LIFE	* *	1		В
Cast Iron	100% Now \$691,600 Broken, Extent : Severe, Area Affected : I			1		Ь
	Location : Connections At Fixtures	0070				
	Other Observation, Extent : Severe, Area	Affected · 100%				
	Location: Throughout	11,100,10				
	Explanation: Piping In Poor Condition	/ Most Has Been C	out Of S	Service F	or An Extended	
	Period					
Storm Drain Piping						
Cast Iron		LIFE	* *	1		В
	Recent Replace Evident, Extent: Light, A					
	Location : All Piping Above Slabs Up T	o Roof Drains				
Fixtures	1000/					ъ
Generic	100%	ot od + 1000/				В
	Not in Service, Extent : Severe, Area Affect Location : Throughout.	ciea : 100%				
	Obsolete Fixtures, Extent : Severe, Area A	Affacted . 100%				
	Location: Throughout.	нујестей . 10070				
	Other Observation, Extent : Severe, Area	Affected: 100%				
	Location: Throughout.	11,100,10				
	Explanation: Broken/ Missing Fixtures	<u>.</u>				
Fire Suppression		·				
Sprinkler						
No Component	90%					D
Generic	10% Now \$309,800	2031	* *	1-2	\$13,600	В
	Other Observation, Extent: Severe, Area					
	Location: Loading Dock/Basement Sto					
	Explanation: System Not In Service / M	ain Valve Closed				

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NEW FULTON FISH MARKET

Address : 800 FOOD CENTER DRIVE HUNTS POINT

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBS0035.000 / 13881 Yr Built/Renovated : 2005 /

Area Sq Ft : 426,172 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 26-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2780 Lot : 73 BIN : 2831981

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$2,688,900	\$651,300
Interior Architecture	\$259,700	\$1,415,300
Electrical	\$207,800	\$274,200
Mechanical	\$55,700	\$240,600
Total	\$3,212,100	\$2,581,300
Priority A	\$2,688,900	\$651,300
Priority B	\$263,500	\$514,700
Priority C	\$259,700	\$1,415,300
Total	\$3,212,100	\$2,581,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture				
Interior Architecture	\$33,000			\$20,200
Electrical	\$29,300	\$21,500	\$26,000	\$32,600
Mechanical	\$92,400	\$54,500	\$97,700	\$62,400
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$162,600	\$83,900	\$131,600	\$123,200
Priority A				
Priority B	\$129,600	\$83,900	\$131,600	\$103,000
Priority C	\$33,000			\$20,200
Total	\$162,600	\$83,900	\$131,600	\$123,200



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NEW FULTON FISH MARKET

Asset #: 13881

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	
xterior	•					•		•	
Exterior Walls									
Metal Panel	95%			2049	* *	5-10	\$1,730,000	A	
Metal Coiling Doors	5%			2040	* *	5	\$41,400	A	
Windows									
Aluminum	100%			2045	* *	5		A	
Roof									
Metal Panel	70%			2036	* *	10	\$1,151,600	A	
Spray-on Foam	30%	Now	\$279,200	2028	* *	5	\$179,500	A	
		Extent : Mod n : Through	derate, Area Affecte out	ed : 30%					
	Drains In	_	, Extent : Moderate	e, Area A	ffected : 20%				
		Vater Penetration, Extent : Moderate, Area Affected : 10%							
		Location : At Expansion Joints							
		-	Extent : Moderate, A	Area Affe	ected · 25%				
		n : Through		1164 11996	cieu . 2570				
			ou. nsion Joint Failure						
terior	Елриана	ион . Елри	nsion Joini I aiiure						
Floors									
Cast in Place Concrete	75%	Now	\$259,700	LIFE	* *	5	\$1,152,600	C	
Cust in Times Concrete	Cracking/		Extent : Moderate		ffected : 20%	J	φ1,132,000	C	
	Uneven Si	urface, Exte	ent : Moderate, Are	a Affecte	ed : 10%				
			h Drains And Expa						
Ceramic Tile	2%			2036	* *	5	\$14,100	С	
Vinyl Tile	23%			2031	* *		\$80,800	C	
Interior Walls	23/0			2031			Ψ00,000		
Ceramic Tile	2%			2036	* *	5	\$11,600	С	
Concrete Masonry Unit	68%			LIFE	* *	5	\$158,100	C	
Concrete Masoniy Ullit		netration F	xtent : Moderate, A			3	\$156,100	C	
		ı etration, E 1 : Stair S10		пен пује	cica . 5/0				
			<i>/</i> T	TIPE	* *		φ104 c00	~	
Gypsum Board	30%			LIFE	* *	5	\$104,600	C	
Ceilings				26.15		_	*** ***	_	
AcousTileSusp.Lay-In	5%			2040	* *	5	\$35,100	В	
Exposed Concrete	10%			LIFE	* *	5	\$11,000	В	
Exposed Struc: Steel	85%			LIFE	* *			В	

Electrical	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts					
Service Equipment					
Fused Disc Sw	100%	2043 **	5	\$1,800	В
	Other Observation, Extent: Moderate,	Area Affected : 100%			
	Location: Electrical Room				
	Explanation: 4 Main Disconnect Swi	itches Rated At 3000 Amps	Each		

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.

DEPT. OF SMALL BUSINESS SERV. - 801 NEW FULTON FISH MARKET

Asset #: 13881

Electrical	Current Repair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
nder 600 Volts						
Transformers						
Dry Type	100%	2036	* *	5	\$1,600	В
	Other Observation, Extent : Mod		l : 100%			
	Location : Throughout The Bui	_				
	Explanation: Approx 50 Trans	formers With Capac	cities Ranging	From 30	Kva To 75 Kva	
Switchgear / Switchboard						
Fused Disc Sw	100%	2043	* *	5	\$1,800	В
	Other Observation, Extent: Mod	lerate, Area Affectea	l : 100%			
	Location: Various Locations					
	Explanation : 4 Different Switch	hgear Rooms				
Raceway						
Conduit	100%	2043	* *	1		В
Panelboards						
Fused Disc Sw	5%	2039	* *	5	\$500	В
Molded Case Bkrs	95%	2039	* *	5	\$10,700	В
Wiring						
Thermoplastic	100%	2043	* *	1		В
Motor Controllers						
Locally Mounted	100%	2036	* *	5	\$2,900	В
round					. ,	
Grounding Devices						
Not Accessible	100%					D
ghting	100,0					
Interior Lighting						
Fluorescent	40%	2028	* *	10	\$156,300	В
Tuorescent	Other Observation, Extent : Mod		1 · 100%	10	Ψ130,300	ъ
	Location : Offices	.c. a.e., 11. ea 11,5 e e e				
	Explanation: T-8 Lamps					
		2021	* *	10	¢1,7,6,200	- D
Fluorescent	40%	2031		10	\$156,300	В
	Other Observation, Extent : Mod		1:100%			
	Location : Interior Open Space					
	Explanation: T-5 Lamps					
Fluorescent	10%	2023	\$78,700	10	\$39,100	В
	Other Observation, Extent : Mod	lerate, Area Affectea	l : 100%			
	Location: Entrances					
	Explanation: T-12 Lamps					
HID	10%	2028	* *	10	\$1,400	В
Egress Lighting					•	
Emergency, Battery	50%	2028	* *	10	\$51,400	В
Exit, Service	50%	2028	* *	1	,	В
Exterior Lighting						
HID	100%	2028	* *	10	\$1,300	В
	100/0	2020		10	Ψ1,500	ע

Alarm

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.

DEPT. OF SMALL BUSINESS SERV. - 801 NEW FULTON FISH MARKET

Asset #: 13881

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Alarm						
Security System						
No Component	70%					D
Generic	30%	2028	* *	1	\$47,800	В
	Other Observation, Extent	: Moderate, Area Affe	cted : 100%			
	Location: Public Spaces					
	Explanation: CCTV St	ırveillance Cameras				
Fire/Smoke Detection						
No Component	30%					D
Generic	70%	2028	* *	1-3	\$189,400	В
	Other Observation, Extent	: Moderate, Area Affe	cted : 100%			
	Location : Open Space M	arket And Hallways				
	Explanation : Strobe Ligh	nts, Horns, Manual Pu	ıll Stations			

l echanical	Current Repair	Future Re	placement	Maintenance				
lystem Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod		
eating	•	.				•		
Energy Source								
Electricity	3%	2043	* *	1		В		
Natural Gas	97%	2043	* *	1		В		
Conversion Equipment								
Furnace	40%	2028	* *	1	\$84,300	В		
	Other Observation, Extent: Light,	Area Affected: 409	%					
	Location: Throughout							
	Explanation: 35 Units							
Radiant Heater	3%	2023	\$53,400	2	\$5,900	В		
	Other Observation, Extent: Light, Area Affected: 3%							
	Location: Rest Rooms And Stair	well						
	Explanation: 10 Units							
No Component	57%					D		
ir Conditioning								
Energy Source								
Electricity	100%	2039	* *	1		В		
Conversion Equipment								
Reciprocating Compr/Chiller	60%	2028	* *	1	\$118,600	В		
-	R-22 Refrigerant, Extent: Light, A	rea Affected : 60%						
	Location : Roof							
	Other Observation, Extent : Light,	Area Affected: 609	%					
	Location: Roof							
	Explanation: 17 Units							
Ext Pkg Unit - Heating/Cooling	40%	2028	* *	2	\$10,400	В		
	Other Observation, Extent : Light,	Area Affected: 40	%					
	Location : Roof							
	Explanation: 35 Units							

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NEW FULTON FISH MARKET

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Terminal Devices								
Direct Expansion	60%			2028	* *	1		В
No Component	40%							D
Heat Rejection								
Remote Air Cond	60%			2028	* *	2	\$178,100	В
No Component	40%							D
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	\$95,100	В
No Component	60%							D
Exhaust Fans								
Interior	40%			2028	* *	2	\$5,200	В
Roof	60%			2028	* *	2	\$7,800	В
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		В
Water Heater								
Electric	5%			2021	\$3,100	4	\$200	В
Gas Fired	95%			2021	\$89,300	2	\$5,900	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Fixtures								
Generic	100%							В
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
·	Other Obs Location		Extent : Light, Area	Affected	: 100%			
	Explana	tion : 2 Un	its					
Fire Suppression								
Standpipe								
Generic	100%			2049	* *	1-5	\$222,800	В
Sprinkler								
Generic	100%			2049	* *	1-2	\$119,400	В
Fire Pump								
Generic	100%			2036	* *	1	\$79,600	В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NEW YORK CITY TERMINAL MARKET BUILDING A

Address : HALLECK STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 228,576 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 11-Jun-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2770 Lot : 1 BIN : 2109488

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,325,000	\$449,300
Interior Architecture	\$1,242,900	\$1,429,200
Electrical	\$174,500	\$3,008,600
Mechanical	\$31,500	\$120,200
Total	\$2,773,900	\$5,007,300
Priority A	\$1,325,000	\$449,300
Priority B	\$735,000	\$3,224,300
Priority C	\$714,000	\$1,333,700
Total	\$2,773,900	\$5,007,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture				
Interior Architecture	\$162,700			\$31,200
Electrical	\$62,900	\$900	\$2,000	\$3,500
Mechanical	\$11,600	\$1,500	\$5,700	\$1,500
Total	\$237,300	\$2,300	\$7,800	\$36,100
Priority A				
Priority B	\$74,500	\$2,300	\$7,800	\$5,000
Priority C	\$162,700			\$31,200
Total	\$237,300	\$2,300	\$7,800	\$36,100



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

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

Architecture	Current Re	pair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls					_		
Cast in Place Concrete	5% Now Cracking/Crumbling, E Location: Loading D		LIFE , Area Aj	* * ffected : 30%	5	\$55,100	A
Concrete Masonry Unit	25% Now Diagonal Cracks, Exter Location: East Facad Jnt Mortar Miss/Erod, Location: East Facad	de, West Facade Extent : Moderat			5	\$34,500	A
Metal Panel	35% Now Broken/Missing Elemen Location : Throughou	_	2045 t, Area Ą	* * ffected : 10%	5	\$144,800	A
Metal Coiling Doors	30%		2030	* *	5	\$206,800	A
Weathering Steel	5%		LIFE	* *	1		A
Windows Aluminum	100% Now Broken/Missing Elemen Location : Throughou	_	2033 t, Area Ą	* * ffected : 10%	5	\$42,600	A
Roof Modified Bitumen	100% Now Broken/Missing Elemen Location: Throughou Water Penetration, Ext. Location: Throughou	it ent : Moderate, A					A
nterior							
Floors Carpet	10% Now Punct/Tear/Impact Dan Location : Throughou		2024 vere, Are	\$430,800 ea Affected : 20%	3	\$53,400	C
Cast in Place Concrete	55% 0-2 Cracking/Crumbling, E Location : Throughou	_	LIFE ea Affecte	* * ed : 10%	5	\$428,400	С
Ceramic Tile	5% Now Broken/Missing Elemen Location : Throughou		2034 erate, Ar	* * ea Affected : 20%	5	\$8,900	С
Vinyl Tile	30% Now Cracking/Crumbling, E Location: Throughou		2025 , Area Aj	\$860,800 ffected : 30%	3	\$40,100	С

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

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

Asset #: 2146

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								
Interior Walls								
Ceramic Tile	5%	0-2	\$29,100	2028	* *	5	\$5,600	C
	Cracking/0	Crumbling,	Extent: Light, Are	ea Affecte	ed : 20%			
	Location	: Through	out					
Concrete Masonry Unit	50%	Now	\$234,500	LIFE	* *	5	\$44,600	С
•	Cracking/0	Crumbling,	Extent : Moderate	, Area Aj	ffected : 30%			
	Location	: Through	out					
Gypsum Board	10%	0-2	\$4,400	LIFE	* *	5	\$13,400	С
• •	Cracking/0	Crumbling,	Extent : Light, Are	ea Affecte	ed : 10%			
	Location	: Through	out					
Plaster	35%	Now	\$59,300	LIFE	* *	5	\$23,400	С
	Cracking/0	Crumbling,	Extent: Moderate	, Area Aj	ffected : 20%			
	Location	: Through	out					
Ceilings								
AcousTileSusp.Lay-In	20%			2038	* *	5	\$74,500	В
Exposed Concrete	10%			LIFE	* *	5-10	\$46,600	В
Exposed Struc: Steel	45%			LIFE	* *	10	\$335,200	В
Plaster	25%	0-2	\$115,800	LIFE	* *	5	\$58,200	В
	Cracking/0	Crumbling,	Extent : Light, Are	ea Affecte	ed : 20%			
	Location	: Through	out					

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Inder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2025	\$29,200	5	\$6,000	В
	Other Observation, Extent: Moderate	Area Affe	cted : 100%			
	Location : Electrical Closet					
	Explanation: 3-1600 Amps Main D	isconnect S	Switch For Section	s A1, A2	& A3	
Transformers						
Dry Type	100%	2023	\$14,200	5	\$800	В
	Other Observation, Extent: Moderate	Area Affe	cted : 100%		\$6,000 2 & A3	
	Location : Electrical Closet					
	Explanation : 3-75 Kva - One For E	ach Sectio	n A1, A2 & A3			
Switchgear / Switchboard						
Fused Disc Sw	100%	2025	\$121,100	5	\$1,000	В
	Other Observation, Extent: Moderate	Area Affe	cted : 100%			
	Location : Electrical Closet					
	Explanation : All Switchgear Belong	s To Tenar	ıt			
Raceway						
Conduit	95%	2025	\$30,200	1		В
Under Construction	5%					D

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET BUILDING A

Asset #: 2146

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								•
Panelboards								
Fused Disc Sw	10%			2024	\$9,200	5	\$500	В
Molded Case Bkrs	80%			2024	\$73,400	5	\$4,800	В
Under Construction	10%							D
Wiring Braided Cloth	60%	2-4	\$29,800	2050	* *	1		В
Braided Ciour	Insulation	Aged, Exte	\$29,800 ent : Moderate, Are out The Building			1		Б
Thermoplastic	35%			2025	\$17,400	1		В
Under Construction	5%				, ,			D
Motor Controllers								
Locally Mounted	100%			2023	\$76,600	5	\$1,500	В
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting Fluorescent	80%			2020	\$383,100	10	\$174,500	В
	Location Other Obs Location	: Through ervation, E : Through	Moderate, Area Aj out The Building Extent : Moderate, A out The Building Of Interior Lighting	Area Affe	cted : 100%			
Fluorescent	Location Other Obs Location	: Through ervation, E : Through	Moderate, Area Affo out The Building Extent : Moderate, A out The Building Of Interior Lighting	Area Affe	cted : 100%	10	\$32,700	В
Under Construction	5%							D
Egress Lighting								
Emergency, Battery	55%			2020	\$45,100	10	\$31,600	В
Exit, Service	40%			2020	\$13,100	1		В
Under Construction	5%							D
Exterior Lighting								
HID	100%			2020	\$7,800	10	\$700	В
Alarm								
Security System								_
No Component	90%			2027	A		* · · · · · · ·	D
Generic	10%			2025	\$65,500	1	\$8,500	В
Fire/Smoke Detection Generic, Digital	100%			2025	\$2,243,900			В

Mechanical		Current R	Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

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

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

Asset #: 2146

Mechanical	Current Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating		•				•
Energy Source						
Electricity	10%	2035	* *	1		В
Natural Gas	10%	2035	* *	1		В
No Component	80%					D
Conversion Equipment						
Furnace	10%	2020	\$27,500	1	\$11,800	В
	Other Observation, Extent: Light, A		%			
	Location: 7 Utility Rooms, And 8					
D #	Explanation: 7 Gas Fired Furnac				ф11.000	
Radiant Heater	10%	2020	\$99,300	2	\$11,000	В
	Other Observation, Extent: Light, A	Агеа Ајјества : 103	7 0			
	Location : Hallway Explanation : 50 Electric Baseboo	ard Padiants				
No Commont		на Каантѕ				D.
No Component	80% Other Observation, Extent: Light, A	Area Affected : 00/	<u> </u>			D
	Location: Throughout	нгей Аујестей . 070	,			
	Explanation: Businesses Supply A	And Maintain Thei	r Own Heatin	o And A	C Fauinment	
Ventilation	Expunction . Businesses suppry	ma mannan Thei	7 Own Health	15 111a 11	С Едигрінені	
Distribution						
Ductwork/Diffusers	10%	LIFE	* *	2-5	\$21,000	В
No Component	90%					D
Exhaust Fans						
Roof	5%	2020	\$9,000	2	\$400	В
No Component	95%					D
Plumbing						
H/C Water Piping						_
Brass/Copper	100%	2035	* *	1		В
Water Heater	400/	2022	421 000		4.400	-
Gas Fired	40%	2023	\$21,000	2	\$1,400	В
	Other Observation, Extent: Light, A Location: 3 Utility Rooms	Агеа Ајјестеа : 40	7 0			
	Explanation : 3 Units					
Con Fire d		2019	¢21 500		\$2.100	D
Gas Fired	60% Other Observation, Extent: Light, A	2018 Area Affected : 609	\$31,500	2	\$2,100	В
	Location: 4 Utility Rooms	неи Аујестей. 00	70			
	Explanation: 4 Units					
Sanitary Piping	Suprantanon . I Onus					
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Fixtures						
Generic	100%					В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NEW YORK CITY TERMINAL MARKET BUILDING B

Address : HALLECK STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 228,576 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 11-Jun-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2770 Lot : 1 BIN : 2109493

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,057,100	\$449,300
Interior Architecture	\$1,461,700	\$1,431,300
Electrical		\$3,223,100
Mechanical	\$31,500	\$120,200
Total	\$2,550,200	\$5,223,900
Priority A	\$1,057,100	\$449,300
Priority B	\$481,800	\$3,436,500
Priority C	\$1,011,300	\$1,338,200
Total	\$2.550.200	\$5,223,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$26,300			
Interior Architecture	\$223,200			\$31,200
Electrical	\$60,000	\$900	\$2,000	\$3,800
Mechanical	\$11,600	\$1,500	\$5,700	\$1,500
Total	\$321,200	\$2,300	\$7,800	\$36,400
Priority A	\$26,300			
Priority B	\$94,800	\$2,300	\$7,800	\$5,300
Priority C	\$200,000			\$31,200
Total	\$321,200	\$2,300	\$7,800	\$36,400



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

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

Architecture	Current R	epair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior			•				•
Exterior Walls							
Cast in Place Concrete	5% Now Cracking/Crumbling, Location: Loading		LIFE , Area Af	* * fected : 10%	5	\$55,100	A
Concrete Masonry Unit	25% Now Diagonal Cracks, Ext Location: East Fac Jnt Mortar Miss/Eroa Location: West Fac	ade, West Facade ', Extent : Moderat			5	\$34,500	A
Metal Panel	35% Now Broken/Missing Elem Location: Through	_	2045 t, Area Aj	* * fected : 10%	5	\$144,800	A
Metal Coiling Doors	30%		2030	* *	5	\$206,800	A
Weathering Steel	5%		LIFE	* *	1		A
Windows Aluminum	100% Now Broken/Missing Elem Location : Throughe		2033 t, Area A <u>j</u>	* * fected : 10%	5	\$42,600	A
Roof							
Modified Bitumen	100% Now Broken/Missing Elem Location : Through		2030 erate, Are	* * ea Affected : 10%			A
nterior							
Floors Carpet	10% Now Punct/Tear/Impact De Location : Throughe	-	2024 vere, Are	\$430,800 a Affected : 30%	3	\$53,400	С
Cast in Place Concrete	55%		LIFE	* *	5	\$856,700	С
Ceramic Tile	5% 0-2 Broken/Missing Elem Location : Through	_	2034 t, Area A <u>j</u>	* * ffected : 30%	5	\$8,900	С
Vinyl Tile	30% Now Cracking/Crumbling, Location: Through		2025 , Area Af	\$860,800 fected : 30%	3	\$40,100	С

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

Asset #: 2147

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Interior Walls								
Ceramic Tile	5%	Now	\$87,400	2028	* *	5	\$5,600	C
	U	Crumbling, : Through	Extent : Moderate out	, Area Aj	fected : 20%			
Concrete Masonry Unit	55%	0-2	\$258,000	LIFE	* *	5	\$49,000	С
·	_	Crumbling, : Through	Extent : Light, Are	ea Affecte	ed : 10%			
Gypsum Board	15%	0-2	\$6,600	LIFE	* *	5	\$20,000	С
•	_	Crumbling, : Through	Extent : Light, Are	ea Affecte	ed : 10%			
Plaster	25%	0-2	\$21,200	LIFE	* *	5	\$16,700	С
		Crumbling, : Through	Extent : Light, Are	ea Affecte	ed : 20%			
Ceilings								
AcousTileSusp.Lay-In	25%			2030	* *	5	\$93,100	В
Exposed Concrete	10%			LIFE	* *	5-10	\$46,600	В
Exposed Struc: Steel	55%			LIFE	* *	10	\$409,600	В
Plaster	10%	Now	\$23,200	LIFE	* *	5	\$23,300	В
	Cracking/0	Crumbling,	Extent: Moderate	, Area Aj	fected : 20%			
	Location	: Through	out					

lectrical	Current Repair	Future	Replacement	M	aintenance		
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	st Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
nder 600 Volts							
Service Equipment							
Molded Case Bkrs	100%	2025	\$29,200	5	\$6,000	В	
	Other Observation, Extent: Moderate	e, Area Affect	ed : 100%				
	Location : Electrical Room						
	Explanation: 3- 1600 Amps Main L	Disconnect Sw	vitch For Section	s B1, B2	& B3		
Transformers							
Dry Type	100%	2023	\$14,200	5	\$800	В	
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location : Electrical Closet						
	Explanation : 3- 75 Kva 480hv-2085	y/120lv - One	For Each Sectio	n			
Switchgear / Switchboard							
Fused Disc Sw	100%	2025	\$121,100	5	\$1,000	В	
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location : Electrical Closet						
	Explanation : All Switch Gear Below	ngs To Tenani	t				
Raceway							
Conduit	100%	2025	\$31,800	1		В	
Panelboards							
Fused Disc Sw	10%	2024	\$9,200	5	\$500	В	
Molded Case Bkrs	90%	2024	\$82,600	5	\$5,400	В	

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

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

Asset #: 2147

Electrical	Current Rep	air Fu	ture Replacement	M	aintenance			
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Yes		Cycle (Yrs)	Estimated Cost	Priority Code		
Under 600 Volts						•		
Wiring								
Braided Cloth	60% 2-4	\$29,800 203		1		В		
	Insulation Aged, Extent:		ected : 100%					
	Location: Throughout							
Thermoplastic	40%	202	25 \$19,800	1		В		
Motor Controllers	1000/	20	Φ7.6.606		φ1. 5 00	ъ.		
Locally Mounted	100%	202	23 \$76,600	5	\$1,500	В		
Ground								
Grounding Devices Not Accessible	100%					D		
	100%					<u>D</u>		
Lighting Interior Lighting								
Fluorescent	85%	202	25 \$407,000	10	\$185,400	В		
Tuorescent	T-12 Lamps, Extent : Mo			, 10	Ψ105,100	Ь		
	Location : Throughout							
	Other Observation, Exter	_	Affected : 100%					
	Location : Throughout							
	Explanation: 70% Of I	nterior Lighting Bel	ongs To Tenant					
Fluorescent	15%	203	80 **	10	\$32,700	В		
	T-8 Lamps, Extent : Mod	'erate, Area Affected	: 100%		. ,			
	Location: Throughout The Building							
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location: Throughout The Building							
	Explanation: 70% Of I	nterior Lighting Beld	ongs To Tenant					
Egress Lighting								
Emergency, Battery	50%	202			\$28,700	В		
Emergency, Battery	10%	203		10	\$5,700	В		
Exit, Service	40%	202	20 \$13,100	1		В		
Exterior Lighting								
HID	100%	202	20 \$7,800	10	\$700	В		
Alarm								
Security System	0.007					Б		
No Component	90%	20	0.5 0.5 500	. 1	ቀ Ω ፫ ΩΩ	D		
Generic	10%	202	25 \$65,500) 1	\$8,500	В		
Fire/Smoke Detection	100%	202	ns			В		
Generic, Digital	100%	20.	25 \$2,243,900)		R		

Mechanical	Curre	nt Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Electricity	10%		2035	* *	1		В
Natural Gas	10%		2035	* *	1		В
No Component	80%						D

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

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

Mechanical	Current Repair	Future l	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Conversion Equipment						
Furnace	10%	2025	\$27,500	1	\$11,800	В
	Other Observation, Extent : Light, Are		10%			
	Location: 7 Utility Rooms, And 8 Sto	•	_			
	Explanation: 7 Gas Fired Furnaces,					
Radiant Heater	10%	2020	\$99,300	2	\$11,000	В
	Other Observation, Extent : Light, Are	a Affected : .	10%			
	Location: Hallways	.				
	Explanation: 50 Electric Baseboard	Radiants				
No Component	80%					D
	Other Observation, Extent : Light, Are	a Affected : (0%			
	Location: Throughout					
	Explanation: Businesses Supply And	Maintain Ti	heir Own Heatin	g And A	C Equipment	
Ventilation						
Distribution Ductwork/Diffusers	10%	LIFE	* *	2-5	\$21,000	D
No Component	90%	LIFE		2-3	\$21,000	B D
Exhaust Fans	90%					<u> </u>
Roof	5%	2020	\$9,000	2	\$400	В
No Component	95%	2020	Ψ2,000	2	Ψ -1 00	D
Plumbing	7370					
H/C Water Piping						
Brass/Copper	100%	2035	* *	1		В
Water Heater						
Gas Fired	40%	2023	\$21,000	2	\$1,400	В
	Other Observation, Extent : Light, Are				, ,	
	Location: 3 Utility Rooms					
	Explanation: 3 Units					
Gas Fired	60%	2018	\$31,500	2	\$2,100	В
	Other Observation, Extent : Light, Are	a Affected : (60%			
	Location: 4 Utility Rooms					
	Explanation: 4 Units					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						_
Cast Iron	100%	LIFE	* *	1		В
Fixtures						
Generic	100%					В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NEW YORK CITY TERMINAL MARKET BUILDING B-4

Address : HALLECK STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 14,230 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 12-Jun-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$259,500	\$40,600
Interior Architecture	\$47,300	\$47,300
Electrical		\$251,800
Total	\$306,800	\$339,700
Priority A	\$259,500	\$40,600
Priority B		\$251,800
Priority C	\$47,300	\$47,300
Total	\$306,800	\$339,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$10,300			
Interior Architecture	\$64,800			
Electrical	\$11,400	\$100	\$100	\$200
Mechanical	\$1,100	\$100	\$300	\$100
Total	\$87,600	\$100	\$500	\$300
Priority A	\$10,300			
Priority B	\$41,200	\$100	\$500	\$300
Priority C	\$36,200			
Total	\$87,600	\$100	\$500	\$300



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

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

Asset #: 2150

Architecture		Current I	Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Cast in Place Concrete		Now Crumbling : Through	\$10,300 Extent : Light, Are out	LIFE a Affecte	* * ed : 10%	5	\$9,600	A
Concrete Masonry Unit	Diagonal Location	: South Fo	\$44,900 tent : Moderate, Ar acade ent : Moderate, Area			5	\$7,200	A
	Location	: South Fo	acade					
Metal Coiling Doors	30%			2030	* *	5	\$18,000	A
Windows								
Metal Louvers Steel	75% 25%	Now	\$110,200	2028 2033	* *	10 5	\$104,300 \$34,800	A A
	Air Infiltration, Extent: Moderate, Area Affected: 25% Location: Throughout Corrosion/Rusting, Extent: Moderate, Area Affected: 15%							
	Glazing B Location Thermally	: Through	ked, Extent : Mode out , Extent : Moderate					
Roof Modified Bitumen	100%			2030	* *	10	\$40,600	A
nterior	100%			2030		10	\$40,000	A
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$94,700	C
Interior Walls Concrete Masonry Unit		Now	\$34,800	LIFE	* *	5	\$6,600	С
	_	Crumbling : Through	, Extent : Moderate out	, Area Aj	ffected : 20%			
Metal Panel	15%			LIFE	* *	10	\$1,300	С
Ceilings								
Exposed Struc: Steel	10%			LIFE	* *	10	\$4,300	В
Metal Panel	90%			LIFE	* *	5	\$48,700	В

Electrical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2025	\$3,100	5	\$100	В
	Other Observation, Extent: Modes	rate, Area Affecte	ed : 100%			
	Location : Electrical Room					
	Explanation: 1-600 Amps Main	Disconnect Swit	tch			

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 #: 2150

Electrical	Current R	epair	Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Transformers	400-			444.500	_	4.00	_
Dry Type	100% Other Observation, Ex Location : Electrical Explanation : 1-25	Room		\$14,200 cted : 100%	5	\$100	В
Switchgear / Switchboard	<u> </u>						
Fused Disc Sw	100% Other Observation, Ex Location : Electrical	Closet			5	\$100	В
D	Explanation : All Sw	itchgear Belongs	To Tenar	<u>et</u>			
Raceway Conduit	100%		2025	\$19,400	1		В
Panelboards	100/		2024	Φ2 200	_		ъ.
Fused Disc Sw	10%		2024	\$2,300	5	Ф200	В
Molded Case Bkrs	90%		2024	\$20,600	5	\$300	В
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building Explanation : 70% Belongs To The Tenant						
Wiring	Explanation: 7070E	200185 10 1110 101	terri				
Thermoplastic	100%		2025	\$24,600	1		В
Motor Controllers				, ,,,,,,			
Locally Mounted	100%		2023	\$8,100	5	\$100	В
Ground				•		·	
Grounding Devices Not Accessible	100%						D
Lighting							
Interior Lighting							
Fluorescent	85%		2020	\$51,600	10	\$11,300	В
	T-12 Lamps, Extent: 1		fected : 1	100%			
	Location : Througho	_					
	Other Observation, Ex		Area Affe	cted : 100%			
	Location: Throughout The Building						
	Explanation: 70% E	Belongs To The Te					
HID	15%		2020	\$7,500	10	\$100	В
Egress Lighting							
Emergency, Battery	60%		2025	\$3,000	10	\$2,100	В
Exit, Service	40%		2025	\$800	1		В
Exterior Lighting							
HID	100%		2035	* *	10		В
Alarm							
Security System	0.00						_
No Component	90%						D
Generic	10%		2025	\$4,100	1	\$500	В
Fire/Smoke Detection	1000/		2027	4.50 - 5 -			-
Generic, Digital	100%		2025	\$139,700			В

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

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

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Electricity	5%	2035	* *	1		В
Natural Gas	5%	2035	* *	1		В
No Component	90%					D
Conversion Equipment						
Furnace	5%	2025	\$800	1	\$400	В
	Other Observation, Extent : Light, Area	Affected	: 100%		, , ,	
	Location: Utility Room					
	Explanation : One Unit, Gas Fired					
Radiant Heater	5%	2030	* *	2	\$300	В
Tadiani Hoatei	Other Observation, Extent : Light, Area		: 5%	-	Ψ200	D
	Location : Rest Room	55				
	Explanation: 1 Electrical Unit					
No Component	90%					D
Ventilation	7070					<u> </u>
Distribution						
Ductwork/Diffusers	20%	LIFE	* *	2-5	\$2,600	В
No Component	80%	LII L		23	Ψ2,000	D
Exhaust Fans	0070					ъ
Interior	20%	2025	\$3,000	2	\$100	В
Roof	5%	2025	\$500	2	Ψ100	В
No Component	75%	2020	φοσσ	-		D
Plumbing	7570					
H/C Water Piping						
Brass/Copper	100%	2035	* *	1		В
Water Heater						
Electric	100%	2020	\$2,100	4	\$100	В
	Other Observation, Extent : Light, Area			•	7-00	_
	Location: Utility Room	55				
	Explanation : 1 Unit					
Sanitary Piping	*					
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Fixtures						
Generic	100%					В
						•

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NEW YORK CITY TERMINAL MARKET BUILDING C

Address : HALLECK STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 228,576 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 11-Jun-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2770 Lot : 1 BIN : 2109496

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,377,600	\$449,300
Interior Architecture	\$1,443,000	\$1,466,400
Electrical	\$351,900	\$4,884,200
Mechanical		\$151,700
Total	\$3,172,400	\$6,951,600
Priority A	\$1,377,600	\$449,300
Priority B	\$843,600	\$5,168,600
Priority C	\$951,200	\$1,333,700
Total	\$3,172,400	\$6,951,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture				
Interior Architecture	\$138,000			\$31,200
Electrical	\$31,400	\$900	\$2,000	\$3,800
Mechanical	\$11,900	\$1,200	\$6,000	\$1,200
Total	\$181,300	\$2,000	\$8,000	\$36,200
Priority A				
Priority B	\$43,300	\$2,000	\$8,000	\$5,000
Priority C	\$138,000			\$31,200
Total	\$181,300	\$2,000	\$8,000	\$36,200



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

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

Asset #: 2148

Architecture	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior					
Exterior Walls Cast in Place Concrete	5% Now \$117,900 Cracking/Crumbling, Extent: Modera Location: Loading Dock		5	\$55,100	A
Concrete Masonry Unit	25% Now \$430,500 Diagonal Cracks, Extent: Moderate, Location: East Facade, West Facad Jnt Mortar Miss/Erod, Extent: Mode Location: East Facade, West Facad	Area Affected : 15% le rate, Area Affected : 25%	5	\$34,500	A
Metal Panel	35% Now \$105,300 Broken/Missing Elements, Extent: Li, Location: Throughout		5	\$144,800	A
Metal Coiling Doors Weathering Steel	30% 5%	2030 ** LIFE **	5 1	\$206,800	A A
Windows Aluminum	100% Now \$169,000 Broken/Missing Elements, Extent: Lig Location: Throughout		5	\$42,600	A
Roof Modified Bitumen	100% Now \$554,800 Broken/Missing Elements, Extent : Se Location : Throughout				A
Interior					
Floors Carpet	10% Now \$129,200 Punct/Tear/Impact Damage, Extent : Location : Throughout		3	\$53,400	С
Cast in Place Concrete	55%	LIFE **	5	\$856,700	С
Ceramic Tile	5% 0-2 \$65,400 Cracking/Crumbling, Extent: Light, A Location: Throughout	2034 **	5	\$8,900	С
Vinyl Tile	30% Now \$172,200 Broken/Missing Elements, Extent : Ma Location : Throughout		3	\$40,100	С
Interior Walls					
Concrete Masonry Unit	50% 0-2 \$234,500 Cracking/Crumbling, Extent: Light, A Location: Throughout		5	\$44,600	С
Gypsum Board	20% 0-2 \$8,800 Cracking/Crumbling, Extent: Light, A Location: Throughout		5	\$26,700	С
Plaster	30% 0-2 \$50,800 Cracking/Crumbling, Extent: Light, A Location: Throughout		5	\$20,000	С

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

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

Asset #: 2148

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	20%			2030	* *	5	\$74,500	В
Exposed Concrete	10%			LIFE	* *	5-10	\$46,600	В
Exposed Struc: Steel	45%			LIFE	* *	10	\$335,200	В
Plaster	25%	0-2	\$115,800	LIFE	* *	5	\$58,200	В
	Cracking/	Crumbling,	Extent : Light, Are	ea Affecte	ed : 10%			
	Location	: Through	out					

Electrical		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
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	\$165,400	5	\$1,000	В
			ctent : Moderate, A	Area Affe	cted : 100%			
		: Electrica						
	Explanat	tion : 3- 600	Amps Main Disc	onnect S	witch For Sections	C1, C2 o	& <i>C3</i>	
Transformers								
Dry Type	100%			2023	\$14,200	5	\$800	В
			xtent : Moderate, A	Area Affe	cted : 100%			
		: Electrica						
	Explanat	tion: 1-75	Kva 480hv-208y/1	20lv				
Switchgear / Switchboard						_		_
Fused Disc Sw	100%			2025	\$333,000	5	\$1,000	В
			ctent : Moderate, A	Area Affe	cted : 100%			
		: Electrica						
	Explanat	tion : All Su	ritchgear Belongs	To Tenai	ıt			
Raceway	1000/			2025	* 4 4 0 0 0 0			-
Conduit	100%			2025	\$440,900	1		В
Panelboards	4.0					_	4-00	_
Fused Disc Sw	10%			2024	\$36,700	5	\$500	В
Molded Case Bkrs	90%			2024	\$330,400	5	\$5,400	В
Wiring	500/	2.4	#200 200	20.50	de de			-
Braided Cloth	60%	2-4	\$308,200	2050	**	1		В
			nt : Moderate, Are	a Affecte	ed: 100%			
		: Througho	out The Building					
Thermoplastic	40%			2025	\$205,500	1		В
Motor Controllers								
Locally Mounted	100%			2023	\$477,300	5	\$1,500	В
Ground								
Grounding Devices								
Not Accessible	100%							D

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

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

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

Electrical	Current Repair	Future	Replacement	Maintenance			
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Lighting							
Interior Lighting			* * * * * * * * * * * * * * * * * * *			_	
Fluorescent	20%	2020	\$199,600	10	\$43,600	В	
	T-12 Lamps, Extent: Moderate, Area		00%				
	Location: Throughout The Building						
	Other Observation, Extent : Moderate		ted : 100%				
	Location : Throughout The Building	*					
	Explanation: 70% Of Interior Light						
Fluorescent	65%	2030	* *	10	\$141,800	В	
	T-8 Lamps, Extent : Moderate, Area		0%				
	Location : Throughout The Building	*					
	Other Observation, Extent: Moderate		ted : 100%				
	Location: Throughout The Building	3					
	Explanation: 70% Of Interior Light	ting Belongs	To Tenant				
HID	15%	2020	\$123,800	10	\$1,200	В	
	Other Observation, Extent: Moderate	e, Area Affect	ted : 100%				
	Location: Throughout The Building	3					
	Explanation: 70% Of Interior Light	ting Belongs	To Tenant				
Egress Lighting							
Emergency, Battery	50%	2020	\$41,000	10	\$28,700	В	
Emergency, Battery	10%	2030	* *	10	\$5,700	В	
Exit, Service	40%	2020	\$13,100	1		В	
Exterior Lighting							
HID	100%	2020	\$79,200	10	\$700	В	
Alarm							
Security System							
No Component	90%					D	
Generic	10%	2025	\$65,500	1	\$8,500	В	
Fire/Smoke Detection							
Generic, Digital	100%	2025	\$2,243,900			В	
·							

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							
Electricity	10%		2035	* *	1		В
Natural Gas	10%		2035	* *	1		В
No Component	80%						D

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

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

Mechanical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Conversion Equipment						
Furnace	10%	2020	\$27,500	1	\$11,800	В
	Other Observation, Extent : Light, Area		: 10%			
	Location: 7 Utility Rooms, And 8 Stai	•				
	Explanation: 7 Gas Fired Furnaces, 8					
Radiant Heater	10%	2020	\$99,300	2	\$11,000	В
	Other Observation, Extent : Light, Area	Affected	: 10%			
	Location : Hallway					
	Explanation: 50 Electric Baseboard F	Radiants				
No Component	80%					D
	Other Observation, Extent : Light, Area	Affected	: 0%			
	Location : Throughout					
	Explanation: Businesses Supply And I	Maintain	Their Own Heatin	g And A	C Equipment	
Ventilation						
Distribution	100/	LIEE	* *	2.5	#21 000	ъ
Ductwork/Diffusers	10%	LIFE	* *	2-5	\$21,000	B D
No Component	90%					<u>D</u>
Exhaust Fans Roof	5%	2020	\$9,000	2	\$400	В
No Component	95%	2020	\$9,000	2	\$400	D
Plumbing	93%					<u> </u>
H/C Water Piping						
Brass/Copper	100%	2035	* *	1		В
Water Heater	100/0	2033				
Gas Fired	100%	2020	\$52,500	2	\$3,500	В
Gus i ned	Other Observation, Extent : Light, Area			_	ψ3,500	Ь
	Location: 7 Utility Rooms	33				
	Explanation: 7 Units					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Fixtures						
Generic	100%					В

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NEW YORK CITY TERMINAL MARKET BUILDING C-4

Address : HALLECK STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 14,230 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 12-Jun-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN : 2109490

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$327,100	
Interior Architecture	\$47,300	\$47,300
Electrical		\$245,700
Total	\$374,400	\$293,100
Priority A	\$327,100	
Priority B		\$245,700
Priority C	\$47,300	\$47,300
Total	\$374,400	\$293,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$10,300			
Interior Architecture	\$47,200			
Electrical	\$11,000	\$100	\$100	\$200
Mechanical	\$100		\$100	\$100
Total	\$68,600	\$100	\$200	\$300
Priority A	\$10,300			
Priority B	\$50,500	\$100	\$200	\$300
Priority C	\$7,800			
Total	\$68,600	\$100	\$200	\$300



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

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

Asset #: 2127

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type		'ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls						_		
Cast in Place Concrete	5%	Now	\$10,300	LIFE	* *	5	\$4,800	Α
	_	_	Extent : Moderate	, Area A	ffected : 15%			
	Location:	_			. A.C 1 . 100/			
	Location :	5	ent, Extent : Moder	aie, Arec	і Ајјесіва : 10%			
					de de		* 0.400	
Concrete Masonry Unit	70%	Now	\$104,900	LIFE	**	5	\$8,400	A
	Location :	_	ents, Extent : Mod	erate, Ar	ea Affectea : 15%			
				Affaa	401.150/			
	Location :		tent : Moderate, Ar	еа Ајјес	tea : 15%			
M 10 7 5		Corners		2020	* *		Φ1 7 000	
Metal Coiling Doors	25%	1.51	. T M 1	2030		5	\$15,000	A
	Location:		ts, Extent : Modera cade	ite, Area	Affected : 10%			
	Corrosion/R Location :	_	xtent : Moderate, A ade	Area Affe	cted : 15%			
Windows								
Metal Louvers	80%			2028	* *	10	\$111,300	A
Steel	20%	Now	\$66,100	2033	* *	5	\$27,800	Α
	Corrosion/R Location :	0.	xtent : Moderate, A out	Area Affe	cted : 25%			
	Glazing Bro Location:		ked, Extent : Mode out	rate, Are	ea Affected : 25%			
	Thermally In Location :		Extent : Moderate	, Area Ą	ffected : 25%			
Roof		<u> </u>						
Modified Bitumen	100%	Now	\$44,800	2030	* *			Α
		sing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 30%			
	Location:	_						
nterior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$94,700	C
Interior Walls	_							
Concrete Masonry Unit	100%			LIFE	* *	5	\$15,600	C
Ceilings								
Exposed Concrete	20%			LIFE	* *	5-10	\$5,400	В
Exposed Struc: Steel	80%			LIFE	* *	10	\$34,600	В

Electrical	Current Rep	pair	Future	Replacement	Ma	aintenance	
System Component Type	% of Fail Date E Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Under 600 Volts

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

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

Asset #: 2127

Electrical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts Service Equipment Fused Disc Sw	100% Other Observation, Extent : Moderate	2025 Area Affec	\$3,100 ted : 100%	5	\$100	В
	Location : Electrical Room Explanation : 1- 600 Amps Main Dis					
Transformers Dry Type	100% Other Observation, Extent : Moderate Location : Electrical Room		\$14,200 ted : 100%	5	\$100	В
Switchgear / Switchboard	Explanation: 1-25 Kva 480hv-208y.	7120lV				
Fused Disc Sw	100% Other Observation, Extent : Moderate Location : Electrical Closet Explanation : All Switchgear Belong			5	\$100	В
Raceway						
Conduit	100%	2025	\$19,400	1		В
Panelboards	100/	2024	Φ2 200	~		ъ
Fused Disc Sw Molded Case Bkrs	10% 90%	2024 2024	\$2,300 \$20,600	5 5	\$300	B B
	Other Observation, Extent : Moderate Location : Throughout The Building Explanation : 70% Belongs To Tena					
Wiring Thermoplastic	100%	2025	\$24,600	1		В
Motor Controllers Locally Mounted	100%	2023	\$8,100	5	\$100	В
Ground						
Grounding Devices Generic	100% 0-2 \$900 Other Observation, Extent: Moderate Location: 1st Floor		* * ted : 100%	5	\$200	В
Lighting	Explanation : Corroded					
Lighting Interior Lighting						
Fluorescent	75%	2020	\$45,500	10	\$9,900	В
Tuorescent	T-12 Lamps, Extent: Moderate, Area Location: Throughout The Building	Affected: 1		10	Ψ2,200	Б
Fluorescent	10% T-8 Lamps, Extent : Moderate, Area A Location : Throughout The Building		* *	10	\$1,300	В
HID	15%	2020	\$7,500	10	\$100	В
Egress Lighting					·	
Emergency, Battery	10%	2030	* *	10	\$300	В
Exit, Service	50%	2025	\$1,000	1		В
Exit, Service	40%	2025	\$800	1		В

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

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

Asset #: 2127

Electrical	Currer	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting							
Exterior Lighting							
HID	100%		2020	\$4,900	10		В
Alarm							
Security System							
No Component	90%						D
Generic	10%		2020	\$4,100	1	\$500	В
Fire/Smoke Detection							
Generic, Digital	100%		2025	\$139,700			В

Mechanical	Current Repair	Future	Replacement	Maintenance			
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating							
Energy Source							
Electricity	5%	2035	* *	1		В	
Natural Gas	5%	2035	* *	1		В	
No Component	90%					D	
Conversion Equipment							
Furnace	5%	2025	\$800	1	\$400	В	
	Other Observation, Extent : Light,	Area Affected :	100%				
	Location: Utility Room						
	Explanation: One Unit, Gas Fir	ed					
Radiant Heater	5%	2030	* *	2	\$300	В	
	Other Observation, Extent : Light,	Area Affected :	5%				
	Location : Rest Room						
	Explanation: 1 Electrical Unit						
No Component	90%					D	
/entilation							
Exhaust Fans							
Roof	5%	2020	\$500	2		В	
No Component	95%					D	
Plumbing							
H/C Water Piping							
Brass/Copper	100%	2035	* *	1		В	
Water Heater							
Electric	100%	2023	\$2,100	4	\$100	В	
	Other Observation, Extent: Light,	Area Affected:	100%				
	Location: Utility Room						
	Explanation: 1 Small Unit						
Sanitary Piping							
Cast Iron	100%	LIFE	* *	1		В	
Storm Drain Piping							
Cast Iron	100%	LIFE	* *	1		В	
Fixtures							
Generic	100%					В	

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NEW YORK CITY TERMINAL MARKET BUILDING D

Address : HALLECK STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 231,054 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 11-Jun-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2770 Lot : 1 BIN : 2109499

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,669,500	\$449,300
Interior Architecture	\$1,018,200	\$1,523,900
Electrical	\$308,200	\$4,832,100
Mechanical		\$151,700
Total	\$2,995,900	\$6,957,000
Priority A	\$1,669,500	\$449,300
Priority B	\$799,900	\$5,116,500
Priority C	\$526,500	\$1,391,200
Total	\$2,995,900	\$6,957,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture				_
Interior Architecture	\$134,000			\$28,500
Electrical	\$54,200	\$900	\$2,100	\$3,900
Mechanical	\$11,200	\$1,900	\$5,300	\$1,900
Total	\$199,400	\$2,700	\$7,400	\$34,200
Priority A				
Priority B	\$65,400	\$2,700	\$7,400	\$5,700
Priority C	\$134,000			\$28,500
Total	\$199,400	\$2,700	\$7,400	\$34,200



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

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

Asset #: 2149

Architecture	Current	t Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls Cast in Place Concrete	5% Now Cracking/Crumblin Location: Loadin	\$117,900 g, Extent : Moderate	LIFE e, Area A <u>f</u>	* * fected : 10%	5	\$55,100	A
Concrete Masonry Unit	25% Now Diagonal Cracks, E Location: East Fo Jnt Mortar Miss/Er	\$215,300 Extent : Moderate, An acade, West Facade od, Extent : Moderat acade, West Facade	00		5	\$34,500	A
Metal Panel	35% 0-2 Deformed/Dented, Location: Through	\$105,300 Extent : Light, Area I ghout	2045 Affected :	**	5	\$144,800	A
Metal Coiling Doors	30%		2030	* *	5	\$206,800	A
Weathering Steel	5%		LIFE	* *	1		A
Windows Aluminum	100% Now Broken/Missing Ele Location: Throug	\$676,100 ements, Extent : Mod	2033 Gerate, Arc	* * ea Affected : 30%	5	\$42,600	A
Roof	<u> </u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Modified Bitumen	100% Now Broken/Missing Electrocation: Through	\$554,800 ements, Extent : Mod ghout	2030 Terate, Ar	* * ea Affected : 30%			A
Interior							
Floors Carpet	8% Now Punct/Tear/Impact Location: Throug	\$103,400 Damage, Extent : M	2024 oderate, 1	\$344,600 Area Affected : 30%	3	\$42,700	С
Cast in Place Concrete	55% Now Cracking/Crumblin Location: Throug	\$96,500 g, Extent : Light, Arc ghout	LIFE ea Affecte	* * ed : 10%	5	\$428,400	С
Ceramic Tile	5% Now Cracking/Crumblin Location: Throug	\$65,400 g, Extent : Moderate ghout	2034 e, Area A <u>f</u>	* * fected : 30%	5	\$8,900	С
Vinyl Tile	32% 0-2 Broken/Missing Electron : Through	\$183,700 ements, Extent : Ligh ghout	2025 t, Area Aj	\$918,300 ffected : 20%	3	\$42,700	С
Interior Walls							
Ceramic Tile	5% Now Cracking/Crumblin Location: Through	\$87,400 g, Extent : Severe, A ghout	2028 rea Affec	* * ted : 30%	5	\$5,600	С
Concrete Masonry Unit	50%		LIFE	* *	5	\$89,100	С
Gypsum Board	20%		LIFE	* *	5-10	\$75,700 \$47,200	C
Plaster	25%		LIFE	* *	5-10	\$47,300	С

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET BUILDING D

Asset #: 2149

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	20%			2030	* *	5	\$74,500	В
Exposed Concrete	10%			LIFE	* *	5-10	\$46,500	В
Exposed Struc: Steel	45%			LIFE	* *	10	\$335,100	В
Plaster	25%	Now	\$115,800	LIFE	* *	5	\$58,200	В
	U	Crumbling, : Through	Extent : Moderate out	, Area Aj	ffected : 20%			

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type		Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2025	\$165,400	5	\$6,100	В
			nt : Moderate, A	Area Affe	cted : 100%			
		Electrical F		. 0	•. 1			
Transformers	Explanatio	on : 4- 000 A	mps Main Disco	onnect Si	vitcn			
Dry Type	100%			2023	\$14,200	5	\$800	В
Dry Type		rvation. Exte	ent : Moderate, A			3	φουσ	Ъ
		Electrical F		1,00,11,50	. 100,0			
	Explanatio	on : 1- 112.5	Kva & 3- 75 Kı	va				
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	\$333,000	5	\$1,000	В
	Other Obser	rvation, Exte	ent : Moderate, A	Area Affe	cted : 100%			
	Location :	Electrical C	Closet					
	Explanatio	on : All Swite	chgear Belongs	To Tenar	ıt			
Raceway								_
Conduit	100%			2025	\$440,900	1		В
Panelboards	1.007			2024	42 < 7 00	~	Φ.500	D
Fused Disc Sw	10%			2024	\$36,700	5	\$500	В
Molded Case Bkrs	90%			2024	\$330,400	5	\$5,500	В
Wiring Braided Cloth	60%	2-4	\$308,200	2050	* *	1		В
Braided Ciotii			: Moderate, Are		od · 100%	1		Ъ
			The Building	a rijjeere	a. 10070			
Thermoplastic	40%			2025	\$205,500	1		В
Motor Controllers	1070			2023	Ψ203,300	1		
Locally Mounted	100%			2023	\$477,300	5	\$1,600	В
Ground	/ -				, , , , , , , , , , , , , , , , , , , ,		. ,,,,,	
Grounding Devices								
Generic	100%	2-4	\$900	LIFE	* *	5	\$3,400	В
			ent : Moderate, A	Area Affe	cted : 100%			
		Water Mair						
Lighting	Explanatio	on : Corrode	d					

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.

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

Asset #: 2149

Electrical	Current Repai	r Future	Replacement	Ma					
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Lighting									
Interior Lighting									
Fluorescent	10%	2020	\$99,800	10	\$21,800	В			
	T-12 Lamps, Extent: Mode		00%						
	Location: Throughout The	-							
	Other Observation, Extent		ted : 100%						
	Location : Throughout Th	· ·							
	Explanation: 70% Of Int	erior Lighting Belongs	To Tenant						
Fluorescent	75%	2030	* *	10	\$163,600	В			
	<u> -</u>	T-8 Lamps, Extent : Moderate, Area Affected : 100%							
	Location: Throughout Th	he Building							
	Other Observation, Extent	: Moderate, Area Affec	rted : 100%						
	Location: Throughout Th	he Building							
	Explanation: 70% Of Int	erior Lighting Belongs	To Tenant						
HID	15%	2020	\$123,800	10	\$1,200	В			
	Other Observation, Extent	: Moderate, Area Affec	rted : 100%						
	Location: Throughout The Building								
	Explanation: 70% Of Int	erior Lighting Belongs	To Tenant						
Egress Lighting									
Emergency, Battery	50%	2020	\$41,000	10	\$28,700	В			
Emergency, Battery	10%	2030	* *	10	\$5,700	В			
Exit, Service	40%	2020	\$13,100	1		В			
Exterior Lighting									
HID	100%	2020	\$80,100	10	\$700	В			
Alarm									
Security System									
No Component	90%					D			
Generic	10%	2025	\$66,300	1	\$8,600	В			
Fire/Smoke Detection									
Generic, Digital	100%	2025	\$2,268,200			В			

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							
Electricity	10%		2035	* *	1		В
Natural Gas	10%		2035	* *	1		В
No Component	80%						D

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

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

Mechanical	Current Repair Futu		Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating							
Conversion Equipment							
Furnace	10%	2020	\$27,500	1	\$11,800	В	
	Other Observation, Extent : Light, A		100%				
	Location: 7 Utility Rooms, And 8 Stairways						
	Explanation: 7 Gas Fired Furnace						
Radiant Heater	10%	2020	\$99,300	2	\$11,000	В	
	Other Observation, Extent : Light, A	rea Affected : 2	20%				
	Location: Hallway						
	Explanation: 50 Electric Baseboar	d Radiants					
No Component	80%					D	
	Other Observation, Extent : Light, A	rea Affected : 0	0%				
	Location:						
	Explanation : Businesses Supply Ar	nd Maintain Th	ieir Own Heatin	g And A	C Equipment		
Ventilation							
Distribution	1.007		de de	a -	421 000		
Ductwork/Diffusers	10%	LIFE	* *	2-5	\$21,000	В	
No Component	90%					D	
Exhaust Fans	50/	2020	ΦΩ ΩΩΩ	2	Φ.4.0.0	ъ	
Roof	5%	2020	\$9,000	2	\$400	В	
No Component	95%					D	
Plumbing							
H/C Water Piping	1000/	2025	* *	1		D	
Brass/Copper	100%	2035		1		В	
Water Heater Gas Fired	100%	2023	¢52.500	2	¢2 500	В	
Gas Fired	Other Observation, Extent : Light, A		\$52,500	2	\$3,500	В	
	Location: 7 Utility Rooms	rea Ajjeciea : 1	100%				
	Explanation: 7 Units						
Conitory Dining	Explanation . 7 Units						
Sanitary Piping Cast Iron	100%	LIFE	* *	1		В	
Storm Drain Piping	100/0	LIFE	• •	1			
Cast Iron	100%	LIFE	* *	1		В	
Fixtures	100/0	LIFE		1			
Generic	100%					В	
Generic	100/0						

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NEW YORK CITY TERMINAL MARKET BUILDING S.B. - SERVICE BRIDGE

Address : HALLECK STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 70,800 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 12-Jun-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN : 2109502

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$342,400	\$113,500
Interior Architecture	\$164,200	\$253,900
Electrical	\$48,700	\$1,106,000
Mechanical		\$312,100
Total	\$555,300	\$1,785,500
Priority A	\$342,400	\$113,500
Priority B	\$127,100	\$1,457,400
Priority C	\$85,800	\$214,500
Total	\$555,300	\$1,785,500

Priority C	\$95,300	\$700		\$6,000
Priority B	\$87,700	\$3,100	\$4,500	\$4,000
Priority A	\$69,800			
Total	\$252,900	\$3,700	\$4,500	\$10,000
Mechanical	\$65,800	\$2,800	\$3,900	\$2,800
Electrical	\$11,300	\$300	\$600	\$1,200
Interior Architecture	\$105,900	\$700		\$6,000
Exterior Architecture	\$69,800			
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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 #: 2128

Architecture	Currer	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year E FY	Sstimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls Cast in Place Concrete	5% Now Cracking/Crumblin Location : Loadi	\$18,800 ng, Extent : Moderat ng Dock	LIFE e, Area Affe	* * cted : 15%	5	\$8,800	A
		rment, Extent : Mode ng Dock					
Concrete Masonry Unit	Location : North Jnt Mortar Miss/E	\$34,300 Extent : Moderate, A Facade, South Faca rod, Extent : Modera	de ite, Area Aff		5	\$5,500	A
		Facade, South Faca					
Metal Panel	35% Now Broken/Missing El Location: Throw	\$16,800 ements, Extent : Mod ghout	2045 derate, Area	* * Affected : 30%	5	\$23,100	A
Metal Panel	30%		2045	* *	5-10	\$72,500	A
Weathering Steel	5%		LIFE	* *	1		A
Windows Aluminum	100% Now Broken/Missing El Location : Throu	\$342,400 ements, Extent : Ligh ghout	2033 ht, Area Affe	* * cted : 20%	5	\$21,600	A
Roof Modified Bitumen	100%		2030	* *	10	\$60,800	A
Interior Floors Carpet	10% 0-2 Broken/Missing El Location : Throu	\$6,400 ements, Extent : Ligh ghout	2024 ht, Area Affe	\$64,400 cted : 20%	3	\$8,000	С
Cast in Place Concrete	25%		LIFE	* *	5	\$58,200	С
Ceramic Tile	5% Now Cracking/Crumbling Location: Throu	\$19,600 ng, Extent : Severe, A ghout	2034 Area Affected	* * d : 40%	5	\$1,300	С
Vinyl Tile	50% Now Cracking/Crumbling Location: Throu	\$85,800 ng, Extent : Severe, A ghout	2025 Area Affected	\$214,500 d:40%	3	\$10,000	С
Vinyl Tile	10% Recent Replace Ev Location : Throu	ident, Extent : Light, ghout	2035 Area Affect	* * ed : 100%	3	\$2,000	С
Interior Walls							
Concrete Masonry Unit	20% Now Cracking/Crumbling Location: Throw	\$22,000 ng, Extent : Moderat ghout	LIFE e, Area Affe	* * cted : 20%	5	\$2,100	С
Gypsum Board	25%		LIFE	* *	5-10	\$11,100	С
Plaster	55% Now	\$10,900 ng, Extent : Moderat ghout	LIFE	* * cted : 20%	5	\$4,300	С

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

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

Asset #: 2128

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2030	* *	5	\$30,300	В
Exposed Concrete	10%			LIFE	* *	5-10	\$12,100	В
Plaster	65%	Now	\$78,400	LIFE	* *	5	\$39,400	В
•	Cracking/	Crumbling,	Extent: Moderate	, Area Aj	ffected : 20%			
	Location	: Through	out					

Electrical		Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	\$31,000	5	\$300	В
			xtent : Moderate, A	Area Affe	ected : 100%			
	Location	: Electrica	l Room					
	Explanati	on : 3- 600	O Amps Main Disco	onnect S	witch			
Transformers								
Dry Type	100%			2023	\$14,200	5	\$300	В
			xtent : Moderate, A					
	Location	: Basemen	t And Second Floo	r Electri	cal Closet			
	Explanati	on: 1-225	5 Kva 480hv-208y/	120lv Ar	ıd One 75 Kva 480	hv-208y/	120lv	
Switchgear / Switchboard								
Fused Disc Sw	100%			2025	\$106,000	5	\$300	В
Raceway								
Conduit	100%			2025	\$80,200	1		В
Panelboards								
Fused Disc Sw	10%			2024	\$9,200	5	\$200	В
Molded Case Bkrs	90%			2024	\$82,600	5	\$1,700	В
Wiring								
Braided Cloth	60%	2-4	\$48,700	2050	* *	1		В
	Insulation 1	Aged, Exte	nt : Moderate, Are	a Affecte	ed : 100%			
	Location	: Through	out The Building					
Thermoplastic	40%			2025	\$32,500	1		В
Motor Controllers					•			
Locally Mounted	100%			2023	\$112,300	5	\$500	В
Ground					•			
Grounding Devices								
Not Accessible	100%							D
Lighting								_

Lighting

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 #: 2128

Electrical	Current Repair		Future Replacement			Maintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost Yes		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting							
Interior Lighting							
Fluorescent	80%	203	30	* *	10	\$26,100	В
	Other Observation, Ext	ent : Moderate, Area A	Affecte	ed : 100%			
	Location : Throughou	ıt The Building					
	Explanation: T-8 Lan	nps					
Fluorescent	20%	202	20	\$29,800	10	\$6,500	В
	Other Observation, Ext Location : Throughou Explanation : T-12 Lo	ut The Building	Affecte	ed : 100%			
Egress Lighting							
Emergency, Battery	50%	202	20	\$6,100	10	\$4,300	В
Emergency, Battery	10%	203	30	* *	10	\$900	В
Exit, Service	40%	202	20	\$2,000	1		В
Exterior Lighting							
HID	100%	202	20	\$24,500	10	\$200	В
Alarm							
Security System							
No Component	90%						D
Generic	10%	202	25	\$20,300	1	\$2,600	В
Fire/Smoke Detection							
Generic, Digital	100%	202	25	\$695,000			В

echanical		Current I	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ating								
Energy Source								
Natural Gas	100%	Now	\$1,400	2035	* *	1		В
	Unit Inop	erable, Exte	ent : Severe, Area A	ffected :	10%			
	Location	ı : Gas Boo	ster Pump, Baseme	ent Boilei	r Room			
Conversion Equipment								
Hot Water Boiler	100%	Now	\$3,800	2023	\$75,800	1	\$15,800	В
	Corroded,	Extent : M	loderate, Area Affe	cted : 10	%			
	Location	ı : Boiler						
	Malfunctioning, Extent: Severe, Area Affected: 2%							
	Location : Controler Needs To Be Replaced							
	Other Observation, Extent: Light, Area Affected: 100%							
		ı : Basemer	_	55				
		tion : 2 Un						
Distribution	Вхрини	11011 . 2 011						
Hot Wtr Piping/Pump	100%	Now	\$16,900	2024	\$169,400	4	\$1,800	В
11ot wu 1 iping/1 ump			Ioderate, Area Affe			7	φ1,000	ъ
			out Boiler Room	ieu . 20	/0			
T : 1D :	Locuitor	i . Inrough	oui Boilet Room					
Terminal Devices	0.00/			2020	* *	1	¢0.200	D
Convector/Radiator	80%			2030		1	\$9,200	В
Unit Heater-Stm/HW	20%			2020	\$43,500	4	\$1,000	В

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

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

Mechanical		Current Repair		Futur	re Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		В
Conversion Equipment								
Ext Pkg Unit - Cooling	15%			2025	\$23,300	2	\$300	В
	_	_	tent : Light, Area A	ffected :	15%			
	Location	n : Roof						
Ext Pkg Unit - Cooling	20%	Now	\$31,100	2035	* *	2	\$300	В
	R-22 Refr	igerant, Ex	tent : Light, Area A	ffected :	20%			
	Location	ı : 3 Obsole	ete Units, Roof					
Window/Wall Unit	15%			2020	\$10,400	1		В
No Component	50%							D
Ventilation								
Distribution								
Ductwork/Diffusers	35%			LIFE	* *	2-5	\$11,000	В
No Component	65%							D
Exhaust Fans								
Roof	40%			2020	\$10,700	2	\$400	В
No Component	60%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		В
Water Heater								
Gas Fired	50%			2020	\$3,900	2	\$300	В
Gas Fired	50%			2023	\$3,900	2	\$300	В
Sanitary Piping								_
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)				.	.	_		_
Submersible	100%			2016	\$6,300	4	\$2,500	В
Fixtures	100							
Generic	100%							В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT A

Address : HALLECK STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 1,444 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 12-Jun-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$49,700	
Electrical		\$55,100
Total	\$49,700	\$55,100
Priority A	\$49,700	
Priority B		\$55,100
Total	\$49,700	\$55,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture				
Interior Architecture	\$7,100			
Electrical	\$1,300			
Mechanical				
Total	\$8,400			
Priority A				
Priority B	\$3,700			
Priority C	\$4,700			
Total	\$8,400			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT A

Asset #: 2129

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Concrete Masonry Unit	100%	Now	\$49,700	LIFE	* *	5	\$4,000	Α
	Diagonal	Cracks, Ex	tent : Moderate, Ar	ea Affec	ted : 10%			
	Location	: Corners						
	Int Morta	r Miss/Eroo	d, Extent : Moderat	e. Area	Affected: 10%			
		: Through		.,	3,5			
Windows								
Metal Louvers	100%			2028	* *	10		A
Roof								
Single Ply Membrane	100%			2035	* *	10	\$4,100	A
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$9,500	C
Interior Walls								
Concrete Masonry Unit	100%			LIFE	* *	5		C
Ceilings								
Exposed Concrete	100%			LIFE	* *	5-10	\$2,700	В

Electrical	Current Repair	Future	Replacement	Ma	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Air Circuit Breaker	100%	2025	\$3,100	5		В
	Other Observation, Extent: Modera	te, Area Affec	ted : 100%			
	Location : Electrical Room					
	Explanation: One 3000 Amps Mai	in Disconnect	Switch Fed To Bi	iildings A	A & B	
Switchgear / Switchboard						
Air Circuit Breaker	65%	2025	\$9,800	5		В
Molded Case Bkrs	35%	2025	\$1,300	5		В
Raceway						
Busway	50%	2023	\$1,900	1		В
Conduit	50%	2025	\$1,900	1		В
Panelboards						
Molded Case Bkrs	100%	2024	\$55,100	5		В
Wiring						
Thermoplastic	100%	2025	\$3,600	1		В
Lighting						
Interior Lighting						
Fluorescent	100%	2020	\$7,800	10	\$1,300	В
	Other Observation, Extent : Modera	te, Area Affec	rted : 100%			
	Location: Throughout The Building	ig				
	Explanation: T-12 Lamps					
Exterior Lighting						
HID	100%	2020	\$500	10		В

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT A

Mechanical	Current R	epair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation							
Exhaust Fans							
Roof	50%		2030	* *	2		В
Wall Unit	50%		2025	\$1,000	2		В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT B

Address : HALLECK STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 1,444 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 12-Jun-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Electrical		\$55,100
Total		\$55,100
Priority B		\$55,100
Total		\$55,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$24,900			
Interior Architecture	\$7,100			
Electrical	\$1,300			
Mechanical				
Total	\$33,300			
Priority A	\$24,900			
Priority B	\$3,700			
Priority C	\$4,700			
Total	\$33,300			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT B

Asset #: 2289

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Concrete Masonry Unit	100%	Now	\$24,900	LIFE	* *	5	\$4,000	A
	_	Cracks, Ext : Corners	tent : Moderate, Ai	rea Affec	ted : 15%			
Windows								
Metal Louvers	100%			2028	* *	10		A
Roof								
Single Ply Membrane	100%			2035	* *	10	\$4,100	A
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$9,500	C
Interior Walls								
Concrete Masonry Unit	100%			LIFE	* *	5		C
Ceilings								
Exposed Concrete	100%			LIFE	* *	5-10	\$2,700	В
-	Water Pene	etration, E	xtent : Moderate, A	Area Affe	cted : 15%			
	Location	: Vault Ar	ea					

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Air Circuit Breaker	100%	2025	\$3,100	5		В
	Other Observation, Extent: Modera	ite, Area Affec	eted : 100%			
	Location: Electrical Room					
	Explanation: One 5000 Amps Ma	in Disconnect	Switch Fed To Bi	uildings (C And D	
Switchgear / Switchboard						
Air Circuit Breaker	65%	2025	\$9,800	5		В
Molded Case Bkrs	35%	2025	\$1,300	5		В
Raceway						
Busway	50%	2023	\$1,900	1		В
Conduit	50%	2025	\$1,900	1		В
Panelboards						
Molded Case Bkrs	100%	2024	\$55,100	5		В
Wiring						
Thermoplastic	100%	2025	\$3,600	1		В
Lighting						
Interior Lighting						
Fluorescent	100%	2020	\$7,800	10	\$1,300	В
	Other Observation, Extent: Modera	ite, Area Affec	eted : 100%			
	Location: Throughout The Buildir	ıg				
	Explanation: T-12 Lamps					
Exterior Lighting						
HID	100%	2020	\$500	10		В

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT B

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation						
Exhaust Fans						
Roof	50%	2030	* *	2		В
Wall Unit	50%	2020	\$1,000	2		В
	Other Observation, Extent : Light, Are	a Affected	: 50%			
	Location : Side Wall Of The Vault					
	Explanation: One Unit					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT C

Address : HALLECK STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 1,444 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 12-Jun-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Electrical		\$55,100
Total		\$55,100
Priority B		\$55,100
Total		\$55,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$24,900			
Interior Architecture	\$7,100			
Electrical	\$1,300			
Mechanical				
Total	\$33,300			
Priority A	\$24,900			
Priority B	\$3,700			
Priority C	\$4,700			
Total	\$33,300			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT C

Asset #: 2290

Architecture	Cı	urrent Repair		Futur	e Replacement	Ma	aintenance	
System Component Type		il Date Estimat Years)	ed Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Concrete Masonry Unit	100% N	Now \$2	24,900	LIFE	* *	5	\$4,000	Α
	Diagonal Cra	icks, Extent : Mod	lerate, Are	ea Affect	ed : 15%			
	Location : C	Corners						
	Int Mortar M	iss/Erod, Extent :	Moderate	e. Area A	Affected: 15%			
	Location : T			.,	9,,			
Windows								
Metal Louvers	100%			2028	* *	10		A
Roof								
Single Ply Membrane	100%			2035	* *	10	\$4,100	A
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$9,500	C
Interior Walls								
Concrete Masonry Unit	100%			LIFE	* *	5		C
Ceilings								
Exposed Concrete	100%			LIFE	* *	5-10	\$2,700	В

Electrical	Current R	lepair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Service Equipment							
Air Circuit Breaker	100%		2025	\$3,100	5		В
	Other Observation, E	xtent : Moderate, A	rea Affe	cted : 100%			
	Location : Electrica	l Room					
	Explanation: One 5	5000 Amps Main Di	sconnec	t Switch Fed To Bi	iildings 1	A, B & Cafeteria	
Switchgear / Switchboard							
Air Circuit Breaker	80%		2025	\$12,100	5		В
Molded Case Bkrs	20%		2025	\$700	5		В
Raceway							
Busway	50%		2023	\$1,900	1		В
Conduit	50%		2025	\$1,900	1		В
Panelboards							
Molded Case Bkrs	100%		2024	\$55,100	5		В
Wiring							
Thermoplastic	100%		2025	\$3,600	1		В
Lighting							
Interior Lighting							
Fluorescent	100%		2020	\$7,800	10	\$1,300	В
	T-12 Lamps, Extent:	Moderate, Area Aff	ected : 1	100%			
	Location: Through	out The Building					
Exterior Lighting							-
HID	100%		2020	\$500	10		В

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT C

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation						
Exhaust Fans						
Roof	50%	2030	* *	2		В
Wall Unit	50%	2020	\$1,000	2		В
	Other Observation, Extent : Light, Area	Affected	! : 50%			
	Location : Mounted On Side Wall					
	Explanation: One Unit					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT D

Address : HALLECK STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 1,444 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 12-Jun-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Electrical		\$55,100
Total		\$55,100
Priority B		\$55,100
Total		\$55,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$24,900			
Interior Architecture	\$7,100			
Electrical	\$1,300			
Mechanical				
Total	\$33,300			
Priority A	\$24,900			
Priority B	\$3,700			
Priority C	\$4,700			
Total	\$33,300			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT D

Asset #: 2291

Current R	epair	Futur	e Replacement	M	aintenance	
% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
100% Now	\$24,900	LIFE	* *	5	\$4,000	A
Diagonal Cracks, Exte	ent : Moderate, Ar	ea Affec	ted : 15%			
Location: Corners						
Jnt Mortar Miss/Erod	Extent : Moderat	e, Area A	Affected : 25%			
Location: Througho	ut					
100%		2028	* *	10		A
100%		2035	* *	10	\$4,100	A
100%		LIFE	* *	5	\$9,500	C
100%		LIFE	* *	5		C
100%		LIFE	* *	5-10	\$2,700	В
	% of Fail Date Total (Years) 100% Now Diagonal Cracks, Exte Location: Corners Int Mortar Miss/Erod, Location: Througho 100% 100% 100%	Total (Years) 100% Now \$24,900 Diagonal Cracks, Extent: Moderate, Ar Location: Corners Jnt Mortar Miss/Erod, Extent: Moderat Location: Throughout 100% 100% 100%	% of Total Fail Date Estimated Cost (Years) 100% Now \$24,900 LIFE Diagonal Cracks, Extent: Moderate, Area Affect Location: Corners Int Mortar Miss/Erod, Extent: Moderate, Area A Location: Throughout 100% 2028 100% 2035	% of TotalFail Date (Years)Estimated Cost FYYear FYEstimated Cost FY100%Now\$24,900LIFE**Diagonal Cracks, Extent: Moderate, Area Affected: 15%Location: CornersJnt Mortar Miss/Erod, Extent: Moderate, Area Affected: 25%Location: Throughout2028**100%2035**100%LIFE**100%LIFE**	% of TotalFail Date (Years)Estimated Cost FYYear FYEstimated Cost (Yrs)Cycle (Yrs)100%Now\$24,900LIFE** 5Diagonal Cracks, Extent: Moderate, Area Affected: 15% Location: CornersInt Mortar Miss/Erod, Extent: Moderate, Area Affected: 25% Location: Throughout100%2028** 10100%2035** 10LIFE** 5100%LIFE** 5	% of Total Fail Date (Years) Estimated Cost (FY) Estimated Cost (Yrs) Cycle (Yrs) Estimated Cost (Yrs) 100% Now \$24,900 LIFE ** 5 \$4,000 Diagonal Cracks, Extent: Moderate, Area Affected: 15% Location: Corners Interest (Yrs) Interest (Yrs) Interest (Yrs) Interest (Yrs) \$4,000 Interest (Yrs) Interest (Yrs) Interest (Yrs) \$4,000 Interest (Yrs) \$4,000 Interest (Yrs) Interest (Yrs) Interest (Yrs) \$4,000 Interest (Yrs) \$4,000 Interest (Yrs) Interest (Yrs)

Electrical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Air Circuit Breaker	100%	2025	\$3,100	5		В
	Other Observation, Extent : Moder	ate, Area Affected	: 100%			
	Location : Electrical Room					
	Explanation : One 5000 Amps & D And Service Bridge	One 3000 Amps M	ain Disconnec	t Switch	Fed To Building	
Switchgear / Switchboard						
Air Circuit Breaker	100%	2025	\$15,100	5		В
Raceway						
Busway	50%	2023	\$1,900	1		В
Conduit	50%	2025	\$1,900	1		В
Panelboards						
Molded Case Bkrs	100%	2024	\$55,100	5		В
Wiring						
Thermoplastic	100%	2025	\$3,600	1		В
Lighting						
Interior Lighting						
Fluorescent	100%	2020	\$7,800	10	\$1,300	В
	Other Observation, Extent: Moder	ate, Area Affected	: 100%			
	Location: Throughout					
	Explanation: T-12 Lamps					
Exterior Lighting						
HID	100%	2020	\$500	10		В

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT D

Mechanical	Current Repair	Future I	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation					·	
Exhaust Fans						
Roof	50%	2030	* *	2		В
Wall Unit	50%	2025	\$1,000	2		В
	Other Observation, Extent : Light, Are	a Affected : :	50%			
	Location : Mounted On Side Wall					
	Explanation: One Unit					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER 42 TERMINAL

Address : EAST RIVER AT GOUVERNEUR SLIP MONTGOMERY - JACKSON STREETS

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBS0006.000 / 2404 Yr Built/Renovated : 1962 /

Area Sq Ft : 100,480 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 25-Jun-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 241 Lot : 13 BIN : 1003138

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$2,751,800	\$1,866,900
Interior Architecture	\$1,257,500	\$285,500
Electrical	\$175,500	\$45,400
Mechanical		\$259,800
Total	\$4,184,800	\$2,457,600
Priority A	\$2,751,800	\$1,866,900
Priority B	\$833,400	\$305,200
Priority C	\$599,600	\$285,500
Total	\$4,184,800	\$2,457,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$45,300			
Interior Architecture	\$3,300			\$900
Electrical	\$31,300	\$500	\$1,300	\$33,300
Mechanical	\$2,200	\$900	\$900	\$9,500
Total	\$82,000	\$1,500	\$2,300	\$43,700
Priority A	\$45,300			
Priority B	\$33,400	\$1,500	\$2,300	\$42,800
Priority C	\$3,300			\$900
Total	\$82,000	\$1,500	\$2,300	\$43,700



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 42 TERMINAL

Asset #: 2404

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior								
Exterior Walls Concrete Masonry Unit	Location Jnt Mortar	: South Fo	l, Extent : Light, A		-	5	\$5,800	A
Fiberglass Panel	_	2-4 Crumbling, : Through	\$12,800 Extent : Moderate out	2027 , Area Ą	* * ffected : 20%	5	\$17,300	A
Metal Panel	Broken/Mis Location Corrosion/	: Through	xtent : Moderate, A			5	\$91,500	A
Metal Coiling Doors	Location Punct/Tear	: Through	amage, Extent : M		* * rea Affected : 20% Area Affected : 20	5	\$36,000	A
Window Wall	Location Glazing Br	: North Fo	ked, Extent : Mode			5	\$3,500	A
Windows								
Aluminum		Now ssing Elem : North Fo	\$521,800 nents, Extent : Seve ncade	2023 re, Area	\$1,739,400 Affected : 100%	5	\$21,900	A
Roof Fiberglass Panel		2-4 ssing Elen : Through	\$7,400 eents, Extent : Mod out	2027 erate, Ar	* * rea Affected : 20%	1		A
Metal Panel	Location Corrosion/ Location Gut/DS No Location Water Pena	: Through Rusting, E : Through n Func/Mi : Through	xtent : Moderate, A out iss, Extent : Severe, out ixtent : Moderate, A	Area Affe Area A <u>j</u>	cted : 40% fected : 100%			A

Interior

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 42 TERMINAL

Asset #: 2404

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								
Floors	0.50/	3.7	#207.000	LIDE	* *	-	4205 500	a
Cast in Place Concrete		Now	\$385,900	LIFE		5	\$285,500	С
	_	_	Extent: Moderate	, Area Aj	gectea : 40%			
		: Through		A CC 4 - 1	. 200/			
		iea, Extent : Through	: Moderate, Area	Ајјестеа	: 30%			
				2024	* *		ΦΦ 500	
Vinyl Tile	5%	Now	\$55,400	2034		3	\$2,600	C
		_	ents, Extent : Mod	erate, Ar	ea Affectea : 50%			
	Location		Madausta Anas A	Control.	500/			
	Loose Unit		Moderate, Area Aj	jeciea : .	00%			
			: Moderate, Area	Affactad	. 500%			
	Location		. Moderale, Area	нујестей .	. 5070			
Interior Walls		5,5111						
Concrete Masonry Unit	90%	2-4	\$158,300	LIFE	* *	5	\$30,100	C
·	Cracking/C	Crumbling,	Extent : Light, Are	ea Affecte	ed : 25%			
	Location	: Through	out					
Gypsum Board	5%	2-4	\$3,300	LIFE	* *	5	\$2,500	С
• •	Cracking/C	Crumbling,	Extent: Moderate	, Area Aj	ffected : 20%			
	Location	: Through	out					
Metal Panel	5%			LIFE	* *			С
Ceilings								
AcousTileConcealSpLn	5%	Now	\$60,400	2044	* *	5	\$4,900	В
		_	ents, Extent : Mod	erate, Ar	ea Affected : 50%			
	Location							
			: Moderate, Area	Affected .	: 50%			
	Location	: Office						
Exposed Struc: Steel	95%	2-4	\$597,500	LIFE	* *			В
			xtent : Moderate, A	rea Affe	cted : 25%			
	Location	: Through	out					

lectrical	Current Repair	Future	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2024	\$1,600	5	\$2,600	В
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location : Electrical Room					
	Explanation: One 2000 Amps Main I	Disconnect	t Switch			
Transformers						
Dry Type	100%	2022	\$14,200	5	\$400	В
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location: Electrical And Mechanical	Room				
	Explanation: One 300 And One 150 I	Kva 277/12	20 V			

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.

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 42 TERMINAL

Asset #: 2404

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts	•							•
Switchgear / Switchboard Molded Case Bkrs	100%			2024	\$45,400	5	\$2,600	В
Raceway Conduit	100%			2024	\$10,600	1		В
Panelboards	10070			2021	Ψ10,000			ь
Fused Disc Sw	5%			2023	\$1,700	5	\$100	В
Molded Case Bkrs	95%			2023	\$32,700	5	\$2,500	В
Wiring							. ,	
Braided Cloth	90%	2-4	\$14,800	2049	* *	1		В
	Insulation	Aged, Exte	nt : Moderate, Are	a Affecte	ed : 100%			
	Location	: Through	out The Building					
Thermoplastic	10%			2024	\$1,600	1		В
Motor Controllers					, ,			
Locally Mounted	100%			2022	\$24,900	5	\$700	В
Ground							·	
Grounding Devices								
Generic	Location	2-4 ervation, E : Water M tion : Corre		LIFE Area Affe	* * ected : 100%	5	\$1,500	В
Lighting	-							
Interior Lighting								
Fluorescent	_	_	\$120,100 , Extent : Moderate out The Building	2034 e, Area A	* * ffected : 100%			В
Fluorescent	30%	Now	\$55,400	2034	* *			В
	_	Fixtures, E : Ground	xtent : Severe, Are		ed : 100%			
Incandescent	_	Now Fixtures, E : Mechani	\$9,200 Extent : Moderate, A Cal Room	2034 Area Affe	* * ected : 100%	2	\$100	В
Egress Lighting								
Emergency, Battery	50%			2019	\$15,800	10	\$11,100	В
Exit, Service		Now ioning, Extend to a contract of the contra	\$6,300 ent : Severe, Area A Floor	2034 Affected .	* *	1		В
Exterior Lighting								
HID	100%			2019	\$3,400	10	\$300	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

Heating

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

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.

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 42 TERMINAL

Mechanical	Current R	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source	1000/		2024	414.200			ъ
Natural Gas	100%	. I ialu Anna Affa	2024	\$14,200	1		В
	Not in Service, Extent Location : Incoming	0 . 33					
	Other Observation, Ex						
	Location : Entire Bu	_	rijjeereu	. 100/0			
	Explanation : The Bi Obsolete	=	Vacant F	or Many Years. Al	l Mechai	nical Equipment Is	
Conversion Equipment							
Furnace	20% 0-2 Not in Service, Extent Location : 1st Floor	\$2,100 : Moderate, Area	2024 Affected	\$21,300 : 20%	1	\$8,200	В
No Component	80%						D
Ventilation							
Exhaust Fans							
Wall Unit	5%		2019	\$6,600	2	\$100	В
No Component	95%						D
Plumbing							
H/C Water Piping Galv Iron/Steel	100%		2022	\$259,800	1		В
Gaiv Iron/Steer	Other Observation, Ex	ctent · Lioht Area		' '	1		Б
	Location : Next To C		rijjeerea	. 10070			
	Explanation: Incom		Is Shut C	Off At Main			
Water Heater	•						
Gas Fired	10% Now		2019	\$2,000	2	\$100	В
	Not in Service, Extent Location : Office Ar		Affected	: 10%			
No Component	90%						D
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%		1 10	20.4			В
	Not in Service, Extent	-	cted : 100)%			
Fire Suppression	Location : Bathroon	is in Office Area					
Sprinkler							
Not Accessible	100%						D

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SOUTH BROOKLYN MARINE TERMINAL

Address : 29TH ST PIERSHED - BLDG #03

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 79,757 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 31-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 662 Lot : 1 BIN : 3378172

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$402,300	\$92,300
Electrical		\$66,800
Total	\$402,300	\$159,100
Priority A	\$402,300	\$92,300
Priority B		\$66,800
Total	\$402,300	\$159,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$27,900			\$200
Interior Architecture	\$13,200	\$1,100	\$6,300	\$68,700
Electrical	\$1,900	\$700	\$24,200	\$900
Mechanical	\$11,200	\$5,000	\$16,600	\$5,900
Total	\$54,200	\$6,900	\$47,100	\$75,700
Priority A	\$27,900			\$200
Priority B	\$13,100	\$5,800	\$47,100	\$6,800
Priority C	\$13,200	\$1,100		\$68,700
Total	\$54,200	\$6,900	\$47,100	\$75,700



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 #: 134

rchitecture		Current F	Repair	Future Replacement		Maintenance		
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior								
Exterior Walls	100/	0.2	4.2 000		de de	_	φ1 2.5 00	
Concrete Masonry Unit			\$42,800 Extent : Light, Area out	LIFE Affected	* * : 10%	5	\$13,700	A
Masonry: Brick			\$15,700 Extent : Moderate	LIFE , Area A	* * ffected : 10%	5	\$5,500	A
		r Miss/Eroo n : East Fac	d, Extent : Moderai cade	te, Area 1	Affected: 25%			
Metal Panel	Location Corrosion	issing Elem n : East Fac	xtent : Moderate, A			5	\$20,600	A
Metal Coiling Doors	Location	n/Rusting, E n : North Fo	\$44,200 Extent : Moderate, A acade, South Facac extent : Moderate, A	le		5	\$25,700	A
	-		icade, South Facad					
Windows								
Aluminum	10%			2039	* *	5	\$400	Α
Steel	Location Corrosion	ped Elemen 1 : Through 1/Rusting, E	xtent : Moderate, A			5	\$23,600	A
	Thermally	n : Through Inefficient n : Through	Extent : Moderate	e, Area A	ffected : 100%			
Parapets								
Concrete Masonry Unit	_	0-2 Crumbling, 1 : Through	\$1,500 Extent : Light, Are out	LIFE ea Affect	* * ed : 10%	5	\$1,300	A
Masonry: Brick	Location Misaligne	Cracks, Ex n : East Fac	Extent : Moderate,			5	\$1,200	A
No Component	90%							D
Roof								
Fiberglass Panel	15%			2026	* *	1		A
Metal Panel	10%			2028	* *	10	\$36,300	Α
Spray-on Foam	70%			2028	* *	5	\$184,500	A
Not Accessible	5%							D

Interior

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

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

Asset #: 134

Architecture	Current R	epair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior							
Floors							
Asphalt Poured	93% 0-2	\$6,600	2028	* *	5	\$25,400	C
	Cracking/Crumbling, Location: Througho	0 .	a Affecte	ed : 10%			
Carpet	5% 0-2	\$6,600	2019	\$66,000	3	\$8,200	C
-	Staining/Discoloring, Location: Througho	0 .	a Affecto	ed : 10%			
Ceramic Tile	2%		2032	* *	5	\$2,200	C
Interior Walls							
Concrete Masonry Unit	90%		LIFE	* *	5	\$23,900	C
Gypsum Board	10%		LIFE	* *	5	\$4,000	C
Ceilings							
AcousTileSusp.Lay-In	10%		2028	* *	5	\$12,500	В
Exposed Struc: Steel	90%		LIFE	* *			В

Electrical	Current Repair		ure Replacement	M	Maintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY		St Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2033	3 *	* 5	\$300	В
	Other Observation, Exter	nt : Moderate, Area Aj	ffected : 100%			
	Location : Electrical R	loom				
	Explanation: 1200 Am	ups				
Switchgear / Switchboard						
Fused Disc Sw	100%	203	* *	* 5	\$300	В
Raceway						
Conduit	100%	203	* *	* 1		В
Panelboards						
Molded Case Bkrs	100%	203	1 *	* 5	\$2,100	В
Wiring						
Thermoplastic	100%	203	*	* 1		В
Motor Controllers						
Locally Mounted	100%	202	8 *	* 5	\$500	В
Lighting						
Interior Lighting						
Fluorescent	100%	203	1 *	* 10	\$66,800	В
	Other Observation, Exter	nt : Moderate, Area Aj	ffected : 100%			
	Location: Throughout					
	Explanation: Using T-	-8 Lamps				
Egress Lighting						
Emergency, Service	50%	202	3 \$5,00	0 1		В
Exit, Service	50%	2023	3 \$5,00	0 1		В
Exterior Lighting			·			
HID	100%	202	3 \$2,70	0 10	\$200	В

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

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

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

Asset #: 134

Electrical	Cı	urrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		il Date Estimated Cos Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Alarm							
Security System							
No Component	90%						D
Generic	10%		2018	\$22,900	1	\$3,000	В
Fire/Smoke Detection							
No Component	90%						D
Generic	10%		2031	* *	1-3	\$5,100	В

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Electricity	2%)		2043	* *	1		В
Natural Gas	98%)		2043	* *	1		В
Conversion Equipment								
Furnace	20%			2028	* *	1	\$7,200	В
	Location	n : Roof	Extent : Light, Area s Fired Packaged F					
Radiant Heater	78%			2028	* *	2	\$26,400	В
radian Teach	Other Ob Location	servation, E n : Through	Extent : Light, Area wout Warehouse as Fired Infared Ho	Affected	: 80%	2	Ψ20,100	D
No Component	2%		<u> </u>					D
Air Conditioning Energy Source Electricity	100%			2039	* *	1		В
Conversion Equipment	100%)		2039		1		В
Ext Pkg Unit - Cooling	5%)		2031	* *	2	\$200	В
	Locatio	n : Rear Of						
			Unit, Condensing				4000	
Ext Pkg Unit - Heating/Cooling	20%)		2028	* *	2	\$900	В
No Component	75%)						D
Terminal Devices								
Fan Coil - Cooling	5%)		2031	* *	1	\$1,200	В
	Locatio	n : Above C	· ·		: 100%			
		•	Unit, Fan Coil Sec	tion				
No Component	95%	•						D

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

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

Mechanical	Current Re	epair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation							
Exhaust Fans							
Roof	50% 0-2	\$1,400	2023	\$27,400	2	\$900	В
	Malfunctioning, Exten			d : 20%			
	Location : Defective	Controls 1 Of 6 U	nits				
	Noisy/Vibrating, Exter	ıt : Moderate, Ared	ı Affecte	d : 30%			
	Location: Roof, 2 O	f 6 Units					
Wall Unit	30%		2023	\$31,300	2	\$700	В
No Component	20%						D
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2043	* *	1		В
Water Heater							
Electric	100%		2021	\$10,700	4	\$600	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В
Fire Suppression							
Standpipe							
No Component	20%						D
Generic	80%		2043	* *	1-5	\$30,500	В
Sprinkler							
Generic	100%		2043	* *	1-2	\$20,400	В

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SOUTH BROOKLYN MARINE TERMINAL GATEHOUSE/GUARDHOUSE

Address : 39TH STREET ENTRANCE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0013.090 / 2282 Yr Built/Renovated : 2011 /

Area Sq Ft : 100 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 31-Jul-2012 Landmark Status : NONE

Areas Surveyed : Floors 1

Block : 662 Lot : 1 BIN :

Total Priority

Total

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



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL GATEHOUSE/GUARDHOUSE

Asset #: 2282

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail D Total (Year	ate Estimated Cost (s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior								
Exterior Walls								
Metal/Glass Curt Wall	50%		LIFE	* *	5	\$400	A	
Metal Panel	50%		2053	* *	5-10	\$1,300	A	
	Recent Construct	ion, Extent : Light, Are	a Affecte	ed : 100%				
	Location: Thro	ughout						
Windows								
Aluminum	100%		2048	* *	5		A	
Roof								
Metal Panel	100%		2043	* *	10	\$500	A	
Interior								
Floors								
Steel Plate	100%		LIFE	* *	1		C	
Interior Walls								
Glass: Single Pane	50%		LIFE	* *	5	\$100	C	
Metal Panel	50%		LIFE	* *			C	
Ceilings								
Metal Panel	100%		LIFE	* *	5	\$200	В	

Electrical	Current Repair	Future Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting					
Interior Lighting					
Fluorescent	100%	2033 **	10	\$100	В
	Other Observation, Extent: Moderate,	Area Affected : 100%			
	Location: Throughout				
	Explanation: T-8 Lamps				

Mechanical		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
Heating							
Energy Source							
Electricity	100%		2049	* *	1		В
Conversion Equipment							
Radiant Heater	100%		2031	* *	2		В
Air Conditioning							
Energy Source							
Electricity	100%		2045	* *	1		В
Conversion Equipment							
Window/Wall Unit	100%		2022	\$200	1		В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SOUTH BROOKLYN MARINE TERMINAL OFFICE BUILDING WITH TOWER

Address : MIDDLE OF SITE OPPOSITE 34TH ST.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0013.040 / 2504 Yr Built/Renovated : 1955 /

Area Sq Ft : 26,352 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 31-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 662 Lot : 1 BIN : 3378175

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,848,500	\$36,300
Interior Architecture	\$780,500	
Electrical	\$100,800	
Mechanical	\$135,200	\$68,000
Total	\$2,865,000	\$104,300
Priority A	\$1,848,500	\$36,300
Priority B	\$544,300	\$68,000
Priority C	\$472,200	
Total	\$2,865,000	\$104,300

Total	\$171,300	\$1,700	\$22,200	\$70,300
Priority C	\$90,300			\$68,000
Priority B	\$51,700	\$1,700	\$22,200	\$2,300
Priority A	\$29,300			
Total	\$171,300	\$1,700	\$22,200	\$70,300
Mechanical	\$42,600	\$1,700	\$22,200	\$2,300
Electrical	\$9,100			
Interior Architecture	\$90,300			\$68,000
Exterior Architecture	\$29,300			
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior								
Exterior Walls Cast in Place Concrete	_		\$129,200 Extent : Moderate out	LIFE , Area Ą	* * ffected : 10%	5	\$30,200	A
	Location Spalling,	ı : West Fac	derate, Area Affect		-			
Concrete Masonry Unit	_		\$117,900 Extent : Severe, A out	LIFE rea Affec	* * cted : 60%	5	\$3,800	A
Masonry: Brick	Location	issing Elem ı : West Fac				5	\$36,300	A
	Location Spalling,	ı : Through Extent : Mo	d, Extent : Moderat out derate, Area Affect cade, West Facade					
Metal Panel	10% Broken/M	0-2	\$16,500 nents, Extent : Seve	2033 re, Area	* * Affected : 60%	5	\$11,300	A
Metal Coiling Doors	Location	/Rusting, E 1 : West Fac				5	\$9,400	A
		/Dented, Ex n : West Fac	xtent : Moderate, A cade	rea Affe	cted : 25%			
Windows	20%	0-2	\$44,600	2048	* *	5	\$600	۸
Aluminum	Broken/M		nents, Extent : Seve			3	\$000	A
Steel	_		\$222,500 tts, Extent : Moderc out	2048 ate, Area	* * Affected : 50%	5	\$28,100	A
	Location	ı : Through						
		Inefficient 1: Through	, Extent : Severe, A out	rea Affe	cted : 100%			

Architecture	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior					
Parapets Cast Stone/Terra Cotta	5% Now \$76,200 Cracking/Crumbling, Extent: Severe, A Location: Coping Jnt Mortar Miss/Erod, Extent: Modera		5	\$4,900	A
Masonry: Brick	Location: Coping 85% Now \$176,700 Broken/Missing Elements, Extent: Seve Location: West Parapet Int Mortar Miss/Erod, Extent: Modera Location: Throughout Misaligned/Bulging, Extent: Moderate,	te, Area Affected : 50%	5	\$10,800	A
Metal Rail	Location: East Facade 10% 0-2 \$12,800 Corrosion/Rusting, Extent: Moderate, Location: Throughout	2028 ** Area Affected : 40%	5	\$9,000	A
Roof	Zocanon: Involgnour				
Modified Bitumen	100% Now \$400,600 Blisters, Extent: Moderate, Area Affect Location: Over Second Floor Vegetation Growth, Extent: Moderate, Location: Over Second Floor Water Penetration, Extent: Moderate, Location: Over Tower	Area Affected : 25%			A
Interior					
Floors Carpet	15% 0-2 \$19,600 Punct/Tear/Impact Damage, Extent : Se Location : Throughout	2019 \$65,300 evere, Area Affected : 30%	3	\$8,100	C
Cast in Place Concrete	30% Now \$106,400 Broken/Missing Elements, Extent: Mod Location: Boiler Room Cracking/Crumbling, Extent: Moderate Location: Boiler Room	-	5	\$23,600	С
Ceramic Tile	5% 0-2 \$33,000 Cracking/Crumbling, Extent: Severe, A Location: Throughout	2038 ** area Affected : 100%	5	\$900	С
Terrazzo	50% Now \$237,700 Cracking/Crumbling, Extent: Moderate Location: Second Floor And Stairs	LIFE * * e, Area Affected : 100%	5	\$14,000	С

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

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

Asset #: 2504

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								
Interior Walls								
Ceramic Tile	5%	2-4	\$15,900	2038	* *	5	\$300	C
			Extent: Severe, A	rea Affec	eted : 100%			
	Location	ı : Through	out					
Concrete Masonry Unit	50%	0-2	\$128,100	LIFE	* *	5	\$2,400	С
ř	Cracking/	Crumbling,	Extent : Severe, A	rea Affec	cted : 100%			
		ı : Through		55				
Gypsum Board	15%	2-4	\$7,200	LIFE	* *	5	\$1,100	C
Gypsum Bourd			Extent : Severe, A		rted · 100%	3	φ1,100	C
		ı : Through		rearijjee				
DI 1/II II I				LIEE	* *			
Plywood/Hardboard	30%		\$14,600	LIFE				C
			nents, Extent : Seve	re, Area	Affected: 100%			
	Locatioi	ı : Through	out					
Ceilings			***	-0.4-		_	* . = 0	_
AcousTileConcealSpLn			\$55,100	2043	* *	5	\$4,500	В
	Cracking/Crumbling, Extent : Severe, Area Affected : 100%							
	Location	ı : Through	out					
AcousTileSusp.Lay-In	60%	Now	\$165,400	2043	* *	5	\$10,800	В
	Broken/M	issing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 20%			
	Location	ı: Tower, T	Throughout					
	Staining/I	Discoloring.	Extent : Moderate	, Area A	ffected : 50%			
	Staining/Discoloring, Extent : Moderate, Area Affected : 50% Location : Tower, Throughout							
			xtent : Moderate, A	rea Affe	cted : 20%			
		ı : Tower	,					
Exposed Congrets	20%		\$87,700	LIFE	* *	5	\$1,100	В
Exposed Concrete			\$87,700 Extent : Severe, A			3	\$1,100	D
				геи Ајјес	лен . 100%			
	ьосано	ı : Through	ош					

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts								
Service Equipment								
Not Accessible	100%							D
Transformers								
Not Accessible	100%							D
Feeders								
Not Accessible	100%							D
Raceway								
Not Accessible	100%							D
Under 600 Volts								
Service Equipment								
Not Accessible	100%							D
Transformers								
Not Accessible	100%							D

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

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

Asset #: 2504

Electrical		Current F	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Switchgear / Switchboard								
Not Accessible	100%							D
Raceway								
Not Accessible	100%							D
Panelboards								
Not Accessible	100%							D
Wiring								
Not Accessible	100%							D
Motor Controllers								
Not Accessible	100%							D
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	100%	Now	\$100,800	2033	* *			В
			t : Moderate, Area	Affected	! : 100%			
	Location	i : Through	out					
Exterior Lighting								
HID	100%	Now	\$9,100	2033	* *			В
	Not in Ser	vice, Exten	t : Severe, Area Aff	ected : 1	100%			
	Location	i : Through	out					

lechanical		Current Re	epair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
eating								
Energy Source								
Electricity	10%			2049	* *	1		В
	Other Obs	ervation, Ex	tent : Moderate, A	Area Affe	cted : 60%			
	Location	: First Floo	r, Tower And Red	ır Sectioi	η			
	Explana	tion : Buildir	ng Is Abandoned					
Natural Gas	90%			2033	* *	1		В
Conversion Equipment								
Furnace	20%	Now	\$5,600	2033	* *	1	\$2,100	В
	Not in Ser	vice, Extent .	: Moderate, Area	Affected	: 100%			
	Location	: Roof						
Hot Water Boiler	60%	Now	\$30,700	2043	* *	1	\$6,400	В
	Not in Ser	vice. Extent .	: Severe, Area Aff	ected : 6	0%		, , , , ,	
		: Boiler Ro						
No Component	20%							D
Distribution								
Hot Wtr Piping/Pump	100%			2039	* *	4	\$1,200	В
1 8 1	Not in Service, Extent : Moderate, Area Affected : 40%							
		: Various L		55				

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

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

Mechanical	Current Repair		Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating	•			•				
Terminal Devices								
Convector/Radiator	60%			2036	* *	1	\$4,700	В
Fan Coil Unit/Heat	40%			2028	* *	1	\$3,100	В
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		В
Conversion Equipment								
Ext Pkg Unit -	90%	Now	\$135,200	2033	* *	2	\$1,100	В
Heating/Cooling								
	Not in Ser Location		t : Severe, Area Aff	ected : 1	00%			
Window/Wall Unit	10%			2021	\$4,700	1		В
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$13,400	В
Exhaust Fans								
Roof	100%			2018	\$18,100	2	\$700	В
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2021	\$68,000	1		В
Water Heater								
Gas Fired	100%			2016	\$5,300	2	\$400	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Fixtures								
Generic	100%							В
Fire Suppression								
Standpipe								
Not Accessible	100%							D
Sprinkler								
Not Accessible	100%							D
Fire Pump								
Not Accessible	100%							D

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SOUTH BROOKLYN MARINE TERMINAL PIER BLDG.

Address : 39TH ST PIERSHED - BLDG #01

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 349,550 Project Type : ECONOMIC DEVELOPMENT

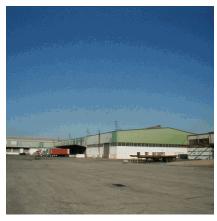
Date of Survey : 31-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 662 Lot : 1 BIN : 3378173

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$3,819,000	\$1,818,900
Interior Architecture	\$453,400	\$260,600
Electrical	\$641,500	\$185,300
Mechanical	\$163,200	\$361,200
Total	\$5,077,100	\$2,626,000
Priority A	\$3,819,000	\$1,818,900
Priority B	\$1,170,500	\$546,500
Priority C	\$87,600	\$260,600
Total	\$5,077,100	\$2,626,000

Total	\$149,200	\$40,700	\$44,600	\$43,500
Priority C	\$60,300			
Priority B	\$65,100	\$40,700	\$44,600	\$43,500
Priority A	\$23,800			
Total	\$149,200	\$40,700	\$44,600	\$43,500
Mechanical	\$37,500	\$37,500	\$35,400	\$43,500
Electrical	\$27,500	\$3,200	\$9,200	
Interior Architecture	\$60,300			
Exterior Architecture	\$23,800			
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls Concrete Masonry Unit	25%	Now	\$391,100	LIFE	* *	5	\$125,200	A
Concrete Masonry Chit			351,100 Extent : Moderate, A			3	\$125,200	Λ
			nd South Facades	33				
	Jnt Morta	r Miss/Ero	d, Extent : Moderat	e, Area A	Affected : 50%			
			acade, South Facad					
	_		, Extent : Moderate acade, South Facac	•	ffected : 25%			
Fiberglass Panel	40%			2036	* *	5	\$1,202,200	A
C	Recent Re	pair Evider	nt, Extent : Light, A	rea Affe	cted : 66%		, , ,	
	Location	ı : Through	out					
Metal, Corrugated	15%			2049	* *	1		A
		-	nt, Extent : Light, A	rea Affe	cted : 66%			
		ı : Through					*** * * * * * * * * * * * * * * * * *	
Metal/Glass Curt Wall			\$602,800 nents, Extent : Seve cade	LIFE re, Area	* * Affected : 25%	5	\$75,100	A
		roken/Crac ı : East Fac	eked, Extent : Sever cade	e, Area A	Affected : 25%			
Metal Coiling Doors		/Rusting, E	\$646,600 Extent : Severe, Areacade, South Facad		* * d : 50%	5	\$187,800	A
	Deformed	//Dented, E	xtent : Severe, Area acade, South Facac	ı Affected	d : 50%			
Windows								
Aluminum			\$621,400 Extent : Moderate, out	2039 Area Afj	* * fected : 50%	5	\$26,100	A
		_	ked, Extent : Mode	rate, Are	ea Affected : 25%			
		ı : Through						
		Inefficient 1: Through	, Extent : Moderate out	e, Area A	ffected : 50%			
Steel		issing Elen	\$442,700 nents, Extent : Seve	2039 re, Area	* * Affected : 50%	5	\$139,700	A
		ı : North Fo		. 4 4	ff4-1.500/			
	-	nefficient: : Through	, Extent : Moderate out	e, Area A	Д есtеd : 50%			

Asset #: 2416

Architecture	Current	Repair	Futur	e Replacement	Maintenance		
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior							
Parapets		*			_		
Concrete Masonry Unit	3% Now Diagonal Cracks, E. Location: Through Jnt Mortar Miss/Erc Location: Through	hout od, Extent : Moderai			5	\$5,700	A
Pre-Cast Concrete	2% Now Broken/Missing Elen Location: East Fa Jnt Mortar Miss/Ero Location: East Fa	cade od, Extent : Moderat			5	\$21,100	A
No Component	95%						D
Roof							
Fiberglass Panel	10% Recent Replace Evid Location : Through		2038 Area Affe	* * ected : 100%	1		A
Metal Panel	10% Recent Repair Evide Location : Through		2040 rea Affec	* * ted : 100%	10	\$176,500	A
Spray-on Foam	80% Recent Replace Evid Location : Through		2033 Area Affe	* * ected : 100%	5	\$1,026,800	A
terior							
Floors Asphalt Poured	85% 0-2 Cracking/Crumbling Location: Through		2028 ea Affecte	* * ed : 10%	5	\$101,400	C
Cast in Place Concrete	10% Recent Replace Evid Location : Through	_	LIFE Area Affe	* * ected : 100%	5	\$104,400	С
Ceramic Tile	2% Now Cracking/Crumbling Location: Through		2026 rea Affec	* * ted : 40%	5	\$4,800	С
Terrazzo	3%		LIFE	* *	5	\$11,200	С
Interior Walls							
Concrete Masonry Unit	80% Water Penetration, I Location : Through		LIFE Area Affe	* * cted : 25%	5	\$51,600	С
Concrete Masonry Unit	5% Now Diagonal Cracks, E. Location: At East		LIFE ea Affect	* * ed : 20%	5	\$3,200	С
Plaster	10%		LIFE	* *	5	\$4,800	С

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL PIER BLDG.

Asset #: 2416

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Interior										
Ceilings										
AcousTileConcealSpLn	10%	Now	\$365,800	2043	* *	5	\$29,800	В		
		roken/Missing Elements, Extent : Severe, Area Affected : 50% Location : Office Area								
	Cracking/	Crumbling,	Extent: Severe, A	rea Affec	eted : 50%					
	Location	i : Office A	rea							
		netration, E 1 : Office A	xtent : Severe, Are rea	a Affecte	d : 20%					
Exposed Struc: Steel	90%			LIFE	* *			В		

Electrical		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2053	* *	5	\$9,200	В
	Other Obse	ervation, Exte	nt : Moderate, A	Area Affe	cted : 100%			
	Location	: Electrical R	oom					
	Explanati	ion : 800 Amp	os.					
Transformers								
Under Construction	100%							D
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	\$121,100	5	\$9,200	В
Raceway								
Conduit	100%			2023	\$31,800	1		В
Panelboards								
Molded Case Bkrs	70%			2022	\$64,200	5	\$6,400	В
Molded Case Bkrs	30%	2-4	\$27,500	2048	* *	5	\$1,400	В
		ed Life, Extent : Throughout	t : Moderate, Ai	rea Affec	ted : 100%			
Lighting								
Interior Lighting								
Fluorescent	100%	Now	\$641,500	2033	* *			В
		ice, Extent : N : Inside The B	Moderate, Area Building	Affected	: 100%			
Exterior Lighting								
HID	100%			2033	* *	10	\$1,100	В
		allation, Exte : Throughout	nt : Light, Area	Affected	: 100%			

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

Heating

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL PIER BLDG.

Asset #: 2416

Mechanical	Current l	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating								
Energy Source Electricity	5%		2043	* *	1		В	
No Component	95%		2043		1		Б D	
Conversion Equipment	7370							
Hot Water Boiler	5%		2021	\$34,000	1	\$7,900	В	
	Obsolete Equipment,	Extent : Light, Are						
	Location : Office Se							
	Other Observation, E	_	Affected	: 100%				
	Location : Office So	-	D	. ID #				
D. 11 III	Explanation: Build	ling Expected To B		-		Ф.4. 400		
Radiant Heater	3% Other Observation I	Extent : Light Anga	2023	\$39,900	2	\$4,400	В	
	Other Observation, E Location : Water M	_						
	Explanation : Elect							
No Component	92%	ric Omi Heaters					D	
Terminal Devices	7270							
Convector/Radiator	100%		2021	\$228,300	1	\$102,900	В	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: Through	out Office Section	Of Buildi	ng				
	Explanation : Equi	oment To Be Upgra	ided By F	Propective Tenant				
Air Conditioning								
Energy Source Electricity	100%		2022	\$51,300	1		В	
Conversion Equipment	10070		2022	\$31,300	1		ъ	
Reciprocating Compr/Chiller	5%		2018	\$51,300	1	\$7,400	В	
compil cimier	Obsolete Equipment,	Extent : Moderate,						
	Location : Office S							
	Other Observation, I							
	Location : Office Se							
	Explanation: Equi	oment To Be Upgra	ided By F	Propective Tenant				
Window/Wall Unit	1%		2023	\$6,200	1		В	
	Recent Installation, I		Affected	: 100%				
	Location : Electrica	al Vault						
No Component	94%						D	
Terminal Devices Air Handler/Cool/Ht	5%		2018	\$3,800	1	\$9,900	В	
All Handler/Cool/11t	Obsolete Equipment,	Extent · Moderate			1	\$9,900	Ъ	
	Location : Office Se		11.00.1199	100,0				
	Other Observation, I		Area Affe	cted : 100%				
	Location : Office Se	ection Of Building						
	Explanation: Equi	oment To Be Upgra	ided By F	Propective Tenant				
No Component	95%						D	
Plumbing								
H/C Water Piping				_			_	
Galv Iron/Steel	5%		2028	* *	1		В	
No Component Note: All component repairs \$ est	95%						D	

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL PIER BLDG.

Mechanical	Current Repair	Future	Replacement	M	Maintenance	
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Water Heater						
Gas Fired	100%	2016	\$70,300	2	\$4,600	В
	Other Observation, Extent:	Moderate, Area Affec	ted : 100%			
	Location : Office Section (Of Building				
	Explanation : Equipment T	To Be Upgraded By P	ropective Tenant			
Sanitary Piping						
Cast Iron	5%	LIFE	* *	1		В
No Component	95%					D
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Fire Suppression						
Standpipe						
Generic	100%	2043	* *	1-5	\$166,700	В
Sprinkler						
Generic	100%	2043	* *	1-2	\$89,300	В
Fire Pump						
Generic	100%	2032	* *	1	\$59,500	В
	Other Observation, Extent:	Light, Area Affected .	: 100%			
	Location : Water Meter Ro	ooms				
	Explanation : Building Ha	s Been Divided Into T	wo Sections			

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SOUTH BROOKLYN MARINE TERMINAL SHED - BLDG N

Address : NEAR 39TH ST. PIERSHED

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 113,246 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 31-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 662 Lot : 1 BIN : 3378174

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,926,300	\$257,300
Interior Architecture	\$546,800	\$338,700
Total	\$2,473,200	\$596,000
Priority A	\$1,926,300	\$257,300
Priority B	\$396,200	
Priority C	\$150,700	\$338,700
Total	\$2,473,200	\$596,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$46,400			
Interior Architecture				
Electrical				
Mechanical	\$3,400	\$6,000	\$3,900	\$6,000
Total	\$49,800	\$6,000	\$3,900	\$6,000
Priority A	\$46,400			
Priority B	\$3,400	\$6,000	\$3,900	\$6,000
Priority C				
Total	\$49,800	\$6,000	\$3,900	\$6,000



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 #: 2503

Architecture	Current I	Repair	Future Replacement		Ma		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year l FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls Concrete Masonry Unit	40% Now Jnt Mortar Miss/Eron Location: North Fo Vertical Cracks, Exte Location: South Fo	ncade, South Facac ent : Moderate, Are ncade	de a Affected	: 20%	5	\$19,500	A
	Water Penetration, E Location: North Fo			: 25%			
Fiberglass Panel	10% Recent Replace Evide Location: Through	ent, Extent : Light,	2036	* * ted : 100%	5	\$29,200	A
Metal Panel	20% Now Corrosion/Rusting, E Location: Through Deformed/Dented, E.	out			5	\$29,200	A
	Location: Through		і Аујесіей .	2370			
Metal Coiling Doors	30% Now Broken/Missing Elen Location: North Fo			* * ffected : 50%	5	\$36,500	A
	Corrosion/Rusting, E Location: South Fo			: 50%			
Windows	Location . South Fo	ісаае, понн ғасас	ie				
Steel	100% Now Bent/Warped Elemen Location: Through Corrosion/Rusting, E Location: Through Glazing Broken/Crac Location: Through Thermally Inefficient Location: Through	out Extent : Severe, Are out Eked, Extent : Sever out , Extent : Severe, A	a Affected e, Area Aff	: 50% fected : 50%	5	\$117,900	A
Roof							
Metal Panel Not Accessible	20% 80%		2043	* *	10	\$102,900	A D
nterior							
Floors Cast in Place Concrete	100% 0-2 Cracking/Crumbling Location: Through	_	LIFE ea Affected	* *!	5	\$338,700	C
Interior Walls Concrete Masonry Unit	75% 0-2 Cracking/Crumbling	_	LIFE ea Affected	* *!: 10%	5	\$28,300	С
Massaur D.C.1	Location: Through	out	TIPP	* *			
Masonry: Brick	25%		LIFE	* *			С

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL SHED - BLDG N

Architecture		Current R	Repair	Futur	e Replacement	M	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Interior									
Ceilings									
Exposed Struc: Steel	25%			LIFE	* *			В	
Exposed Struc: Wood	75%	0-2	\$396,200	LIFE	* *			В	
	Dry Rot/D	ecay, Exter	it : Moderate, Ared	ı Affected	1: 25%				
	Location	: Through	out						
	Split/Cracked, Extent: Moderate, Area Affected: 50%								
	Location	: Through	out						

Electrical	Current Repair	Future Replac	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting Exterior Lighting						
HID	100%	2033	* *	10	\$300	В
	Recent Installation, Extent : Light, Ar Location : Exterior	rea Affected : 100%				

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Electricity	2%			2043	* *	1		В
No Component	98%							D
Conversion Equipment								
Radiant Heater	2%			2023	\$8,600	2	\$1,000	В
No Component	98%							D
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2028	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Fire Suppression								
Sprinkler								
Generic	100%			2033	* *	1-2	\$29,000	В
Fire Pump								
Generic	100%	0-2	\$1,500	2026	* *	1	\$17,400	В
	Damaged,	Extent: M	oderate, Area Affe	cted : 10	0%			
	Location	: Sprinkle	r Room, Damaged	Drive Co	oupling			
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	: Sprinkle	r Room					
		-	ne Driven Fire Pun	ıp				

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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SOUTH BROOKLYN MARINE TERMINAL TRANSFORMER BLDG. 'S'

Address : SECOND AVENUE & 36TH STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0013,S00 / 2557 Yr Built/Renovated :

Area Sq Ft : 350 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 31-Jul-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 662 Lot : 1 BIN : 3345836

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$18,800			
Interior Architecture				
Mechanical				
Total	\$18,800			
Priority A	\$18,800			
Priority B				
Priority C				
Total	\$18,800			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL TRANSFORMER BLDG. 'S'

Asset #: 2557

Architecture		Current F	Repair	Futur	e Replaceme	ent	Ma	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated (Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior	•			•					
Exterior Walls									
Concrete Masonry Unit	90%	Now	\$16,300	LIFE		* *	5	\$900	A
	_		tent : Severe, Area	Affected	: 10%				
	Location	ı : North Ed	ast Corner						
			ent : Severe, Area A	ffected :	25%				
	Location	ı : Southeas	st Corner						
			Extent : Severe, Are	a Affecte	ed: 25%				
		ı : Southea:							
	Explana	tion : Buila	ling Scheduled To I	Be Demo	lished - East 1	And S	South Wal	lls Are Separating	
Metal Coiling Doors	10%	Now	\$2,500	2036		* *	5	\$200	A
			Extent : Moderate, A	Area Affe	cted : 25%				
	Location	ı : West Fa	cade						
			xtent : Moderate, A	rea Affe	cted : 25%				
	Location	ı : West Fa	cade						
Windows									
Metal Louvers	100%			2026		* *	10		A
Roof									
Not Accessible	100%								D
Interior									
Floors	1000/			, in		* *	-	Ф1 100	-
Cast in Place Concrete	100%			LIFE		* *	5	\$1,100	С
Interior Walls	1.000/			T TOO		sle sle	-	#100	-
Concrete Masonry Unit	100%			LIFE		* *	5	\$100	С
Ceilings	C.F.0.1			TIPE		* *	~	#100	D
Exposed Concrete	65%			LIFE		**	5	\$100	В
Exposed Struc: Steel	35%			LIFE		* *			В

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts								
Service Equipment								
Not Accessible	100%							D
Transformers								
Not Accessible	100%							D
Switchgear / Switchboard								
Not Accessible	100%							D
Feeders								
Not Accessible	100%							D
Raceway								
Not Accessible	100%							D
Under 600 Volts								
Service Equipment								
Not Accessible	100%							D
Transformers								
Not Accessible	100%							D

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL TRANSFORMER BLDG. 'S'

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Switchgear / Switchboard								
Not Accessible	100%							D
Raceway								
Not Accessible	100%							D
Panelboards								
Not Accessible	100%							D
Wiring								
Not Accessible	100%							D
Motor Controllers								
Not Accessible	100%							D
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Not Accessible	100%							D
Egress Lighting								
Not Accessible	100%							D
Lightning Protection								
Arresters/Cabling								
Not Accessible	100%							D
Alarm								
Security System								
Not Accessible	100%							D
Fire/Smoke Detection								
Not Accessible	100%							D

Mechanical	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation							
Distribution							
Not Accessible	100%						D
Exhaust Fans							
Wall Unit	100%		2023	\$500	2		В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : 23RD ST. MARINA PKG. GARAGE BUILDING FOUNDATION

Address : 23RD ST. MARINA

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSPR30.001 / 2666 Yr Built/Renovated : 1960 /

Area Sq Ft : 42,000 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 08-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 991 Lot : 50 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$41,800	\$114,500
Total	\$41,800	\$114,500
Priority A	\$41,800	\$114,500
Total	\$41,800	\$114,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$13,200			\$8,600
Total	\$13,200			\$8,600
Priority A	\$13,200			\$8,600
Total	\$13,200			\$8,600



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 23RD ST. MARINA PKG. GARAGE BUILDING FOUNDATION

iers	Current Repair	Future Replacem	ent N	laintenance	
vstem Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimated FY	Cost Cycle (Yrs)	Estimated Cost	Priority Code
ructural					
Deck					
Concrete	50%	LIFE	** 5	\$39,100	Α
	Cracking, Extent : Light, Area Affec	cted : 2%			
	Location : Offshore End				
Not Accessible	50%				D
Pile Caps					
Concrete	93%	LIFE	** 5	\$2,600	A
	Spalling, Extent : Moderate, Area A	ffected : 10%			
	Location: On Cluster Caps Throi	ighout			
Concrete	2% 4+ \$13,2	00 LIFE	** 5	\$100	A
	Cracking, Extent: Moderate, Area	Affected : 10%			
	Location: Throughout				
	Discolor & Bleeding, Extent: Mode	erate, Area Affected : 10%	ó		
	Location: Throughout				
	Spalling, Extent : Moderate, Area A	ffected : 10%			
	Location: Throughout				
Steel	5%	2024 \$35	5,500 5	\$17,300	A
	Corrosion, Extent : Light, Area Affe	·	,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Location : Throughout				
Piles and Bracing					
Concrete	28%	LIFE	** 5	\$37,200	A
Concrete	2% 4+ \$41,8		** 5	\$2,700	A
	Cracking, Extent : Light, Area Affect			. , ,	
	Location : North Side Of Pier				
	Spalling, Extent : Moderate, Area A	ffected : 5%			
	Location : North Side Of Pier	••			
Not Accessible	70%				D

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : 65TH STREET RAIL YARD TRANSFER BRIDGE PIERS

Address : FOOT OF 66 ST NEXT TO BAT

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR038.020 / 13492 Yr Built/Renovated :

Area Sq Ft : 11,288 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 5804 Lot : 2 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$113,900	\$63,400
Total	\$113,900	\$63,400
Priority B	\$113,900	\$63,400
Total	\$113,900	\$63,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$1,800	\$25,700		\$700
Total	\$1,800	\$25,700		\$700
Priority A				
Priority B	\$1,800	\$25,700		\$700
Total	\$1,800	\$25,700		\$700



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 65TH STREET RAIL YARD TRANSFER BRIDGE PIERS

Asset #: 13492

Piers	Current Repair	Future Replac	cement	M		
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Estima FY	ited Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Deck	200/	LIDE	* *	_	¢c 200	
Concrete Not Accessible	30% 70%	LIFE	-11-	5	\$6,300	A D
Piles and Bracing	7070					
Not Accessible	100%					D
	Other Observation, Extent : Lig	ght, Area Affected : 0%				
	Location:	, , , , , , , , , , , , , , , , , , , ,				
	Explanation : Piles Are Wrap	ped				
Fender						
Facing						
Timber	55%	2032	* *	3	\$19,600	В
	Rotting/Splitting, Extent: Mod		ó			
	Location : At Tops Of Timber					
	Surface Wearing/Scaling, Exter	nt : Light, Area Affected :	25%			
	Location: Throughout					
Timber		50,500 2038	* *	3	\$1,800	В
	Broken, Extent : Severe, Area A	00				
	Location : Isolated Througho					
	Loose Connections, Extent: Se Location: Isolated Througho					
Not Accessible	40%					D
Wales and Chocks						
Steel	99%	2032	* *	3-5	\$40,300	В
	Corrosion, Extent : Light, Area	Affected : 20%				
	Location : Splash Zone					
	Missing Coating, Extent: Mod	erate, Area Affected : 20%	ó			
	Location : Splash Zone					
Steel		\$1,800 2036	* *	3-5	\$300	В
	Other Observation, Extent : Se		6			
	Location: West End Of North	n Finger Pier				
	Explanation : Sheared Bolts					
Piles	2.504	2622		2 -	4.22 22 -	-
Steel	35%	2032	* *	3-5	\$133,900	В
	Corrosion, Extent : Light, Area	Affected: 20%				
N	Location : Splash Zone					
Not Accessible	65%					D
Deck Elements						
Railing Steel	100%	2021				D
Sieei	100%	2021				В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : EAST RIVER ESPLANADE

Address : FROM NORTH SIDE PIER 11 TO FLETCHER STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR002.020 / 2580 Yr Built/Renovated :

Area Sq Ft : 44,650 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 04-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : 36 Lot : 25 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$37,200	\$140,900
Total	\$37,200	\$140,900
Priority A Priority C	\$37,200	\$105,900 \$35,100
Total	\$37,200	\$140,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers		\$3,200		
Total		\$3,200		
Priority A				
Priority C		\$3,200		
Total		\$3,200		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 EAST RIVER ESPLANADE

Piers	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
tructural						
Deck						
Concrete	10%	LIFE	* *	5	\$8,300	Α
Steel	20%	2027	* *	5	\$74,400	Α
	Corrosion, Extent : Light, Area Affe	cted : 5%				
	Location : On Hardware					
Not Accessible	70%					D
Deck Surface						
Asphalt Pavers	70%	2036	* *			C
Topsoil	10%	2022	\$35,100	5	\$6,300	C
No Component	20%					D
Pile Caps						
Concrete	30%	LIFE	* *	5	\$900	A
Timber	35%	LIFE	* *	4	\$122,800	A
	Rotting/Splitting, Extent: Light, Area Affected: 10%					
	Location : Tidal Zone					
Not Accessible	35%					D
Piles and Bracing						
Concrete	10%	LIFE	* *	5	\$14,100	A
Steel	10%	LIFE	* *	5	\$68,600	A
	Corrosion, Extent : Light, Area Affe Location : Above Water	ected : 5%				
Timber	20%	LIFE	* *	4-5	\$40,000	A
	Other Observation, Extent : Modera	ate, Area Affect	ted : 10%		,	
	Location : Above Water					
	Explanation: Section Loss					
Not Accessible	60%					D
eck Elements						
Railing						
Steel	100%	2021				В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : EAST RIVER ESPLANADE

Address : BATTERY MARITINE BLDG NORTH TO NORTH SIDE OF OLD SLIP

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DSBS000.000 \, / \, 14655 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Area Sq Ft : 9,584 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 20-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers		\$44,200
Total		\$44,200
Priority A		\$44,200
Total		\$44,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$5,000			
Total	\$5,000			
Priority A				
Priority C	\$5,000			
Total	\$5,000			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 EAST RIVER ESPLANADE

Piers		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Deck							
Concrete	40%		LIFE	* *	5	\$7,100	A
No Component	5%						D
Not Accessible	55%						D
Deck Surface							
Asphalt	95%		2036	* *	5	\$10,000	C
No Component	5%						D
Pile Caps							
Concrete	95%		LIFE	* *	5	\$600	A
No Component	5%						D
Piles and Bracing							
Steel	30%		LIFE	* *	5	\$44,200	A
No Component	5%						D
Not Accessible	65%						D
Deck Elements							
Railing							
Under Construction	100%						D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : EAST RIVER ESPLANADE IN FRONT OF ASSET 4083

Address : EAST RIVER, E15TH TO E23RD STS CON-ED PLANT TO SKYPORT GARAGE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DSBS001.000 / 14656 Yr Built/Renovated :

Area Sq Ft : 14,960 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 20-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$367,000	\$177,400
Total	\$367,000	\$177,400
Priority A	\$281,700	\$92,000
Priority C	\$85,400	\$85,400
Total	\$367,000	\$177,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$51,800			
Total	\$51,800			
Priority A				
Priority B	\$51,800			
Total	\$51,800			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 EAST RIVER ESPLANADE IN FRONT OF ASSET 4083

Piers	C	urrent Repair	Future Replacement Mai		intenance		
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural	•		•				
Deck							
Concrete	35%		LIFE	* *	5	\$9,800	A
	Cracking, Ext	tent : Light, Area Affectea	! : 5%				
	Location : T	Throughout					
Not Accessible	65%						D
Deck Surface							
Brick Pavers	100%		2032	* *	5	\$170,700	C
Pile Caps							
Concrete	100%		LIFE	* *	5	\$1,000	A
	Cracking, Ext Location : T	tent : Light, Area Affectea Throughout	! : 5%				
Piles and Bracing							
Steel	40%	4+ \$281,700	LIFE	* *	5	\$92,000	A
	Corrosion, Ex	xtent : Moderate, Area Af	fected : 30	%			
	Location : A	Above Mlw					
Not Accessible	60%						D
Fender							
Wales and Chocks							
Timber	100%		2032	* *	4	\$121,800	В
Piles							
Timber	60%		2032	* *	4	\$33,800	В
Not Accessible	40%						D
Deck Elements							
Railing							
Steel	100%		2021				В

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : FULTON LANDING PIER CONCR. PILE SUPPORTED WOOD PIER

Address : 1 OLD FULTON STREET

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 13,013 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 29-Dec-2011 Landmark Status : HISTORICAL LANDMARK DISTRICT

Areas Surveyed :

Block : 25 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$17,600	\$23,700		
Total	\$17,600	\$23,700		
Priority A				
Priority B	\$17,600			
Priority C		\$23,700		
Total	\$17,600	\$23,700		



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

DEPT. OF SMALL BUSINESS SERV. - 801 FULTON LANDING PIER CONCR. PILE SUPPORTED WOOD PIER

Asset #: 4337

Piers	Current Re	Current Repair F		Maintenance		
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost Yea	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Deck	400/	1 11	F **	-	¢0.700	
Concrete	40% Cracking, Extent : Ligi Location : Througho	LIF ht, Area Affected : 10% ut Pier Soffit	E **	5	\$9,700	A
Not Accessible	60%					D
Deck Surface						
Concrete	1% Cracking, Extent : Ligi Location : Isolated	203 ht, Area Affected : 2%	2 **	5	\$100	С
Stone Pavers	3%	203	2 **			С
Timber	Location : Isolated T	-	Affected: 2%	5	\$47,200	С
	Other Observation, Ex Location : Isolated T Explanation : Loose		red : 2%			
No Component	6%					D
Pile Caps Concrete	60% Spalling, Extent : Ligh Location : Isolated	LIF t, Area Affected : 2%	E **	5	\$500	A
Not Accessible	40%					D
Piles and Bracing Concrete	70% Erosion, Extent : Light Location : Isolated In		E **	5	\$28,800	A
Not Accessible	30%					D
Fender						
Piles Timber	10% Rotting/Splitting, Exter Location : Above Mh Worn, Extent : Light, A Location : Tidal Zona	Area Affected : 20%		4	\$1,500	В
Timber		\$17,100 203 e, Area Affected : 100% ut Dolphins At Offshore	, i	4 Of Pier	\$1,000	В
No Component	60%					D
Not Accessible	20%					D
Deck Elements Railing						
Steel	100%	202	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.

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HARBOR CHARLIE CONCRETE WHARF, PIER

Address : FOOT OF 63RD ST.

Borough : BROOKLYN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DBSR032.010 \, / \, 13544 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Area Sq Ft : 15,000 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 17-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : 5778 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$1,000	\$2,800		
Total	\$1,000	\$2,800		
Priority A				
Priority B	\$1,000	\$2,800		
Total	\$1,000	\$2,800		

DEPT. OF SMALL BUSINESS SERV. - 801 HARBOR CHARLIE CONCRETE WHARF, PIER

Piers	Current Re	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Deck							
Concrete	100%		LIFE	* *	5	\$28,000	A
	Cracking, Extent: Ligh		5%				
	Location : Throughou	ıt					
Pile Caps							
Concrete	100%		LIFE	* *	5	\$1,000	A
	Cracking, Extent: Ligh		5%				
	Location : Throughou	ıt					
Piles and Bracing							
Concrete	70%		LIFE	* *	5	\$33,200	Α
Not Accessible	30%						D
Coping/Curb							
Concrete	100%		LIFE	* *			C
	Cracking, Extent : Ligh		5%				
	Location : Throughou	ıt					
Fender							
Wales and Chocks							
Timber	20%		2033	* *	4	\$5,000	В
No Component	80%						D
Piles							
Timber	30%		2033	* *	4	\$3,500	В
Timber	5% Now	\$1,000	2037	* *	4	\$400	В
	Loose Connections, Ex	tent : Severe, Are	a Affecte	ed : 100%			
	Location: One Fende	er Pile Disconnec	ted Fron	n Wharf Face			
No Component	30%						D
Not Accessible	35%						D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HIGH LEVEL DECK (WHARF)

Address : FOOT OF E 96TH ST TO NO. SIDE E 94TH ST. SUB 2 A/T, SUB 1 BL

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR099.000 / 13847 Yr Built/Renovated :

Area Sq Ft : 6,295 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 06-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1573 Lot : 52 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$310,700	\$431,000
Total	\$310,700	\$431,000
Priority A	\$310,700	
Priority B		\$431,000
Total	\$310,700	\$431,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$15,500			
Total	\$15,500			
Priority A	\$15,500			
Total	\$15,500			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 HIGH LEVEL DECK (WHARF)

Piers		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural	•			•				•
Deck								
Concrete			\$70,000 derate, Area Affect Surface Entire Lei		**	5	\$2,300	A
Concrete			oderate, Area Affec out With Effloresce		**	5	\$18,800	A
Pile Caps								
Timber	0.		\$75,800 ent : Light, Area Aj d Ends Of Pile Cap			4	\$12,400	A
Timber		Now litting, Exte : Line Cap	\$45,500 ent : Severe, Area 2	LIFE Affected :	**	4	\$7,400	A
Not Accessible	60%							D
Piles and Bracing								
Timber		_	ent : Light, Area Aj Throughout At Abd	-		4-5 n Piles A	\$13,100 nd In Tidal Zone	A
Timber	25%	2-4	\$119,300	LIFE	* *	4-5	\$7,100	A
	Broken, Ex Location Rotting/Spi	: Braces T litting, Exte	re, Area Affected : hroughout ent : Moderate, Ar At Abandoned Har	50% ea Affecte			¥1,122	
Not Accessible	50%							D
Deck Elements Deck Surface								
Asphalt Pavers	100%			2034	* *	5		В
Railing Steel	_	_	ent : Light, Area Aj Throughout	2020 ffected : 3	\$431,000			В

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HIGH LEVEL PLATFORM INSHORE OUT AT PIER 4

Address : FOOT OF 58TH STREET NEAR BROOKLYN ARMY TERMINAL

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DBSR050.000 / 13548 Yr Built/Renovated : 1994 /

Area Sq Ft : 13,125 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 17-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : 5778 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$30,600	\$900		
Total	\$30,600	\$900		
Priority A	\$30,600			
Priority C		\$900		
Total	\$30,600	\$900		



DEPT. OF SMALL BUSINESS SERV. - 801 HIGH LEVEL PLATFORM INSHORE OUT AT PIER 4

Piers	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date F Total (Years)	Estimated Cost Year FY		Cycle (Yrs)	Estimated Cost	Priority Code	
Structural							
Deck							
Concrete	90%	LIFI	E **	5	\$22,000	A	
	Cracking, Extent : Ligh						
	Location : Isolated Th						
	Spalling, Extent : Light						
	Location : Isolated Th	ıroughout					
Not Accessible	10%					D	
Deck Surface							
Concrete	20%	2037	7 **	5	\$1,800	C	
No Component	80%					D	
Pile Caps							
Concrete	99%	LIFI	**	5	\$900	A	
	Spalling, Extent : Light,	, Area Affected : 2%					
	Location: Typical Th	roughout					
Concrete	1% 0-2	\$3,400 LIFE	E **	5		A	
	Spalling, Extent: Severe, Area Affected: 100%						
	Location : At Southwest Corner End Of Sheet Pile Bulkhead						
Piles and Bracing							
Concrete	50% 4+	\$27,200 LIFE	E **	5	\$20,800	A	
	Spalling, Extent : Light,	, Area Affected : 2%					
	Location: Typical Th	Location: Typical Throughout. Isolated Piles More Significant					
Not Accessible	50%					D	
Deck Elements							
Railing							
Steel	100%	2023	3			В	
	Corrosion, Extent : Lig	ht, Area Affected : 10%					
	Location: Throughou	t					
	Missing Coating, Exten	t : Light, Area Affected	: 50%				
	Location: Throughou	t					

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HIGH-LEVEL DECK (WHARF) INFRONT OF ASSET 13854

Address : NO. SIDE OF CON ED FACILITY AT FOOT OF W 201 ST HARLEM RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR061.000 / 13803 Yr Built/Renovated :

Area Sq Ft : 1,790 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 26-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2184 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$262,900	
Total	\$262,900	
Priority A	\$154,700	
Priority B	\$108,300	
Total	\$262,900	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$83,100			
Total	\$83,100			
Priority A	\$38,000			
Priority B	\$45,100			
Total	\$83,100			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 HIGH-LEVEL DECK (WHARF) INFRONT OF ASSET 13854

Asset #: 13803

Piers	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
tructural Deck					
Timber	90% 4+ \$139,200 Aging, Extent : Moderate, Area Affecte Location : Throughout Rotting/Splitting, Extent : Moderate, A		5	\$6,800	A
Timber	Location: Isolated Throughout And A 10% Now \$15,500	LIFE **	5	\$800	A
	Broken, Extent: Moderate, Area Affect Location: At North End Of Dock Other Observation, Extent: Severe, Ar Location: At Center Of Deck Explanation: Fire Damage				
Pile Caps	2. grantation (Title 2 amage				
Timber	80% Rotting/Splitting, Extent : Light, Area A Location : At Ends Of Pile Caps	LIFE ** Affected: 10%	4	\$11,300	A
Timber	15% 2-4 \$5,200 Rotting/Splitting, Extent: Severe, Area Location: At Southern Pile Cap Of W		4	\$2,100	A
Timber	5% Now \$4,300 Rotting/Splitting, Extent: Severe, Area Location: Severe Rot At Offshore En		4	\$700	A
Piles and Bracing					
Timber	45% Rotting/Splitting, Extent : Light, Area A Location : Throughout Tidal Zone Ar		4-5	\$3,600	A
Timber	15% 2-4 \$20,400 Rotting/Splitting, Extent: Severe, Area Location: Partial Bearing And Rot I		4-5	\$1,200	A
Timber	10% Now \$8,100 Other Observation, Extent: Severe, An Location: At Tops Of Timber Piles, T Explanation: Non-bearing		4-5	\$800	A
Not Accessible	30%				D
ender					
Wales and Chocks Timber	100% Now \$34,200 Missing Part, Extent : Severe, Area Afj Location : Throughout	2039 ** fected : 100%	4	\$8,800	В
Piles Timber	100% Now \$108,300 Broken, Extent: Severe, Area Affected Location: Throughout Rotting/Splitting, Extent: Severe, Area Location: Throughout		4	\$4,100	В

Deck Elements

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

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 HIGH-LEVEL DECK (WHARF) INFRONT OF ASSET 13854

Piers	Current Repair	Futur	e Replacement	Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	nted Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Deck Elements					
Coping/Curb					
Timber	40% 4+	\$4,400 LIFE	* *		В
	Rotting/Splitting, Extent: Mo	derate, Area Affect	ed : 50%		
	Location: Throughout				
Timber	60% Now	\$6,500 LIFE	* *		В
	Broken, Extent : Severe, Area	Affected: 100%			
	Location: Missing Sections	At North And Sout	h Ends		

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HIGH-LEVEL DECK (WHARF) W/RIPRAP & TIMBER DOLPHINS. PIER
Address : W 157 TO W 160 ST TWO B&LS NO END IN BL2106.997 SUB 1 OF BL

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSP052.000 / 13821 Yr Built/Renovated :

Area Sq Ft : 27,750 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 05-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2105 Lot : 51 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025	
Piers	\$139,700	\$2,763,400	
Total	\$139,700	\$2,763,400	
Priority A	\$72,700	\$128,000	
Priority B	\$67,000	\$1,023,600	
Priority C		\$1,611,800	
Total	\$139,700	\$2,763,400	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$87,900	\$23,300	\$16,400	\$1,200
Total	\$87,900	\$23,300	\$16,400	\$1,200
Priority A	\$38,100			
Priority B	\$17,200	\$400	\$1,000	\$1,200
Priority C	\$32,700	\$22,900	\$15,300	
Total	\$87,900	\$23,300	\$16,400	\$1,200



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

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 HIGH-LEVEL DECK (WHARF) W/RIPRAP & TIMBER DOLPHINS. PIER

Asset #: 13821

Piers	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Deck Concrete	2% 4+ \$18,500	LIFE **	5	\$1,000	A
Concrete	Spalling, Extent : Moderate, Area Affec	LITE	3	\$1,000	A
	Location: At 75 Ft And From 540 Ft		h Locatio	ns With Exposed	
	Reinforcement.	1007017170m bomm bom	. 20000	ns min zaposea	
	Other Observation, Extent : Light, Area	a Affected : 100%			
	Location: Isolated Locations				
	Explanation: Map Crack With Efflor				
Concrete	38%	LIFE **	5	\$19,600	Α
	Other Observation, Extent : Light, Area	a Affected : 20%			
	Location: Throughout				
NT . A	Explanation: Efflorescence At Deck.	Joints Between Deck Planks	5		
Not Accessible	60%				D
Deck Surface	100%	2033 **	5	\$20,600	C
Asphalt	100% Cracking, Extent : Light, Area Affected	2033	5	\$30,600	С
	Location : Above Pilecaps Throughou				
	Surface Wearing/Scaling, Extent: Light				
	Location: Throughout	u, in early cerea i boy o			
Pile Caps	Ü				
Concrete	75%	LIFE **	5	\$1,400	A
	Cracking, Extent : Light, Area Affected	! : 30%			
	Location: Isolated Corrosion Cracks	Throughout			
	Discolor & Bleeding, Extent: Light, A	rea Affected : 20%			
	Location : Isolated Throughout				
	Spalling, Extent: Light, Area Affected	: 5%			
	Location: Throughout At Edges				
Concrete	25% 4+ \$72,700	LIFE **	5	\$500	Α
	Cracking, Extent: Severe, Area Affecte		41	D Of	
	Location: Horizontal Cracking, With Pile Caps At Isolated Caps	Detamination Ana Rust Sta	uning, Ai	ong Bottom Of	
Piles and Bracing	Twe caps in isotatea caps				
Steel	30% 4+ \$19,600	LIFE **	5	\$128,000	Α
	Corrosion, Extent : Moderate, Area Afj	fected : 50%			
	Location: Near Mean Low Water Ele	evation And In Splash Zone			
Not Accessible	70%				D
ender					
Buffer	40-1				_
Rubber	10%	2033 **	4-5	\$3,300	В
	Other Observation, Extent: Moderate,	Area Affected : 50%			
	Location: Isolated At Hardware	ont Handware			
No Co	Explanation : Corrosion Of Attachme	ни 11инишине			D
No Component	90%				D

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

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 HIGH-LEVEL DECK (WHARF) W/RIPRAP & TIMBER DOLPHINS. PIER

Piers	Current Repair	Future Replaceme	nt M	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated C FY	Cost Cycle (Yrs)	Estimated Cost	Priority Code
Fender					
Wales and Chocks	4.504 N	2020		Φ	
Steel	15% Now \$67,000	2039	** 3-5	\$5,600	В
	Buckling, Extent : Severe, Area Affected Location : At Impact Location South				
	Corrosion, Extent : Severe, Area Affect	-			
	Location: Throughout	ей. 100/0			
No Component	85%				D
Pile Cluster	0370				
Timber	60%	2025 \$979,9	900 4-10	\$374,000	C
	Worn, Extent : Light, Area Affected : 50			72,	
	Location : Throughout Above Mlw El				
	Other Observation, Extent: Moderate,	Area Affected : 33%			
	Location: Throughout Tidal Zone				
	Explanation: Corrosion Of Cable Wi	rapping			
Timber	20% 4+ \$32,700	2025 \$326,0	500 4	\$15,300	С
	Rotting/Splitting, Extent : Severe, Area	Affected: 5%			
	Location: Isolated At Timber Located	d Above Mlw			
	Other Observation, Extent: Severe, Are	ea Affected : 33%			
	Location: At Bottom Cable Wraps, In	ı Tidal Zone			
	Explanation: Corrosion Of Cable Wi	raps			
No Component	20%				D
Deck Elements					
Railing	00/ 4 00	2022 #20	700		ъ
Steel	3% 4+ \$6,100	2022 \$30,	/00		В
	Corrosion, Extent : Light, Area Affected Location : At North End Of Asset	a: 100%			
	Missing Coating, Extent: Severe, Area	Affactad : 100%			
	Location: At Station 11+00 To 11+3				
C4 1			200		D
Steel	97% Missing Coating, Extent : Light, Area A	2022 \$992,9	900		В
	Location: Throughout Southern 1100				
Coning/Cyah	Location : Inroughout Southern 1100	reei Oj Assei			
Coping/Curb Concrete	5% 4+ \$11,000	LIFE	* *		В
Concrete	Exposed Reinforcement, Extent: Mode		%		Ъ
	Location: At Roadside Of Parapet, 1.				
	Spalling, Extent: Moderate, Area Affect				
	Location: At Roadside Of Parapet, S.		from South) A	And Isolated	
	Other		, ,		
Concrete	95%	LIFE	* *		В
	Cracking, Extent : Light, Area Affected	: 10%			
	Location : At Roadside And Riverside	Throughout			

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NAVY HOME PORT PIER 1 CONCRETE PIER
Address : FOOT OF WAVE ST. & MURRY HULBERT

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DGS0047.030 / 13504 Yr Built/Renovated :

Area Sq Ft : 131,595 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 12-Nov-2010 Landmark Status : NONE

Areas Surveyed :

Block : 487 Lot : 110 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers		\$147,100
Total		\$147,100
Priority A		\$147,100
Total		\$147,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$45,000			\$10,400
Total	\$45,000			\$10,400
Priority B	\$45,000			\$10,400
Total	\$45,000			\$10,400



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NAVY HOME PORT PIER 1 CONCRETE PIER

Piers		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
Structural								
Deck								
Concrete	60%			LIFE	* *	5	\$147,100	A
Not Accessible	40%							D
Piles and Bracing								
Not Accessible	100%							D
Fender								
Buffer								
Rubber	5%	Now	\$13,900	2037	* *	4-5	\$2,500	В
	Broken, Ex	tent : Mod	erate, Area Affecte	d: 100%	ó			
	Location	: South Ins	hore Side					
Rubber	95%			2031	* *	4-5	\$72,500	В
Deck Elements								
Railing								
Fencing	20%			2023		3		В
No Component	80%							D
Coping/Curb								
Concrete	1%	4+	\$5,200	LIFE	* *			В
	Spalling, E	xtent : Ligh	ht, Area Affected :	100%				
	Location	: Througho	out					
Concrete	99%			LIFE	* *			В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER E. 23RD ST. & U.N. SCHOOL

Address : 24-50 FDR DRIVE E. 23RD ST. & U.N. SCHOOL

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR025.066 / 4145 Yr Built/Renovated :

Area Sq Ft : 110,000 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 30-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 991 Lot : 50 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$48,600	\$232,400
Total	\$48,600	\$232,400
Priority A		\$183,800
Priority C	\$48,600	\$48,600
Total	\$48,600	\$232,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$46,800			
Total	\$46,800			
Priority A Priority B Priority C	\$46,800			
Total	\$46,800			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER E. 23RD ST. & U.N. SCHOOL

Asset #: 4145

Piers	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Deck Concrete	200/	LIDD	* *	5	\$41,000	Δ.
Not Accessible	20% 80%	LIFE		3	\$41,000	A D
Deck Surface	3070					
Asphalt	80%	2032	* *	5	\$97,100	C
-	Cracking, Extent : Light, Area Affected	l : 2%				
	Location : Isolated Throughout					
	Settlement, Extent : Light, Area Affecte	ed: 2%				
	Location : Isolated On South Side					
Not Accessible	20%					D
Firewalls Concrete	70%	LIFE	* *	5	\$8,600	С
Not Accessible	30%	LIIT		3	\$6,000	D
Pile Caps	3070					
Concrete	100%	LIFE	* *	5	\$7,400	A
	Cracking, Extent: Light, Area Affected	l : 30%				
	Location: Throughout					
	Spalling, Extent : Light, Area Affected Location : Random	: 5%				
	Other Observation, Extent: Light, Are	a Affected	! : 30%			
	Location : Throughout					
D'I I D I	Explanation : Efflorescence					
Piles and Bracing Timber	40%	LIFE	* *	4-5	\$197,100	A
Not Accessible	60%	LIII		4-3	\$197,100	D
Fender	0070					
Wales and Chocks						
Timber	100%	2032	* *	4	\$118,400	В
	Cracking, Extent : Light, Area Affected	l : 5%				
	Location:					
Piles	400/	2022	* *	4	¢21 000	D
Timber	40% Worn, Extent : Light, Area Affected : 5	2032	* *	4	\$21,900	В
	Location:	/0				
Not Accessible	60%					D
Deck Elements	0070					ъ
Railing						
Fencing	100%	2024		3		В
Coping/Curb						
Concrete	100%	LIFE	* *			В
	Cracking, Extent: Light, Area Affected	l : 5%				
	Location : Throughout					

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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER 10 AND BORDERING WHARVES
Address : AT ATLANTIC BASIN (NORTH PIER)

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0046.000 / 13959 Yr Built/Renovated :

Area Sq Ft : 57,000 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 13-Oct-2010 Landmark Status : NONE

Areas Surveyed :

Block : 515 Lot : 61 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$473,500	\$263,900
Total	\$473,500	\$263,900
Priority A	\$317,100	\$107,500
Priority B	\$156,400	\$156,400
Total	\$473,500	\$263,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$65,500	\$2,900		\$46,000
Total	\$65,500	\$2,900		\$46,000
Priority A				
Priority B	\$65,500	\$2,900		\$46,000
Total	\$65,500	\$2,900		\$46,000



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 10 AND BORDERING WHARVES

Piers	Current Repair F	uture Replacement	N	laintenance	
System Component Type		ear Estimated Cos	Cycle (Yrs)	Estimated Cost	Priority Code
Structural					•
Deck					
Concrete		FE *	* 5	\$53,100	A
	Cracking, Extent: Light, Area Affected: 5%				
	Location: Throughout Top Of Deck Surface				
	Surface Wearing/Scaling, Extent : Light, Are Location : Along Offshore Crane Rail And		•		
Concrete	10% 4+ \$317,100 LI	FE *	* 5	\$10,600	A
	Exposed Reinforcement, Extent: Moderate,				
	Location: Throughout Surface Of Origina		arf And M	ain Pier)	
	Spalling, Extent: Moderate, Area Affected:		ъзг	41 D 1	
	Location : Isolated At Underside Of Pier L Edge From Sta 13+93 To 14+05	Pecks Sta 10+30 Aloi	ig Berth F	ace. Along Deck	
	Other Observation, Extent: Moderate, Area	Affected: 3%			
	Location: Throughout Surface Of Origina	55	arf And M	ain Pier)	
	Explanation : Mechanical Damage/scaling		J	,	
Not Accessible	40%				D
Piles and Bracing					
Steel	5% LI	FE *	* 5	\$43,800	A
	Corrosion, Extent : Light, Area Affected : 10				
	Location : Above The Mlw Elevation Throi	e			
	Missing Coating, Extent: Moderate, Area A	=			
	Location : Above The Mlw Elevation Throi				
Timber		FE *	* 4-5	\$38,300	A
	Other Observation, Extent : Moderate, Area	33			
	Location: Isolated At/above Mlw Elevation				
	Explanation : Cracking/spalling In Concre	ete Extension			
Not Accessible	80%				D
Fender					
Facing	50/ N. (\$79.200 20)31 *	* 2	¢4.600	D
Timber	5% Now \$78,200 20 Broken, Extent : Severe, Area Affected : 10%	731	* 3	\$4,600	В
	Location: South Face Of Main Pier	o			
	Loose Connections, Extent : Moderate, Area	Affected . 25%			
	Location : South Face Of Main Pier	11. 11. 11. 11. 11. 11. 11. 11. 11. 11.			
	Missing Part, Extent: Severe, Area Affected	. 35%			
	Location : South Face Of Main Pier	. 55/0			
No Component	95%				D
No Component	7J%				ע

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 10 AND BORDERING WHARVES

Asset #: 13959

Piers	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender						
Wales and Chocks	700/	2021	* *	4	¢00,000	D
Timber	70%	2031	4- 4-	4	\$88,900	В
	Worn, Extent: Light, Area Affected: Location: Along West Face Of Pier		ip Berthing/ope	erations		
Timber	5% 0-2 \$19,700	2035	* *	4	\$6,300	В
	Missing Part, Extent : Severe, Area Aj Location : Isolated Throughout	ffected : 20%				
	Worn, Extent : Moderate, Area Affecte	ed : 50%				
	Location: Isolated Along West Face	e Of Pier In Ar	ea Of Ship Ber	thing/ope	erations	
	Other Observation, Extent: Severe, A	rea Affected :	50%			
	Location: Isolated Along West Face	e Of Pier In Ar	ea Of Ship Ber	thing/ope	erations	
	Explanation: Impact Damage					
No Component	25%					D
Piles	100/	2025	Φ1 <i>EC</i> 400	4	ΦΩ ΩΩΩ	D
Timber	10% Worn, Extent : Light, Area Affected : 8	2025	\$156,400	4	\$8,800	В
	Location : Above The Mlw Elevation		Taga Of Pior In	Area Of	Chin	
	Berthing/operations Often With Expe			Area Oj	Snip	
Timber	5% 2-4 \$78,200	2037	* *	4	\$2,900	В
	Broken, Extent : Severe, Area Affected	l : 70%				
	Location: Along West Face Of Pier	In Area At Flo	oating Camels			
	Loose Connections, Extent: Severe, A	rea Affected :	20%			
	Location: Fender Cluster At Southw	vest Corner; 6	Sheared Conn	ections		
	Other Observation, Extent: Severe, A	rea Affected :	30%			
	Location : Above Waterline Isolated Berthing/operations	Along West F	ace Of Pier In .	Area Of S	Ship	
	Explanation: Impact Damage					
No Component	25%					D
Not Accessible	60%					D
Deck Elements						
Coping/Curb	1.50/	LIEE	* *			D
Concrete	15%	LIFE	* *			В
Concrete	5% Now \$22,600		* *			В
	Broken, Extent: Severe, Area Affected		OCD: 1		C .1 .	
	Location : At Stations 4+90, 8+30, 9 Corner Of Pier	9+34 From Co	orner Of Pier 11	t, Ana At	Southwest	
Timber	20% Now \$23,200	LIFE	* *			В
	Broken, Extent : Severe, Area Affected					
	Location : Throughout West Face O					
	Missing Part, Extent : Severe, Area Aj					
	Location : Throughout West Face O	-				
Timber	35%	LIFE	* *			В
IIIIOCI	Rotting/Splitting, Extent : Light, Area					D
	Location : Throughout West Face O		·			
N. C.		,				
No Component	25%					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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER 12

Address : 72 BOWNE ST. / ATLANTIC BASIN

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0050,000 / 13963 Yr Built/Renovated :

Area Sq Ft : 235,530 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 14-Oct-2010 Landmark Status : NONE

Areas Surveyed :

Block : 515 Lot : 61 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$781,400	\$383,500
Total	\$781,400	\$383,500
Priority A	\$52,400	\$383,500
Priority B	\$729,000	
Total	\$781,400	\$383,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$30,800			\$7,400
Total	\$30,800			\$7,400
Priority A	\$12,300			
Priority B	\$18,500			\$7,400
Total	\$30,800			\$7,400



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 12

Piers	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
tructural Deck						
Concrete	19% Cracking, Extent: Light, Area Affecte Location: Throughout; Minor Crack Spalling, Extent: Light, Area Affected Location: Throughout; Minor Spall	king l : 1%	**	5	\$83,400	A
Concrete	1% 2-4 \$52,400 Spalling, Extent: Severe, Area Affecte Location: Severe Spalls In Edge Of To 19+40.	ed : 5%	* * ons 10+15, 16+50	5 0 To 19+	\$4,400 00, And 19+20	A
Not Accessible	80%					D
Pile Caps Concrete	14% Cracking, Extent : Light, Area Affecte Location : Throughout	LIFE d : 100%	**	5	\$2,200	A
Concrete	1% 2-4 \$12,300 Spalling, Extent : Severe, Area Affecte Location : Station 18+20 To 19+00,	ed : 1%	* * lling In Face Of I	5 Pier Sout	\$200 Shwest Corner	A
No Component	85%					D
Piles and Bracing				_	****	
Steel Timber	5% 15% Other Observation, Extent : Light, Ard Location : Throughout Explanation : Timber Piles With Co.			5 4-5	\$181,100 \$158,300	A A
Not Accessible	80%					D
ender Buffer						
Rubber	100% Other Observation, Extent : Severe, A Location : Station 10+15 To 19+15 Explanation : Sea Guard Fender	2031 rea Affected	* * : 100%	4-5	\$51,700	В
Facing Concrete	100%	LIFE	* *			В
Wales and Chocks Timber	50% Now \$166,500 Broken, Extent : Severe, Area Affected Location : East And North Sides; Sta	d: 100%	* * To 10+15	4	\$53,600	В
Timber	50% 4+ \$166,500 Rotting/Splitting, Extent : Moderate, A Location : West Face; Station 10+1.	Area Affected	* * 1 : 50%	4	\$53,600	В

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 12

Piers	Current Re	pair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender							
Piles							
Timber	15% 4+	\$198,000	2037	* *	4	\$7,400	В
	Broken, Extent : Light,	Area Affected : 5	0%				
	Location: West Face,	Station 10+15 7	To 19+13	5			
Timber	15% Now	\$198,000	2037	* *	4	\$7,400	В
	Broken, Extent : Severe	, Area Affected :	100%				
	Location: East And N	North Sides; Stati	on 0+00	To 10+15			
Not Accessible	70%						D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER 16, EAST RIVER
Address : PIER 16 EAST RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSP003.010 / 1769 Yr Built/Renovated : 1902 /

Area Sq Ft : 40,713 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 27-Feb-2013 Landmark Status : NONE

Areas Surveyed :

Block : 73 Lot : 8 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$541,400	\$886,200
Total	\$541,400	\$886,200
Priority A	\$106,700	\$41,700
Priority B	\$212,300	\$782,900
Priority C	\$222,400	\$61,500
Total	\$541,400	\$886,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$54,300	\$26,100	\$500	\$2,700
Total	\$54,300	\$26,100	\$500	\$2,700
Priority A	\$13,600			
Priority B	\$36,600	\$26,100	\$500	\$2,700
Priority C	\$4,100			
Total	\$54,300	\$26,100	\$500	\$2,700



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 16, EAST RIVER

Asset #: 1769

ers	Current	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
uctural	·						
Deck	52 0/		LIDE	* *	-	¢40.200	
Concrete	53% 2% Now	¢12 600	LIFE LIFE	* *	5 5	\$40,200	A
Concrete	2% NOW Corrosion of Reinfor	\$13,600			3	\$1,500	A
		ed Strands Within S		и Аујестей . 1070			
	Spalling, Extent : Me			á			
		offit Between Bents					
Not Accessible	45%	33					D
Deck Surface							
Timber	75%		2033	* *	5	\$123,100	C
Timber	10% 2-4	\$103,200	2039	* *	5	\$8,200	C
	Cracking, Extent : L Location : Through		: 60%				
	Surface Wearing/Sco Location : Through		, Area A <u>f</u>	fected : 100%			
Not Accessible	5%						D
1,0011000332010	Other Observation, Location :	Extent : Light, Area	Affected	: 0%			2
		er Cafe And Under	Museum				
Under Construction	10%	er caje rina onaer	1vi use um				D
Firewalls	1070						
Concrete	8%		LIFE	* *	5	\$400	C
Concrete	2% Now	\$4,100	LIFE	* *	5	\$100	C
	Spalling, Extent : Se	vere, Area Affected	: 5%				
	Location: Typical	Along Bottom Edge	Within T	Tidal Zone			
No Component	90%						D
Pile Caps							
Concrete	10% 4+	\$106,700	LIFE	* *	5	\$300	A
	Erosion, Extent: Mo						
	_	hout Within Tidal Z					
	Spalling, Extent : Mo Location : Isolated		ted : 5%				
Timber	90%		LIFE	* *	4	\$287,900	A
	Rotting/Splitting, Ex Location : Isolatea		ffected : .	5%			
Piles and Bracing							
Not Accessible	100%						D
	Other Observation,	Extent : Light, Area	Affected	: 0%			
	Location:		_				
	Explanation : 80 P	ercent Encased; 20	Percent	Wrapped			

Fender

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.

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 16, EAST RIVER

Asset #: 1769

Piers	Current Rep	oair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender							
Buffer	50/ NI-	¢5 100	2020	* *	1.5	Ф000	D
Rubber	5% Now Missing Part, Extent : S Location : East End O			0%	4-5	\$900	В
Rubber	5%		2033	* *	4-5	\$1,600	В
No Component	90%						D
Wales and Chocks							
Timber	90% Rotting/Splitting, Extent Location : Throughout		2033 ffected : 2	**	4	\$77,600	В
Timber	10% Now Rotting/Splitting, Extent Location : Above Mhw		2039 Affected :	* * 40%	4	\$5,700	В
Piles							
Timber	20% Now Broken, Extent : Severe, Location : Throughout		2039 100%	* *	4	\$5,300	В
Timber	10% 2-4 Rotting/Splitting, Extent Location: Throughout Worn, Extent: Severe, A Location: Above Mlw	t Area Affected : 3		25%	4	\$2,700	В
Timber	20% Worn, Extent : Moderat Location : In Tidal Zo.		2027 : 25%	* *	4	\$5,300	В
Not Accessible	50%						D
Pile Cluster Timber	60% Now Broken, Extent : Severe, Location : Two Cluste			* *	4	\$2,700	С
Not Accessible	40%						D
Deck Elements Railing							
Steel	5% 4+ Displaced Elements, Ex Location : Isolated Th Loose Connections, Ext Location : Throughout	roughout Impact ent : Moderate, A	t Damage Area Affe	e cted : 50%			В
Steel	80% Other Observation, Exte Location : Throughout Explanation : Paint Lo	t	2022 Affected	\$736,800 : 20%			В
No Component	15%						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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER 35

Address : EAST RIVER, PIER 35 BET CLINTON & MONTGOMERY STS.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSP005.031 / 1770 Yr Built/Renovated :

Area Sq Ft : 27,677 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 23-Jul-2007 Landmark Status : NONE

Areas Surveyed :

Block : 241 Lot : 13 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$130,300	\$136,700
Total	\$130,300	\$136,700
Priority A	\$130,300	\$136,700
Total	\$130,300	\$136,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$53,800		\$2,200	
Total	\$53,800		\$2,200	
Priority A	\$14,000			
Priority B	\$39,800		\$2,200	
Total	\$53,800		\$2,200	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 35

Asset #: 1770

Piers	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Deck	0.007	LIDD	* *	_	Φ 5 0, 5 00	
Concrete	98% Cracking, Extent : Light, Area Affecte	LIFE	* *	5	\$50,500	A
	Location : Minor Shrinkage Crackin		side Of Deck And	On Top	Of Deck	
	Spalling, Extent : Light, Area Affected	_	state of Been Time	on rop	oj z cen	
	Location : Isolated At Underside Of		eck Planks			
Concrete	2% 4+ \$3,100	LIFE	* *	5	\$1,000	A
	Broken, Extent : Moderate, Area Affec				, ,	
	Location : Along Edge Of Concrete	Curb And U	Inderside Of Edge	e Beam		
Pile Caps						
Concrete	5% 4+ \$10,900		* *	5	\$100	A
	Spalling, Extent: Light, Area Affected		D'1 C E			
_	Location: Isolated At Bottom Edges					
Concrete	75%	LIFE	* *	5	\$1,400	A
	Cracking, Extent : Light, Area Affecte Location : Throughout	a : 20%				
Not Accessible	20%					D
Piles and Bracing	20%					D
Steel	20% 4+ \$130,300	LIFE	* *	5	\$85,100	A
Steel	Corrosion, Extent : Light, Area Affect			J	Ψ05,100	**
	Location : Above Mean Low Water					
	Damaged Conc. Jacket, Extent : Light	, Area Affe	cted : 5%			
	Location : Above Mean Low Water					
Not Accessible	80%					D
Fender						
Buffer	500/	2020	* *	4.5	Φ7.100	D
Rubber	59% 1% Now \$400	2028 2034	**	4-5 4-5	\$7,100 \$100	B B
Rubber	Broken, Extent : Severe, Area Affected			4-3	\$100	D
	Location : Near South Eastern Corn					
No Component	40%					D
Wales and Chocks	1070					
Timber	55%	2028	* *	4	\$17,900	В
Timber	5% Now \$8,500	2034	* *	4	\$1,100	В
	Loose Connections, Extent: Moderate	, Area Affe	cted : 35%			
	Location : Southeast Corner					
	Missing Part, Extent : Severe, Area Aj	fected: 355	%			
	Location : Southwest Corner					
No Component	40%					D
Piles	200/ 4 - 02/4100	2020	* *	1	¢2 000	D
Timber	30% 4+ \$24,100 Worn, Extent: Light, Area Affected: 1		~ ~	4	\$3,000	В
	Location :	0/0				
No Component	40%					D
Not Accessible	30%					D
THUI ACCESSIBLE	JU/0					υ

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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER 36

Address : EAST RIVER, PIER 36 BET CLINTON & MONTGOMERY STS.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSP005.032 / 1771 Yr Built/Renovated :

Area Sq Ft : 342,515 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 19-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : 241 Lot : 13 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$1,715,300	\$2,194,100
Total	\$1,715,300	\$2,194,100
Priority A	\$1,715,300	\$2,194,100
Total	\$1,715,300	\$2,194,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$38,800	\$38,500		
Total	\$38,800	\$38,500		
Priority A				
Priority B	\$38,800	\$10,200		
Priority C		\$28,300		
Total	\$38,800	\$38,500		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 36

Piers	Current Rep	oair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date E Total (Years)	Sstimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
tructural							
Deck							
Concrete	50%		LIFE	* *	5	\$319,100	A
	Cracking, Extent: Mod		ted : 5%				
	Location: Throughou		50/				
	Spalling, Extent : Light,			ido And Outsido O	v D:1 J:		
	Location: Throughou				<i>д</i> Винанп	g	
	Surface Wearing/Scalin Location : Inside Shea	_		ea Affeciea : 10%			
	Other Observation, Exte			. 50%			
	Location : Throughou	_	Ајјестеи	. 570			
	Explanation : Delamin						
Concrete	5% 4+	\$47,600	LIFE	* *	5	\$31,900	A
Concrete	Spalling, Extent : Sever				3	ψ31,700	11
	Location : At Edge Be			eck			
Not Accessible	25%						D
Under Construction	20%						D
Deck Surface							
Asphalt	15%		2032	* *	5	\$56,700	C
	Cracking, Extent: Light	t, Area Affected :	2%				
	Location: Throughou	t					
No Component	40%						D
Not Accessible	25%						D
Under Construction	20%						D
Pile Caps					_	*1 * 000	
Concrete	65%	. A . A.CC 1	LIFE	* *	5	\$15,000	A
	Cracking, Extent : Light Location : Throughou		25%				
	_		200/				
	Spalling, Extent : Light, Location : Throughou		2070				
Compute	35% 4+		LIFE	* *	5	¢0 100	Α.
Concrete	35% 4+ Cracking, Extent : Mod	\$942,100			5	\$8,100	A
	Location: Throughou						
	Discolor & Bleeding, E.	_					
	Location : At Bottom (
	Spalling, Extent : Mode		_				
	Location : At Bottom						

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 36

Piers	Curre	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail D Total (Yea	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Piles and Bracing							
Steel	28%		LIFE	* *	5	\$1,474,400	A
		t : Light, Area Affected	2:2%				
	Location : Spla		A A CC	. 1 200/			
	Recent Replace E Location : Sout	Evident, Extent : Light, h End Of Pier	Area Affe	ected : 20%			
Steel	2% Nov	v \$322,400	LIFE	* *	5	\$105,300	A
		t : Severe, Area Affecte					
	Location : Spla	sh Zone And Near Mea	n Low W	'ater			
Steel	5% 4+	\$403,100	LIFE	* *	5	\$263,300	A
	Corrosion, Exten	t : Moderate, Area Affe	ected : 30	9%			
	Location : Spla	sh Zone And Near Mea	n Low W	'ater			
Not Accessible	65%						D
Fender							
Buffer							
Rubber	80%		2032	* *	4-5	\$32,600	В
No Component	20%						D
Wales and Chocks							
Timber	80%		2032	* *	4	\$88,700	В
No Component	20%						D
Piles	2004		2022	* *		Φ1 π 100	
Timber	30%	F C A	2032		4	\$15,400	В
	Location : At N	ns, Extent : Severe, Are orth End Of Pier		ed: 1%			
	Worn, Extent : La Location : Tida	ght, Area Affected : 5% l Zone	6				
	Other Observatio	n, Extent : Moderate, A	Area Affe	cted : 75%			
	Location: Thro	ughout					
	Explanation: C	Corrosion Of Chain					
No Component	20%						D
Not Accessible	50%						D
Deck Elements							
Railing							
Steel	80%		2021				В
No Component	20%						D

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER 4 BROOKLYN ARMY TERMINAL Address : SOUTH SIDE OF FOOT OF 58TH ST.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR052.000 / 13647 Yr Built/Renovated : 1997 /

Area Sq Ft : 195,000 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 17-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : 5778 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$229,200	\$2,999,900
Total	\$229,200	\$2,999,900
Priority A		\$428,700
Priority B	\$162,500	\$2,504,500
Priority C	\$66,700	\$66,700
Total	\$229,200	\$2,999,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$600	\$13,700		\$400
Total	\$600	\$13,700		\$400
Priority A				
Priority B	\$600	\$13,700		\$400
Total	\$600	\$13,700		\$400



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 4 BROOKLYN ARMY TERMINAL

Piers	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estima FY	nted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Deck						
Concrete	50%	LIFE	* *	5	\$181,700	A
	Discolor & Bleeding, Extent: Li		ó			
	Location : Efflorescence On De					
	Spalling, Extent : Light, Area Aff					
	Location : Deck Soffit Along Is	olated Plank Joints				
Not Accessible	50%					D
	Other Observation, Extent : Ligh	nt, Area Affected : 0%				
	Location:					
	Explanation : Due To Concrete	Topping Surface				
Deck Surface						
Concrete	100%	2033	* *	5	\$133,500	C
	Cracking, Extent : Light, Area A,	ffected : 5%				
	Location : Along Centerline Of	Pier. More Prevalent A	At Offshore	e End		
Pile Caps						
Concrete	100%	LIFE	* *	5	\$13,100	A
	Spalling, Extent : Light, Area Aff	fected : 5%				
	Location : Isolated Outboad Ed	lges				
Piles and Bracing						
Concrete	40%	LIFE	* *	5	\$247,000	A
Not Accessible	60%					D
	Other Observation, Extent : Ligh	t, Area Affected : 0%				
	Location:					
	Explanation: Below Water Sun	face				
Fender						
Wales and Chocks						
Timber	15%	2033	* *	4	\$33,700	В
Timber	2% Now \$14	1,000 2039	* *	4	\$3,000	В
	Broken, Extent : Severe, Area Af	fected : 50%				
	Location: Isolated Throughout	t				
	Displaced Elements, Extent : Sev	ere, Area Affected : 50%	6			
	Location: Isolated Throughout	•				
Timber	5% 4+ \$23	3,300 2037	* *	4	\$7,500	В
	Cracking, Extent : Moderate, Arc	*		•	Ψ.,εσο	_
	Location : Isolated Throughout					
No Component	78%					D
140 Component	10/0					ע

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 4 BROOKLYN ARMY TERMINAL

Piers	Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender						
Piles						
Steel	2% 4+	\$600 2037	* *	3-5	\$12,300	В
	Corrosion, Extent : Light, Area					
	Location : Throughout Tidal A	And Splash Zone				
Timber	7%	2033	* *	4	\$7,300	В
	Broken, Extent : Light, Area Afj	ected : 1%				
	Location : One Broken Pile C	enter Of North F	'ace			
	Rotting/Splitting, Extent: Light	Area Affected :	5%			
	Location: Throughout					
No Component	76%					D
Not Accessible	15%					D
	Other Observation, Extent : Lig	ht, Area Affected	l : 0%			
	Location:					
	Explanation : Below Water Su	rface				
Deck Elements						
Railing						
Steel	100% 4+ \$12	5,200 2023	\$2,504,500			В
	Other Observation, Extent : Lig	ht, Area Affectea	l : 25%			
	Location: Typical Throughou	t				
	Explanation: Coating Loss. 1	No Corrosion				

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER 42

Address : EAST RIVER AT CLINTON ST.& SOUTH ST.VIADUCT

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBS0006.010 / 1772 Yr Built/Renovated : 1961 /

Area Sq Ft : 120,262 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 19-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : 241 Lot : 18 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$141,500	\$92,400
Total	\$141,500	\$92,400
Priority A	\$141,500	\$92,400
Total	\$141,500	\$92,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$300	\$900		
Total	\$300	\$900		
Priority A				
Priority B	\$300	\$900		
Total	\$300	\$900		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 42

Piers		Current Repa	air	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Deck								
Concrete	10%			LIFE	* *	5	\$22,400	A
		earing/Scaling : Throughout	, Extent : Light East Apron	, Area Aj	ffected : 10%			
Not Accessible	90%							D
Pile Caps								
Concrete	100%			LIFE	* *	5	\$8,100	A
Piles and Bracing								
Concrete Encased Steel	30%			LIFE	* *			A
Steel	5%	4+	\$141,500	LIFE	* *	5	\$92,400	A
	Corrosion	Extent : Mode	erate, Area Affe	ected : 30	0%			
	Location	: Above Mean	Low Water					
Not Accessible	65%							D
Fender								
Buffer								
Rubber	10%			2032	* *	4-5	\$2,700	В
No Component	90%							D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER 79 LINCOLN TUNNEL VENT Address : 39TH ST AND HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR039.000 / 13485 Yr Built/Renovated :

Area Sq Ft : 48,060 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 20-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : 665 Lot : 14 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers		\$36,900
Total		\$36,900
Priority A		\$36,900
Total		\$36,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$1,700	\$5,800		
Total	\$1,700	\$5,800		
Priority A				
Priority C	\$1,700	\$5,800		
Total	\$1,700	\$5,800		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 79 LINCOLN TUNNEL VENT

Piers		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Deck								
Concrete	10%			LIFE	* *	5	\$9,000	Α
Not Accessible	90%							D
Deck Surface								
Concrete	35%			2032	* *	5	\$11,500	C
Topsoil	5%			2021	\$18,900	5	\$3,400	C
Not Accessible	60%							D
Pile Caps								
Concrete	30%			LIFE	* *	5	\$1,000	A
	Cracking,	Extent: M	oderate, Area Affec	cted : 159	%			
	Location	i : Through	out And Southwest	Corner (Of Pier			
	Spalling, 1	Extent : Mo	oderate, Area Affect	ted : 10%	ó			
	Location	i : Through	out And Southwest	Corner (Of Pier			
Not Accessible	70%							D
Piles and Bracing								
Concrete Encased Steel	10%			LIFE	* *			A
Steel	5%			LIFE	* *	5	\$36,900	A
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 5%			
	Location	ı : Splash Z	<i>Cone</i>					
	Explana	tion : H- P	ile, Corrosion					
Not Accessible	85%							D
Deck Elements								
Railing								
Steel	70%			2021				В
No Component	30%							D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER 88 PASSENGER SHIP TERM.
Address : W 48TH ST AND HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR040.000 / 13486 Yr Built/Renovated :

Area Sq Ft : 248,040 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 26-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1107 Lot : 12 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025	
Piers	\$3,847,200	\$1,896,600	
Total	\$3,847,200	\$1,896,600	
Priority A	\$3,409,500	\$1,183,900	
Priority B	\$70,600	\$712,800	
Priority C	\$367,100		
Total	\$3,847,200	\$1,896,600	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$6,700	\$2,600	\$1,500	
Total	\$6,700	\$2,600	\$1,500	
Priority A	\$6,700			
Priority B		\$2,600	\$1,500	
Total	\$6,700	\$2,600	\$1,500	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 88 PASSENGER SHIP TERM.

Asset #: 13486

Piers	Curren	t Repair	Future F	Replacement	Ma	aintenance	
System Component Type	% of Fail Dat Total (Years	te Estimated Cost	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Deck Concrete	60%		LIFE	* *	5	\$554,600	٨
Concrete	Cracking, Extent:	Light, Area Affected ne Thermal Map Cra	100%		5 Exposed I	\$554,600 Deck	A
Concrete	5% Now Other Observation, Location: Outboo Explanation: Fai		LIFE a Affected :	**	5	\$23,100	A
Not Accessible	35%						D
Deck Surface							
Asphalt Pavers	35% 4+ Worn, Extent : Ligh Location : Throug	\$367,100 ht, Area Affected : 25 ghout	2034	* *			С
No Component Not Accessible	45% 20%						D D
Pile Caps							
Concrete	40%		LIFE	* *	5	\$13,300	A
Timber		\$268,900 Extent : Light, Area A and Areas Throughout	-		4	\$877,000	A
No Component	15%						D
Piles and Bracing							
Steel	20%		LIFE	* *	5	\$1,525,300	Α
Timber		\$1,410,700 Extent : Light, Area A dic, Above Waterline	LIFE fected : 109	* *	4-5	\$166,700	A
No Component	15%						D
Not Accessible	50%						D
Fender Buffer							
Pneumatic Fenders	100%		2024	\$642,200			В
Wales and Chocks							
Rubber	5%		2038	* *	10		В
No Component	95%						D
Piles Steel		Extent : Light, Area		* *	3-5	\$149,100	В
		ent To Floating Fend	ers				
m: 1	Explanation : Lik	e new	2022			** 0.5 -	-
Timber	5%		2038	* *	4	\$3,000	В
No Component	80%						D
Deck Elements Coping/Curb							
Concrete	5%		LIFE	* *			В
Timber	85%		LIFE	* *			В
No Component	10%						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.

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 88 PASSENGER SHIP TERM.

Asset #: 13486

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER 90 PASSENGER SHIP TERM.
Address : W 50TH ST AND HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR041.000 / 13487 Yr Built/Renovated :

Area Sq Ft : 131,250 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 26-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1109 Lot : 21 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025	
Piers	\$2,236,200	\$358,600	
Total	\$2,236,200	\$358,600	
Priority A	\$1,522,600	\$311,500	
Priority B	\$713,600		
Priority C		\$47,100	
Total	\$2,236,200	\$358,600	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$14,500		\$4,200	\$29,300
Total	\$14,500		\$4,200	\$29,300
Priority A				
Priority B			\$4,200	\$29,300
Priority C	\$14,500			
Total	\$14,500		\$4,200	\$29,300



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.

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 90 PASSENGER SHIP TERM.

Piers	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Deck Concrete	60% 2-4 \$438,100	LIFE **	5	\$146,700	A
	Cracking, Extent: Moderate, Area Affe				
	Location: Periodic Throughout Along				
	Spalling, Extent : Light, Area Affected : Location : Isolated Locations In Outb		rimatar		
	Surface Wearing/Scaling, Extent: Mode		imeter		
	Location: Periodic Throughout Along				
Not Accessible	40%	•			D
Deck Surface					
Asphalt	65% 2-4 \$14,500	2034 **	5	\$47,100	C
	Other Observation, Extent : Moderate,	Area Affected : 10%			
	Location: Periodic Throughout				
NT / A '11	Explanation : Isolated Gouges				
Not Accessible	35%				D
Pile Caps Timber	75% 4+ \$237,200	LIFE **	4	\$773,500	A
Timoci	Rotting/Splitting, Extent : Light, Area A		-	Ψ773,500	71
	Location : Periodic Throughout				
No Component	25%				D
Piles and Bracing					
Steel	5%	LIFE **	5	\$201,800	Α
Timber	15% 2-4 \$746,500	LIFE **	4-5	\$88,200	A
	Rotting/Splitting, Extent : Moderate, Ar Location : Above Waterline And At Fo				
Not Accessible	80%	isieners			D
Fender	0070				
Facing					
Timber	25% 0-2 \$31,100	2034 **	3	\$21,900	В
	Other Observation, Extent : Severe, Are	ea Affected : 60%			
	Location : Along Concrete Bulkhead		,		
m: 1	Explanation: Impact Damage, Missin			Φ < ₹ 000	
Timber	75% 0-2 \$93,300 Broken, Extent : Severe, Area Affected :	2034	3	\$65,800	В
	Location : Along Concrete Bulkhead	10070			
Wales and Chocks	Zecunent Theng Control Zummeum				
Timber	75% 0-2 \$141,300	2034 **	4	\$90,900	В
	Displaced Elements, Extent : Severe, An			•	
	Location: Isolated Along Pier Perime				
	Rotting/Splitting, Extent: Moderate, Ar				
	Location: Typical Along Pier Perime	ter			
No Component	25%				D

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 90 PASSENGER SHIP TERM.

Piers	Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender							
Piles							
Timber	10% 0-2	\$89,600	2040	* *	4	\$5,600	В
	Loose Connections, E	Extent : Moderate, 1	Area Affe	ected : 60%			
	Location: Periodic	Throughout					
	Rotting/Splitting, Exte	ent : Moderate, Ar	ea Affect	ed : 15%			
	Location: Top/Pile	es; Periodic Throu	ghout				
	Worn, Extent: Moder	ate, Area Affected	: 50%				
	Location: Periodic	Throughout					
Timber	20% 4+	\$179,100	2040	* *	4	\$11,200	В
	Rotting/Splitting, Exte	ent : Moderate, Ar	ea Affect	ed : 15%			
	Location : Top Of P	ile; Periodic Thro	ughout				
	Worn, Extent: Moder	ate, Area Affected	: 75%				
	Location : Typical I	Positioned In Tidal	Zone				
Timber	15%		2038	* *	4	\$8,400	В
Timber	20% Now	\$179,100	2040	* *	4	\$11,200	В
	Other Observation, Extent : Severe, Area Affected : 100%						
	Location: Periodic	Throughout					
	Explanation: Broke	en, Missing					
Not Accessible	35%						D
Deck Elements							
Railing							
Steel	100%		2024				В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER 92 PASSENGER SHIP TERM.
Address : W 52ND ST. AND HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR042.000 / 13488 Yr Built/Renovated :

Area Sq Ft : 93,000 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 26-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1109 Lot : 30 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$2,611,500	\$147,000
Total	\$2,611,500	\$147,000
Priority A Priority B	\$1,468,000 \$1,143,500	\$147,000
Total	\$2,611,500	\$147,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$148,300			\$5,500
Total	\$148,300			\$5,500
Priority A	\$146,100			
Priority B	\$2,200			\$5,500
Total	\$148,300			\$5,500



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 92 PASSENGER SHIP TERM.

Piers	Current Repa	air F	uture Replacement	М	aintenance	
System Component Type	% of Fail Date Es Total (Years)		ear Estimated Cost Y	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Deck						
Concrete	10% 4+		FE **	5	\$17,300	Α
	Cracking, Extent: Moder		60%			
	Location : Around Peri	=				
	Spalling, Extent: Modera		10%			
	Location : Around Peri	meter Apron				
Concrete	40% 4+	\$620,800 LI		5	\$69,300	A
	Surface Wearing/Scaling	_				
	Location: Typical Thro	oughout Interior Top	o Of Deck			
Not Accessible	50%					D
Pile Caps						
Timber	10% 4+	\$268,900 LI	FE **	4	\$73,100	A
	Rotting/Splitting, Extent .		fected : 10%			
	Location : Typical Thro	oughout				
Timber	40%	LI	FE **	4	\$438,400	A
Not Accessible	50%					D
	Other Observation, Exter	nt : Light, Area Affe	cted : 0%			
	Location:					
	Explanation: Cap Not	Accessible At Pile (Cluster Column Suppo	rts		
Piles and Bracing						
Timber	20% 2-4	\$423,100 LI		4-5	\$83,300	Α
	Rotting/Splitting, Extent					
	Location : Above Water	rline And At Fasten	ers			
Not Accessible	80%					D
Fender						
Facing						
Timber	15% 0-2	T-00,.00 -0	**	3	\$9,900	В
	Broken, Extent : Severe, A					
	Location : Along Inshor	re Perimeter At Bull	khead			
Timber	10%	20	34 **	3	\$8,800	В
No Component	75%					D
Wales and Chocks						
Timber	60% Now	\$425,000 20	40 **	4	\$54,700	В
	Broken, Extent : Severe, A		Ó			
	Location : Typical Thro	oughout				
	Worn, Extent : Severe, Ar					
	Location: Typical Thro	oughout				
No Component	40%					D

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 92 PASSENGER SHIP TERM.

Piers	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	
Fender					
Piles					
Timber	15% 2-4 \$101,000	2040 **	4 \$6,300	В	
	Rotting/Splitting, Extent : Light, Area Aj Location : Typical Throughout	ffected : 10%			
Timber	40% Now \$269,400	2040 **	4 \$16,800	B	
	Other Observation, Extent : Severe, Are		. , , , , , , ,		
	Location : North Side	33			
	Explanation: Broken, Missing				
Timber	10% 0-2 \$67,400	2040 **	4 \$4,200	В	
	Broken, Extent : Severe, Area Affected :	15%			
	Location: Isolated Throughout				
	Rotting/Splitting, Extent: Moderate, Ara	Rotting/Splitting, Extent: Moderate, Area Affected: 25%			
	Location : Periodic Throughout				
	Worn, Extent : Moderate, Area Affected				
	Location : Abrasion Within Tidal Zone				
Not Accessible	35%			D	

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER 94 PIERS 92/94 LLC

Address : W 54TH ST AND HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR043.000 / 13489 Yr Built/Renovated :

Area Sq Ft : 122,150 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 16-Apr-2013 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$1,779,300	\$342,000
Total	\$1,779,300	\$342,000
Priority A	\$245,000	\$342,000
Priority B	\$1,534,300	
Total	\$1,779,300	\$342,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$32,000			\$2,200
Total	\$32,000			\$2,200
Priority A	\$32,000			
Priority B				\$2,200
Total	\$32,000			\$2,200



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 94 PIERS 92/94 LLC

Asset #: 13489

Piers	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimat	ted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Deck	750/	LIDE	* *	5	¢170.700	A
Concrete Not Accessible	75% 25%	LIFE		5	\$170,700	A D
Pile Caps	2570					
Concrete	5% 4+ \$32,000	LIFE	* *	5	\$400	A
	Cracking, Extent: Moderate, Area Affe	cted : 10%				
	Location: Throughout					
	Spalling, Extent : Moderate, Area Affec	ted : 10%				
	Location: Throughout					
Concrete	35%	LIFE	* *	5	\$2,900	A
Not Accessible	60%					D
Piles and Bracing	150/	LIEE	* *	_	¢50,000	
Concrete	15% Other Observation, Extent: Light, Area	LIFE	* *	5	\$58,000	A
	Location : Throughout	Affecteu . 100%				
	Explanation : Encased Into Deck					
Concrete	5% 4+ \$101,300	LIFE	* *	5	\$19,300	A
Concrete	Broken, Extent : Moderate, Area Affecto			5	Ψ12,300	7.1
	Location: Throughout					
	Cracking, Extent: Moderate, Area Affe	cted : 10%				
	Location: Throughout					
Steel	5% 4+ \$143,700	LIFE	* *	5	\$93,900	A
	Corrosion, Extent : Moderate, Area Aff	ected : 20%				
	Location: Throughout					
Not Accessible	75%					D
Fender						
Facing	400/ 14	2020	de de	2	φ.ς. π οο	
Timber	10% Now \$189,300	2039	* *	3	\$6,700	В
	Broken, Extent : Severe, Area Affected : Location : At West End	100%				
	Missing Part, Extent: Severe, Area Affe	ected : 100%				
	Location: At West End	. 10070				
No Component	90%					D
Wales and Chocks	2070					<i>D</i>
Timber	90% Now \$322,500	2039	* *	4	\$83,000	В
	Broken, Extent : Severe, Area Affected :				,,,,,,,	
	Location: Throughout					
	Missing Part, Extent : Severe, Area Affe	ected : 100%				
	Location: Throughout					
	Rotting/Splitting, Extent : Severe, Area	Affected : 100%				
	Location: Throughout					
No Component	10%					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.

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 94 PIERS 92/94 LLC

Piers	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender							
Piles							
Timber	90% Now	\$1,022,400	2039	* *	4	\$38,400	В
	Broken, Extent: S	evere, Area Affected :	100%				
	Location: Throu	ghout					
	Missing Part, Exte	nt : Severe, Area Affe	cted : 10	0%			
	Location: Throu	ghout					
No Component	10%						D
Deck Elements							
Railing							
Fencing	85%		2025		3		В
No Component	15%						D
Coping/Curb							
Timber	15%		LIFE	* *			В
No Component	85%						D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER, PLATFORM

Address : EAST RIVER 38TH TO 41ST STS.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSP025.068 / 4110 Yr Built/Renovated :

Area Sq Ft : 36,592 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 15-Apr-2013 Landmark Status : NONE

Areas Surveyed :

Block : 970 Lot : 14 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$2,080,700	\$40,900
Total	\$2,080,700	\$40,900
Priority A Priority B	\$1,265,800 \$814,900	\$40,900
Total	\$2,080,700	\$40,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$48,900			
Total	\$48,900			
Priority A	\$19,200			
Priority B	\$29,700			
Total	\$48,900			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER, PLATFORM

Piers	Current Repair	Future Replaceme	ent	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated (FY	Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural	•					•
Deck						
Concrete	55% 2-4 \$671,700 Cracking, Extent: Moderate, Area Affect Location: Throughout Spalling, Extent: Moderate, Area Affect Location: Throughout	ed : 25%	* *	5	\$37,500	A
	Surface Wearing/Scaling, Extent: Mode Location: Throughout	rate, Area Affected : 2	25%			
Concrete	5% Now \$50,900 Exposed Reinforcement, Extent: Severe, Location: Deck Soffit	LIFE Area Affected : 50%	* *	5	\$3,400	A
	Missing Part, Extent: Severe, Area Affected Location: Holes In Deck Spalling, Extent: Severe, Area Affected Location: Deck Soffit					
Not Accessible	40%					D
Pile Caps						
Concrete	5% 4+ \$19,200 Erosion, Extent: Light, Area Affected: 5 Location: At Mlw Spalling, Extent: Light, Area Affected: 5		* *	5	\$100	A
	Location : Various Locations					
	Other Observation, Extent : Light, Area Location : Throughout	Affected : 100%				
	Explanation: Includes Beams Spannin			•		
Timber	60% 4+ \$21,200 Rotting/Splitting, Extent : Moderate, Are Location : Throughout	LIFE ea Affected : 5%	* *	4	\$172,500	A
Timber	15% Now \$105,800 Broken, Extent : Severe, Area Affected : Location : Throughout Platform	LIFE 100%	* *	4	\$43,100	A
	Missing Part, Extent : Severe, Area Affect Location : Missing Line Caps	cted : 25%				
	Rotting/Splitting, Extent : Severe, Area A Location : Cap Ends	Affected : 100%				
Not Accessible	20%					D

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER, PLATFORM

Asset #: 4110

% of Fail Date	Estimated Cost					
Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
200/		LIEE	Ψ.		¢22.200	
	ht Area Affected:		4. 4	. 2	\$23,200	Α
_		3070				
Other Observation, E	xtent : Light, Area	Affected	: 15%			
Location: Northern	Concrete Pile					
Explanation: Loose	Steel Formwork					
10% 4+	\$138,700	LIFE		4-5	\$16,400	A
			ed: 50%			
				4-5	\$16,400	A
	_		: 100%			
_						
· ·		cica . 570				
Rotting/Splitting, Exte		ffected : 1	00%			
		A CC 4 -	1.1000/			
		а Ајјестес	1: 100%			
_		terioratea	l Bracines			
						D
95% Now		2039		4	\$47,800	В
_		cted : 100)%			
		2020	Ψ,	2 4	¢2.500	D
				` 4	\$2,500	В
		111eu 11jje	ciea . 2570			
=		ea Affecte	ed : 100%			
95% Now		2039		4	\$22,100	В
		cted : 100	1%			
		2020	- de s	. 4	Φ1 2 00	
				` 4	\$1,200	В
		јјестеа . З	0/0			
60%		LIFE				В
	\$29,700			¢		В
	_	ı Affected	: 10%			
=		Affected .	10%			
		пујестеи :	10/0			
	Location: Above Mother Observation, E Location: Northern Explanation: Loose 10% 4+ Rotting/Splitting, Ext. Location: Rot At M 10% Now Location: Bracing Missing Pile, Extent: Location: Throught Rotting/Splitting, Ext. Location: Throught Explanation: Missi 60% 95% Now Missing Part, Extent Location: Throught 5% 0-2 Location: Throught Rotting/Splitting, Ext. Location: Throught Some Connections, E Location: Throught Acting/Splitting, Ext. Location: Throught 10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	Crosion, Extent: Light, Area Affected: Location: Above Mlw Other Observation, Extent: Light, Area Location: Northern Concrete Pile Explanation: Loose Steel Formwork 10% 4+ \$138,700 Rotting/Splitting, Extent: Moderate, Ar Location: Rot At Mlw And Top Of Pil 10% Now \$277,500 Loose Connections, Extent: Light, Area Location: Bracing To Pile Connection Missing Pile, Extent: Severe, Area Affe Location: Throughout Rotting/Splitting, Extent: Light, Area A Location: At Mlw Other Observation, Extent: Severe, Area Location: Throughout Explanation: Missing Or Severely De 60% 95% Now \$185,600 Missing Part, Extent: Severe, Area Affe Location: Throughout Source Connections, Extent: Moderate, Ar Location: Throughout Rotting/Splitting, Extent: Moderate, Ar Location: Throughout 95% Now \$588,500 Missing Pile, Extent: Severe, Area Affe Location: Throughout 5% 4+ \$31,000 Rotting/Splitting, Extent: Light, Area A Location: Throughout 5% 4+ \$31,000 Rotting/Splitting, Extent: Light, Area A Location: Throughout 60% 40% 2-4 \$29,700 Roose Connections, Extent: Light, Area Location: Throughout 60% A0% 2-4 \$29,700 Roose Connections, Extent: Light, Area Location: Throughout	Erosion, Extent: Light, Area Affected: 50% Location: Above Mlw Other Observation, Extent: Light, Area Affected Location: Northern Concrete Pile Explanation: Loose Steel Formwork 10% 4+ \$138,700 LIFE Rotting/Splitting, Extent: Moderate, Area Affected Location: Rot At Mlw And Top Of Pile 10% Now \$277,500 LIFE Loose Connections, Extent: Light, Area Affected Location: Bracing To Pile Connections Missing Pile, Extent: Severe, Area Affected: 5% Location: Throughout Rotting/Splitting, Extent: Light, Area Affected: 1 Location: At Mlw Other Observation, Extent: Severe, Area Affected: 1 Location: Throughout Explanation: Missing Or Severely Deteriorated 60% 95% Now \$185,600 2039 Missing Part, Extent: Severe, Area Affected: 100 Location: Throughout 5% 0-2 \$9,800 2039 Location: Throughout Rotting/Splitting, Extent: Moderate, Area Affected Location: Throughout Soliting/Splitting, Extent: Moderate, Area Affected Location: Throughout 95% Now \$588,500 2039 Missing Pile, Extent: Severe, Area Affected: 100 Location: Throughout 5% 4+ \$31,000 2039 Missing Pile, Extent: Severe, Area Affected: 5% Location: Throughout 60% LIFE Location: Throughout Cotting/Splitting, Extent: Light, Area Affected: 5% Location: Throughout 60% LIFE Location: Throughout Rotting/Splitting, Extent: Severe, Area Affected: 5% L	Erosion, Extent: Light, Area Affected: 50% Location: Above Mlw Other Observation, Extent: Light, Area Affected: 15% Location: Northern Concrete Pile Explanation: Loose Steel Formwork 10% 4+ \$138,700 LIFE Exting/Splitting, Extent: Moderate, Area Affected: 50% Location: Rot At Mlw And Top Of Pile 10% Now \$277,500 LIFE Location: Bracing To Pile Connections Alssing Pile, Extent: Severe, Area Affected: 100% Location: Throughout Exotting/Splitting, Extent: Light, Area Affected: 100% Location: At Mlw Other Observation, Extent: Severe, Area Affected: 100% Location: Throughout Explanation: Missing Or Severely Deteriorated Bracings 60% 95% Now \$185,600 2039 Alssing Part, Extent: Severe, Area Affected: 100% Location: Throughout 5% 0-2 \$9,800 2039 Location: Throughout Sotting/Splitting, Extent: Moderate, Area Affected: 25% Location: Throughout Sotting/Splitting, Extent: Moderate, Area Affected: 100% Location: Throughout 95% Now \$588,500 2039 Alssing Pile, Extent: Severe, Area Affected: 100% Location: Throughout 5% 4+ \$31,000 2039 Alssing Pile, Extent: Severe, Area Affected: 50% Location: Throughout 5% 4+ \$31,000 2039 Alssing Pile, Extent: Light, Area Affected: 50% Location: Throughout 60% LIFE 40% 2-4 \$29,700 LIFE Location: Throughout 80tting/Splitting, Extent: Light, Area Affected: 10% Location: Throughout 80tting/Splitting, Extent: Light, Area Affected: 10% Location: Throughout 80tting/Splitting, Extent: Light, Area Affected: 10% Location: Throughout 80tting/Splitting, Extent: Severe, Area Affected: 10% Location: Throughout 80tting/Splitting, Extent: Severe, Area Affected: 10% Location: Throughout 80tting/Splitting, Extent: Severe, Area Affected: 10%	Prosion, Extent: Light, Area Affected: 50% Location: Above Mlw Wher Observation, Extent: Light, Area Affected: 15% Location: Northern Concrete Pile Explanation: Loose Steel Formwork 10% 4+ \$138,700 LIFE ** 4-5 Porting/Splitting, Extent: Moderate, Area Affected: 50% Location: Rot At Mlw And Top Of Pile 10% Now \$277,500 LIFE ** 4-5 Poose Connections, Extent: Light, Area Affected: 100% Location: Bracing To Pile Connections Missing Pile, Extent: Severe, Area Affected: 5% Location: Throughout Postervation, Extent: Light, Area Affected: 100% Location: At Mlw Pother Observation, Extent: Severe, Area Affected: 100% Location: Throughout Explanation: Missing Or Severely Deteriorated Bracings 60% 95% Now \$185,600 2039 ** 4 Missing Part, Extent: Severe, Area Affected: 100% Location: Throughout Source Connections, Extent: Moderate, Area Affected: 25% Location: Throughout Poster Splitting, Extent: Moderate, Area Affected: 100% Location: Throughout Poster Now \$588,500 2039 ** 4 Missing Pile, Extent: Severe, Area Affected: 100% Location: Throughout Throughout Souting/Splitting, Extent: Moderate, Area Affected: 100% Location: Throughout Souting/Splitting, Extent: Light, Area Affected: 50% Location: Throughout Souting/Splitting, Extent: Light, Area Affected: 50% Location: Throughout Throughou	Erosion, Extent: Light, Area Affected: 50% Location: Above Mlw Other Observation, Extent: Light, Area Affected: 15% Location: Northern Concrete Pile Explanation: Loose Steel Formwork 10% 4+ \$138,700 LIFE ** 4-5 \$16,400 Rotting/Splitting, Extent: Moderate, Area Affected: 50% Location: Rot At Mlw And Top Of Pile 10% Now \$277,500 LIFE ** 4-5 \$16,400 Location: Bracing To Pile Connections dissing Pile, Extent: Severe, Area Affected: 100% Location: Throughout Rotting/Splitting, Extent: Light, Area Affected: 100% Location: At Mlw Rotting/Splitting, Extent: Light, Area Affected: 100% Location: At Mlw Dither Observation, Extent: Severe, Area Affected: 100% Location: Throughout Explanation: Missing Or Severely Deteriorated Bracings 60% 95% Now \$185,600 2039 ** 4 \$47,800 dissing Part, Extent: Severe, Area Affected: 100% Location: Throughout 5% 0-2 \$9,800 2039 ** 4 \$2,500 Location: Throughout Sotting/Splitting, Extent: Moderate, Area Affected: 25% Location: Throughout 95% Now \$588,500 2039 ** 4 \$2,500 Aissing Pile, Extent: Moderate, Area Affected: 100% Location: Throughout 95% Now \$588,500 2039 ** 4 \$2,100 Aissing Pile, Extent: Severe, Area Affected: 100% Location: Throughout 95% Now \$588,500 2039 ** 4 \$2,100 Aissing Pile, Extent: Severe, Area Affected: 50% Location: Throughout 95% Now \$588,500 2039 ** 4 \$1,200 Aissing Pile, Extent: Severe, Area Affected: 50% Location: Throughout 60% LIFE ** Location: Throughout 6

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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PILE SUPPORTED PLATFORM UNDER NICKS LOBSTER BLDG

Address : FLATBUSH AVE MILL BASIN

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR026.65A / 14148 Yr Built/Renovated :

Area Sq Ft : 5,600 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 16-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 8591 Lot : 980 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$7,600			
Total	\$7,600			
Priority A				
Priority B	\$4,500			
Priority C	\$3,100			
Total	\$7,600			



DEPT. OF SMALL BUSINESS SERV. - 801 PILE SUPPORTED PLATFORM UNDER NICKS LOBSTER BLDG

Piers	Current Repair	Future Rep	olacement	М	aintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Esti FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural		•		•		•	
Deck							
Concrete	25%	LIFE	* *	5	\$2,600	A	
	Cracking, Extent : Light, Area Affecte	ed : 5%					
	Location : Throughout Deck Soffit						
Not Accessible	75%					D	
	Other Observation, Extent : Light, Ar	ea Affected : 0%					
	Location : Approximately Half Of T	he Deck Soffit Is	Covered Wii	th Shoter	ete		
	Explanation: Shotcrete						
Deck Surface							
Asphalt	100%	2026	* *	5	\$6,200	C	
	Cracking, Extent: Moderate, Area Ag	ffected : 10%					
	Location : Throughout						
Pile Caps							
Concrete	35%	LIFE	* *	5	\$100	A	
	Spalling, Extent : Light, Area Affected : 10%						
	Location: Isolated Throughout Pile	e Caps					
Not Accessible	65%					D	
		Other Observation, Extent : Light, Area Affected : 0%					
	Location: Shotcrete Has Been Applied To Several Pile Caps						
	Explanation : Shotcrete Cover						
Piles and Bracing							
Not Accessible	100%					D	
	Other Observation, Extent: Light, Area Affected: 0%						
	Location : All Piles Have Been Enc		s Noted In Ei	ncasemen	ets.		
_	Explanation : Concrete Encasement	ts					
Fender							
Wales and Chocks	750/	2022	* *	4	¢12.400	D	
Timber	75%	2032	* *	4	\$13,400	В	
No Component	25%					D	
Deck Elements							
Railing Fencing	80%	2024		3		В	
No Component	20%	∠U∠ 4		3		Б	
No Component	∠U%0					υ	

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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PILE SUPPORTED WHARF IN FRONT OF ASSET # 16

Address : FLATBUSH AVE - MILL BASIN BET. NICKS LOBSTER & KINGS PLZ

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR026.62A / 14147 Yr Built/Renovated :

Area Sq Ft : 18,480 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 16-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 8591 Lot : 980 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$306,500	
Total	\$306,500	
Priority A	\$306,500	
Total	\$306,500	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$47,300			
Total	\$47,300			
Priority A	\$14,500			
Priority B	\$32,800			
Total	\$47,300			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PILE SUPPORTED WHARF IN FRONT OF ASSET # 16

Piers	Current Repa	air Futu	Future Replacement		Maintenance		
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural							
Deck							
Concrete	90%	LIFE	* *	5	\$31,000	A	
	Cracking, Extent: Light,	Area Affected : 10%					
	Location: Throughout						
	Spalling, Extent : Light, A						
	Location : Isolated Thr	oughout					
Not Accessible	10%					D	
Pile Caps							
Concrete	70%	LIFE	* *	5	\$900	A	
Concrete	5% 4+	\$14,500 LIFE		5	\$100	A	
	Spalling, Extent : Moderate, Area Affected : 100%						
	Location : Isolated Thr	oughout					
Not Accessible	25%					D	
Piles and Bracing							
Concrete	20% 0-2	\$306,500 LIFE	* *	5	\$11,700	A	
	Spalling, Extent: Severe,						
	Location : In Tidal Zon	e, Isolated Throughout					
Not Accessible	80%					D	
	Other Observation, Exten	ıt : Light, Area Affected	d:0%				
	Location:						
	Explanation : Encased	With Fiberglass Forms	Remaining				
Fender							
Wales and Chocks	0.051					_	
Timber	90%	2032	* *	4	\$52,700	В	
Timber	2% Now	\$3,000 2038	**	4	\$800	В	
	Rotting/Splitting, Extent		: 100%				
	Location : Isolated Thr						
Timber	8% 2-4	\$12,100 2038	* *	4	\$3,100	В	
	Rotting/Splitting, Extent: Moderate, Area Affected: 100%						
	Location : Isolated Thr	oughout					
Deck Elements							
Coping/Curb	1000/	r rese	* *			ъ	
Concrete	100%	LIFE	* *			В	

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PLATFORM AT PIERS 15, 16 PLATFORM

Address : PIERS 15, 16 EAST RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSP003.020 / 2858 Yr Built/Renovated :

Area Sq Ft : 8,550 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 26-Feb-2013 Landmark Status : NONE

Areas Surveyed :

Block : 73 Lot : 2 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$46,800	
Total	\$46,800	
Priority B	\$46,800	
Total	\$46,800	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$3,000	\$8,600		
Total	\$3,000	\$8,600		
Priority A				
Priority B	\$3,000	\$8,600		
Total	\$3,000	\$8,600		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PLATFORM AT PIERS 15, 16 PLATFORM

Piers	Cur	Current Repair		Future Replacement		Maintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Deck Concrete	50%		LIFE	* *	5	\$8,000	٨
Not Accessible	50%		LIFE		3	\$6,000	A D
Tot recession		ion, Extent : Light, Area	Affected	: 0%			Ъ
		uth Side Of Wharf	33				
	Explanation:	Light To Moderate Corn	osion Of	Stay-in-place Stee	el Formw	ork	
Deck Surface							
Under Construction	100%						D
Pile Caps	1,000/		LIDE	* *	4	¢.7.200	
Timber	100%		LIFE	* *	4	\$67,200	A
Piles and Bracing Not Accessible	100%						D
Tot recession		ion, Extent : Light, Area	Affected	: 0%			Ъ
	Location : Th		00				
	Explanation:	Piles Are Encased Or W	rapped				
Fender							
Wales and Chocks		4.000	• • • •			4000	_
Timber	5% No		2039	* *	4	\$800	В
		: Severe, Area Affected : ar South End Of Wharf	10076				
Timber	95%		2037	* *	4	\$21,600	В
	Worn, Extent:	Moderate, Area Affected	: 100%				
	Location : Typ	pical Throughout					
Piles							
Timber	10% 4	' /	2039	* *	4	\$700	В
		Moderate, Area Affected		Elavation			
TP: 1		roughout Positioned Abo		**	4	Ф1 100	
Timber	15% No	ow \$28,100 : Severe, Area Affected :	2039	<i>ት</i> ት	4	\$1,100	В
		. Severe, Area Ajjeciea . lal Zone Or At Top Coni					
Timber	40%	Lone Of the Top Conf	2033	* *	4	\$4,200	В
Timber		Light, Area Affected : 10			4	\$4,200	Б
	Location : Tid		<i>,</i> 0				
Not Accessible	35%						D
Deck Elements	3270						
Railing							
Under Construction	100%						D
Coping/Curb	4.0						_
Under Construction	100%						D

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : RED HOOK MARINE TERMINAL PIER 6

Address : ATLANTIC AVE. @EAST RIVER (BROOKLYN SOUTH)

Area Sq Ft : 232,206 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 30-Jan-2008 Landmark Status : NONE

Areas Surveyed :

Block : 245 Lot : 29 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$267,800	\$161,900
Total	\$267,800	\$161,900
Priority A Priority B	\$52,800 \$215,000	\$161,900
Total	\$267,800	\$161,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$45,200			
Total	\$45,200			
Priority A	\$12,900			
Priority B	\$32,300			
Total	\$45,200			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 RED HOOK MARINE TERMINAL PIER 6

Piers	Current Repair	Future Replacemer	nt N	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimated Co	ost Cycle (Yrs)	Estimated Cost	Priority Code
tructural Deck					
Concrete	18%	LIFE	** 5	\$77,900	A
Concrete	Cracking, Extent : Light, Area Affect Location : Isolated Throughout		3	Ψ77,500	11
Concrete	2% 4+ \$12,90 Spalling, Extent: Light, Area Affecte Location: Isolated Along Edge Of	d: 50%	* * 5 N. Side Of A	\$8,700 Apron	A
Not Accessible	80%				D
Pile Caps					
Concrete	5%	LIFE	* * 5	\$800	A
No Component	95%				D
Piles and Bracing					
Timber	9%	LIIL	* * 4-5	\$93,600	Α
Timber	1% 2-4 \$52,80		* * 4-5	\$10,400	Α
	Other Observation, Extent: Severe, A Location: Isolated Throughout	-			
NT / A '11	Explanation : Broken Concrete Ext	ension			
Not Accessible	90%				D
ender Wales and Chocks					
Timber	15% Now \$104,50 Missing Part, Extent: Severe, Area A Location: Throughout South, West Rotting/Splitting, Extent: Severe, Are Location: Throughout South, West	0 2034 Affected : 50% , And Western Part Of N. S ea Affected : 50%		\$13,500	В
Timber	65% Rotting/Splitting, Extent : Light, Area Location : Throughout Upper And A	a Affected : 50%	** 4	\$87,400	В
Not Accessible	20%				D
Piles Timber	15%	2028	** 4	\$9,300	В
	Rotting/Splitting, Extent : Light, Area Location : Isolated Throughout			. ,	
	Worn, Extent : Light, Area Affected : Location : Above Mlw Elevation, T				
Timber	10% 4+ \$110,50 Rotting/Splitting, Extent : Moderate, Location : At The North And South	Area Affected : 30%	** 4	\$4,100	В
	Other Observation, Extent : Severe, A Location : At North End Of West Fo	Area Affected : 10%			
	Explanation: Broken Bolted Conne	ection			
Not Accessible	75%				D

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : RELIEVING PLATFORM

Address : E.RIVER FROM OLD SLIP / SOUTH TO 45 FT PAST HELIPORT

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBS0025.042 / 14731 Yr Built/Renovated :

Area Sq Ft : 8,000 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 26-Feb-2013 Landmark Status : NONE

Areas Surveyed :

Block : 36 Lot : 12 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers				
Total				
Priority A				

Total



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

DEPT. OF SMALL BUSINESS SERV. - 801 RELIEVING PLATFORM

Piers	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Deck						
Concrete	50%	LIFE	* *	5	\$7,500	A
	Erosion, Extent: Moderate, A	rea Affected : 35%				
	Location : Throughout Tidal	Zone				
Not Accessible	50%					D
Piles and Bracing						
Not Accessible	100%					D
Deck Elements						
Deck Surface						
Asphalt Pavers	100%	2039	* *	5		В
Railing						
Steel	100%	2024				В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : TIMBER RELIEVING PLATFORM IN FRONT OF ASSET 1743

Address : FROM DOVER STREET TO SOUTH OF WAGNER PLACE

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DGSP025.050 / 14067 Yr Built/Renovated :

Area Sq Ft : 4,000 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 03-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : 73 Lot : 29 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$300			
Total	\$300			
Priority A				
Priority A Priority B	\$300			
Total	\$300			



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

DEPT. OF SMALL BUSINESS SERV. - 801 TIMBER RELIEVING PLATFORM IN FRONT OF ASSET 1743

Piers	Current Repair	Future Rep	lacement	M				
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Structural								
Deck								
Timber	100%	LIFE	* *	5	\$16,800	A		
	Surface Wearing/Scaling, Ext Location : Throughout	ent : Light, Area Affectea	! : 5%					
Pile Caps								
Timber	100%	LIFE	* *	4	\$31,400	A		
Piles and Bracing								
Timber	65%	LIFE	* *	4-5	\$11,600	A		
	Other Observation, Extent : Light, Area Affected : 40%							
	Location: From Station 1+3	35						
	Explanation: Concrete Foot	ting						
Not Accessible	35%					D		
Fender								
Piles								
Timber	10%	2032	* *	4	\$800	В		
	Rotting/Splitting, Extent: Mod	Rotting/Splitting, Extent: Moderate, Area Affected: 10%						
	Location : In Tidal Zone							
No Component	85%					D		
Not Accessible	5%					D		
Deck Elements								
Railing								
Steel	100%	2021				В		

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : WHARF AT STATEN ISLAND /BALLPARK AT ST. GEORGE

Address : 75 RICHMOND TERRACE

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DGS0059.000 / 13924 Yr Built/Renovated :

Area Sq Ft : 22,500 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 19-Oct-2010 Landmark Status : NONE

Areas Surveyed :

Block : 2 Lot : 20 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers		\$143,800
Total		\$143,800
Priority A		\$71,200
Priority C		\$72,600
Total		\$143,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers				
Total				_
Priority A Priority C				

Total



DEPT. OF SMALL BUSINESS SERV. - 801 WHARF AT STATEN ISLAND /BALLPARK AT ST. GEORGE

Piers		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Deck								
Concrete	55%			LIFE	* *	5	\$23,100	A
Not Accessible	45%							D
Deck Surface								
Concrete	5%			2035	* *	5	\$800	C
Stone Pavers	15%			2035	* *			C
Timber	80%			2035	* *	5	\$72,600	C
Pile Caps								
Concrete	100%			LIFE	* *	5	\$1,500	A
Piles and Bracing								
Concrete	100%			LIFE	* *	5	\$71,200	A
Deck Elements								
Railing								
Steel	100%			2021				В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : WILLIAMSBURG YACHT CLUB PIER
Address : 119-08 29TH AVENUE COLLEGE POINT

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DBSR037.020 / 13493 Yr Built/Renovated :

Area Sq Ft : 1,302 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 28-Feb-2012 Landmark Status : NONE

Areas Surveyed :

Block : 4346 Lot : 200 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers		\$235,000
Total		\$235,000
Priority B		\$235,000
Total		\$235,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$40,100	\$16,100		
Total	\$40,100	\$16,100		
Priority A	\$35,400			
Priority B	\$4,700	\$16,100		
Total	\$40,100	\$16,100		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 WILLIAMSBURG YACHT CLUB PIER

Asset #: 13493

Piers	Current Repair		Futur	e Replacement	Maintenance			
System Component Type		nil Date Es Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Deck	250/			LIDD	* *	5	¢1 000	4
Timber	35% Recent Repla Location : .		Extent : Light,	LIFE Area Affe		5	\$1,900	A
Timber	=	ring/Scaling Throughout	, Extent : Ligh	LIFE t, Area Af	* * fected : 100%	5	\$2,500	A
Not Accessible Under Construction	5% 15%							D D
Pile Caps	10,0							
Timber		ting, Extent Throughout	: Light, Area A	LIFE ffected : 2	**	4	\$7,700	A
Timber		4+ ting, Extent Isolated Thr	\$3,100 : Severe, Area coughout	LIFE Affected :	**	4	\$500	A
Timber	Rotting/Split	_	\$12,500 : Severe, Area t Bearing Loca			4	\$2,000	A
Piles and Bracing								
Timber		4+ ting, Extent Throughout	\$9,900 : Moderate, Ar	LIFE ea Affecte	* * ed : 50%	4-5	\$1,200	A
Timber	40%			LIFE	* *	4-5	\$2,300	A
Timber	Loose Conne Location: Rotting/Split Location: Other Obser Location:	2 Non-Beart ting, Extent Below Deck vation, Exte 10 Piles Bel	nt : Severe, Are ow Deck	Deck ea Affecte	ed : 25%	4-5	\$600	A
		n : Fire Dan	nage					
Not Accessible Under Construction	10% 20%							D D
Deck Elements								
Railing Steel	Location:	Throughout	\$4,700 nt : Light, Area oating Loss An					В
Timber	30% Other Obser Location:		nt : Light, Area	2017	\$16,100			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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : 23RD ST. MARINA DOCK BULKHEAD

Address : 23RD ST. MARINA

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSPR30.022 / 2583 Yr Built/Renovated :

Linear Ft : 273 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 08-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 991 Lot : 50 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$92,100	
Total	\$92,100	
Priority B	\$92,100	
Total	\$92,100	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$40,700	\$1,600		
Total	\$40,700	\$1,600		
Priority A	\$2,300			
Priority B	\$20,800	\$1,600		
Priority C	\$17,600			
Total	\$40,700	\$1,600		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 23RD ST. MARINA DOCK BULKHEAD

Asset #: 2583

Bulkheads	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Relieving Platform Top	1000/			de de			
Concrete/Stone	100%	1.00	LIFE	* *			A
	Cracking, Extent : Light Location : Throughout the Comments of			Crackina			
Coping/Curb	Location . Throughou	ii wiin Isoiaiea w	гоиетине	Cracking			
Concrete	15% 2-4	\$6,700	LIFE	* *	5		С
Concrete	Broken, Extent : Mode Location : Throughou	rate, Area Affecte			3		C
Timber	30% Now	\$8,700	LIFE	* *	5		С
	Missing Part, Extent:	Severe, Area Affe	cted : 10	0%			
	Location: 30 Ft From	n North End					
	Rotting/Splitting, Exter		Affected :	100%			
	Location : Throughou	ıt					
Timber	15% 4+	\$2,200	LIFE	* *	5		C
	Rotting/Splitting, Exter		ea Affecte	ed : 50%			
	Location: Throughou	ıt					
Timber	30%		LIFE	* *	5		С
No Component	10%						D
Piles and Bracing							
Not Accessible	100%						D
Lowlevel Pile Caps							
Timber	5% 4+	\$2,300	LIFE	* *			A
	Rotting/Splitting, Exter			ed: 75%			
	Location : At Ends O	f Transverse Pile					
Timber	5%		LIFE	* *			A
Not Accessible	90%						D
Backfill							
Fill	1000/						ъ
Not Accessible	100%						D
Surface	60%		2032	* *	5	\$1,900	В
Asphalt Concrete	40%		2032	* *	5	\$1,200	В
Fender	4070		2032			\$1,200	
Piles							
Timber	15% Now	\$7,300	2038	* *	4	\$1,000	В
	Rotting/Splitting, Exter Location : Throughou	nt : Severe, Area A		100%	·	\$1,000	J
Timber	25% 4+	\$12,200	2038	* *	4	\$1,600	В
	Broken, Extent : Mode Location : Throughou	rate, Area Affecte	d : 50%			•	
Timber	40%		2032	* *	4	\$3,900	В
Not Accessible	20%		2032		+	φ3,700	D D
THUL ACCESSIBLE	2070						υ

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.

DEPT. OF SMALL BUSINESS SERV. - 801 23RD ST. MARINA DOCK BULKHEAD

Bulkheads		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
Fender								
Wales and Chocks								
Timber	20%	4+	\$23,000	2038	* *	4	\$3,000	В
	Loose Con	nections, E	Extent : Moderate, .	Area Affe	ected : 10%			
	Location	: Through	out					
	Rotting/Sp	litting, Exte	ent : Light, Area A	ffected :	10%			
	Location	: Through	out					
Timber	60%	Now	\$69,100	2038	* *	4	\$8,900	В
	Missing Pa	art, Extent :	Severe, Area Affe	cted : 10	0%			
	Location	: Through	out					
No Component	20%							D
Deck Elements								
Railing								
Fencing	100%			2024	\$14,100	3	\$100	В
	Corrosion,	Extent: L	ight, Area Affectea	!: 10%				
	Location	: Through	out					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : 23RD ST. MARINA PKG. GARAGE BULKHEAD

Address : 23RD ST. MARINA

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSPR30.011 / 2584 Yr Built/Renovated :

Linear Ft : 107 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 08-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 991 Lot : 50 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$15,200	\$600		
Total	\$15,200	\$600		
Priority A	\$900			
Priority B	\$14,300	\$600		
Total	\$15,200	\$600		



DEPT. OF SMALL BUSINESS SERV. - 801 23RD ST. MARINA PKG. GARAGE BULKHEAD

Bulkheads	Current Repair	Future Replace	ment	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Estimate FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Relieving Platform Top						
Concrete/Stone	100%	LIFE	* *			A
	Cracking, Extent: Light, Area Affecte	d:5%				
D'I I D	Location: Throughout					
Piles and Bracing Not Accessible	100%					D
Lowlevel Pile Caps	100%					υ
Timber	5% Now \$900	LIFE	* *			A
Timber	Rotting/Splitting, Extent : Severe, Area					Λ
	Location : At Ends Of Transverse Pi					
Timber	5%	LIFE	* *			A
Not Accessible	90%	LIL				D
Backfill	5070					
Fill						
Not Accessible	100%					D
Surface						
Asphalt	40%	2032	* *	5	\$500	В
	Cracking, Extent : Light, Area Affecte	d: 10%				
	Location : Random					
Asphalt Pavers	20%	2032	* *	5	\$200	В
Concrete	40%	2032	* *	5	\$500	В
	Cracking, Extent : Light, Area Affecte	d: 10%				
	Location: Throughout					
	Spalling, Extent : Light, Area Affected	l : 10%				
	Location: Throughout					
Fender						
Piles Timber	50% Now \$9.600	2038	* *	4	\$1,300	В
i iiilbei	Broken, Extent : Severe, Area Affected			4	\$1,500	Б
	Location: Throughout	. 100/0				
	Rotting/Splitting, Extent: Severe, Area	a Affected : 25%				
	Location : Throughout					
Timber	25% 4+ \$4,800	2038	* *	4	\$600	В
1111001	Rotting/Splitting, Extent: Moderate, A			·	Ψ300	D
	Location: Throughout	. JJ				
Not Accessible	25%					D

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : 65TH STREET RAIL YARD TRANSFER BRIDGE BULKHEAD

Address : FOOT OF 66TH ST NEXT TO BAT

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR038.010 / 13484 Yr Built/Renovated :

Linear Ft : 146 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 5804 Lot : 2 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$600	\$300		
Total	\$600	\$300		
Priority A				
Priority B	\$600	\$300		
Priority C				
Total	\$600	\$300		



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

DEPT. OF SMALL BUSINESS SERV. - 801 65TH STREET RAIL YARD TRANSFER BRIDGE BULKHEAD

Bulkheads	Current Re	pair	Future Replacement		Future Replacement Maintenance		aintenance	
System Component Type	% of Fail Date E Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural								
Coping/Curb								
Timber	65%		LIFE	* *	5	\$100	C	
	Rotting/Splitting, Exten Location : Isolated Th		cted : 1	0%				
No Component	35%						D	
Sheet Piles								
Not Accessible	100%						D	
Pile Caps								
Concrete	65%		LIFE	* *	5	\$300	A	
Not Accessible	35%						D	
Backfill								
Fill								
Not Accessible	100%						D	
Surface								
Asphalt	30%		2032	* *	5	\$500	В	
	Cracking, Extent : Ligh Location : Throughou		10%					
Asphalt	5% Now	\$600	2038	* *	5		В	
1	Settlement, Extent : Sev	ere, Area Affected	: 100%					
	Location : Along Nort	h Transfer Bridge	Approa	nch				
Gravel	65%		2032	* *	2-5	\$300	В	
Deck Elements								
Railing								
Fencing	100%		2024	\$7,500	3	\$100	В	

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BATT MARI BLDG TO SS PIER 6 HELIPORT

Address : SOUTH STREET

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DBS0025.040 \, / \, 2859 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Linear Ft : 465 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 05-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2 Lot : 23 BIN :

CAPITAL

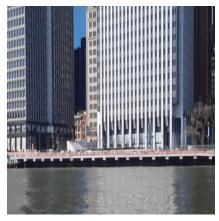
Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads				
Total				
Priority A				

Total



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.

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

DEPT. OF SMALL BUSINESS SERV. - 801 BATT MARI BLDG TO SS PIER 6 HELIPORT

Bulkheads	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Gravity Wall							
Conc w/Stone Face	65%		LIFE	* *	5	\$27,200	A
Concrete	5%		LIFE	* *	5	\$100	A
	Recent Repair Evide Location : North E	_	rea Affeo	cted : 100%			
Not Accessible	30%						D
Backfill							
Fill							
Under Construction	100%						D
Surface							
Under Construction	100%						D
Deck Elements							
Railing							
Under Construction	100%						D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BERTH 18 BULKHEAD

Address : KAY AVE. BROOKLYN NAVY YARD

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR045.022 / 13540 Yr Built/Renovated :

Linear Ft : 493 Project Type : ECONOMIC DEVELOPMENT

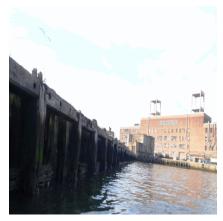
Date of Survey : 11-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$85,600	
Total	\$85,600	
Priority B	\$85,600	
Total	\$85,600	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$20,300	\$9,800	\$1,400	
Total	\$20,300	\$9,800	\$1,400	
Priority A		\$9,800		
Priority B	\$20,300		\$1,400	
Total	\$20,300	\$9,800	\$1,400	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 18 BULKHEAD

Asset #: 13540

Bulkheads	Current Repair	Future Replacement	N	laintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priorit Cod
ructural					
Pile Supported Wall	1000	2025		010 500	
Concrete	100%	2027 *	* 5	\$19,700	Α
	Other Observation, Extent: Light, Area		.4		
	Location: Erosion In The Tidal Zone Explanation: Erosion And Cracking	Ana Cracking Inrougnou	et.		
Piles and Bracing	Explanation : Erosion Ana Cracking				
Not Accessible	100%				D
Pile Caps	100/0				
Not Accessible	100%				D
ackfill					
Fill					
Not Accessible	100%				D
Surface					
Asphalt Blocks	10%	2033 *	* 5	\$600	В
	Other Observation, Extent : Light, Area				
	Location : From 45ft To 90 Ft North (Of Southern Limit Of Asse	rt		
	Explanation : Surface Wearing				
Concrete	40%	2033 *	* 5	\$2,300	В
	Cracking, Extent : Light, Area Affected	: 10%			
	Location: Throughout				
Concrete	20% 4+ \$20,300	2037 *	* 5	\$600	В
	Cracking, Extent: Moderate, Area Affe	cted : 25%			
	Location: Throughout				
	Erosion, Extent : Moderate, Area Affect	ted : 100%			
	Location: Erosion/ Scaling Througho	ut From 240 ft To 360 ft No	orth Of Sou	thern Limit Of	
	Asset				
Not Accessible	30%				D
	Other Observation, Extent : Light, Area				
	Location: Under Building At Souther		r Vegetatio	on For25 Percent	
	Of Remaining Surface, North Of Build	ling			
ender	Explanation : Not Accessible				
Piles					
Timber	50% Now \$44,000	2039 *	* 4	\$5,900	В
Timoci	Broken, Extent : Severe, Area Affected :		-	Ψ5,700	Ь
	Location: Broken/Missing Througho				
Not Accessible	50%				D
Wales and Chocks	3070				D
Timber	100% Now \$41,600	2039 *	* 4	\$26,700	В
THIUCI	Broken, Extent : Severe, Area Affected :	2039	4	φ20,700	Б
	Location: Throughout Length Of Bulk				
	Rotting/Splitting, Extent : Severe, Area				

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

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BERTH 14A BULKHEAD

Address : FOOT OF PIER G TO PIER J BROOKLYN NAVY YARD

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR045.040 / 13525 Yr Built/Renovated :

Linear Ft : 450 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$41,100		\$2,400	
Total	\$41,100		\$2,400	
Priority A	\$15,700			
Priority B	\$1,900		\$2,400	
Priority C	\$23,400			
Total	\$41,100		\$2,400	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 14A BULKHEAD

Asset #: 13525

Bulkheads	Current Repair	Future Replacement	Maintenan	се				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estima (Yrs)	ted Cost Priori				
Structural								
Coping/Curb	950/ 4	TIEE **	5	\$200				
Timber	85% 4+ \$20,400 Excess Deflections, Extent : Moderate,	LIIL	5	\$200 C				
	Location : Throughout	Area Affectea . 100%						
	Other Observation, Extent: Moderate,	Area Affected : 100%						
	Location: Throughout	Theat typected (1907)						
	Explanation: Rotated							
Timber	5% 4+ \$100	LIFE **	5	С				
1 mieer	Missing Bolts, Extent : Severe, Area Aj		3	C				
	Location : Timber Not Connected 19.	=						
Timber	10% Now \$2,900	LIFE **	5	С				
Timeer	Missing Part, Extent : Severe, Area Afj		3	C				
	Location : Northern 58 Ft; 43 Ft Len		orth					
Sheet Piles								
Steel	5% 4+ \$6,400	LIFE **		Α				
	Missing Part, Extent : Light, Area Affe	cted : 10%						
	Location: Missing Bolts W/Fill Loss	s At Holes 194 Ft, 238 Ft, 25	4 FtAnd 283 Ft Fr	rom				
	North	A ACC . 1 100/						
	Other Observation, Extent: Moderate,	Area Affected: 10%						
	Location: 288 Ft From North		E:11 E 1					
G. 1	Explanation: Top Of Sheets Not Emb							
Steel	50%	LIFE		Α				
	Corrosion, Extent : Light, Area Affecte Location : Isolated In Tidal Zone	2a: 2%						
Not Accessible	45%			D				
Pile Caps	4370			D				
Concrete	95%	LIFE **	5	\$1,300 A				
Concrete	Cracking, Extent : Light, Area Affected		3	Ψ1,500				
	Location: Throughout							
	Spalling, Extent : Light, Area Affected	: 5%						
	Location : Isolated Small Spalls At B							
Concrete	5% 4+ \$9,400	LIFE **	5	\$100 A				
	Spalling, Extent : Moderate, Area Affe		-	T				
		Location: 143 Ft, 188 Ft, 225 Ft, And 266 Ft (At Outfall) From The North						
	Other Observation, Extent : Light, Are	a Affected : 50%						
	Location: 207 Ft From North							
	Explanation: Delamination							
Backfill								
Fill Not Accessible	100%			D				
Surface	10070			ъ				
Asphalt	95%	2033 **	5	\$4,900 B				
Asphalt	5% 4+ \$1,900	2039 **		\$100 B				
<u>-</u>	Cracking, Extent: Moderate, Area Affa	ected : 30%						
	Location: Isolated Throughout And	225 Ft From North (At Out	fall)					
	Settlement, Extent : Light, Area Affecte							
	Location: 285 Ft And 440 Ft From 1	North						

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 14A BULKHEAD

Asset #: 13525

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BERTH 1A BULKHEAD

Address : FRONT AVE. WEST OF PIER C BROOKLYN NAVY YARD

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DBSR045.170 / 13538 Yr Built/Renovated :

Linear Ft : 136 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 14-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads		\$700		\$100
Total		\$700		\$100
Priority B Priority C		\$700		\$100
Total		\$700		\$100



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

DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 1A BULKHEAD

Bulkheads	Current Repair	Future Replace	ement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Coping/Curb						
Timber	90%	LIFE	* *	5	\$100	C
	Other Observation, Extent : Sev	ere, Area Affected : 100%				
	Location : Throughout					
	Explanation: Missing					
No Component	10%					D
Sheet Piles						
Steel	90%	LIFE	* *			A
	Missing Coating, Extent: Light,	Area Affected : 10%				
	Location : Isolated Throughou	t				
Not Accessible	10%					D
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Asphalt	90%	2037	* *	5	\$1,400	В
Concrete	10%	2039	* *	5	\$200	В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BERTH 20A & 20B BULKHEAD
Address : KAY AVE. BROOKLYN NAVY YARD

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR045.021 / 13539 Yr Built/Renovated :

Linear Ft : 875 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 11-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$66,700	\$13,000		\$1,200
Total	\$66,700	\$13,000		\$1,200
Priority A	\$33,800	\$12,200		
Priority B	\$18,900	\$800		\$1,200
Priority C	\$14,000			
Total	\$66,700	\$13,000		\$1,200



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

DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 20A & 20B BULKHEAD

Asset #: 13539

Bulkheads	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Coping/Curb	0.704		de de	_	4100	a
Timber	25% Now \$14,000		* *	5	\$100	C
	Other Observation, Extent : Severe, An Location : Western 196 Ft Of Asset	rea Affectea : 100%)			
	Explanation: Missing					
No Component	75%					D
No Component	73%					D
Pile Supported Wall Concrete	70%	2037	* *	5	\$24,500	A
Concrete	20% 4+ \$33,800		* *	5	\$3,500	A
Concrete	Other Observation, Extent : Light, Are			3	Ψ3,300	Α
	Location : Erosion In Tidal Zone An		hout In W	estern 17	9ft Of Asset	
	Explanation: Erosion And Cracking				<i>y</i>	
Not Accessible	10%					D
Piles and Bracing	1070					
Not Accessible	100%					D
Pile Caps						
Not Accessible	100%					D
Backfill						
Fill						
No Component	5%					D
	Other Observation, Extent: Light, Are	ea Affected : 0%				
	Location : 778 Ft From West					
	Explanation : Transfer Bridge					
Not Accessible	95%					D
Surface				_		_
Asphalt	20%	2039	* *	5	\$2,000	В
	Cracking, Extent: Light, Area Affected	d: 20%				
	Location: Western 160 Ft Of Asset					
Sand	75%	2037	* *	2-5	\$2,000	В
No Component	5%	1.00/				D
	Other Observation, Extent: Light, Are					
	Location: 778 Ft From West End Of	Assei				
Fender	Explanation : Transfer Bridge					
Piles						
Timber	5% Now \$7,800	2039	* *	4	\$1,000	В
	Broken, Extent : Severe, Area Affected				+-,	
	Location : At East End Of Asset					
No Component	95%					D
Wales and Chocks	2010					
Timber	5% Now \$11,100	2039	* *	4	\$2,400	В
	Broken, Extent : Severe, Area Affected				. ,	
	Location : At East End Of Asset					
No Component	95%					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.

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BERTH 20C BARGE BASIN BULKHEAD

Address : EAST OF JAY AVE. BROOKLYN NAVY YARD

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR045.010 / 13522 Yr Built/Renovated :

Linear Ft : 2,160 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$782,800	
Total	\$782,800	
Priority A	\$417,800	
Priority B	\$242,100	
Priority C	\$122,900	
Total	\$782,800	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$3,700	\$2,100	\$41,500	\$100
Total	\$3,700	\$2,100	\$41,500	\$100
Priority A			\$33,600	
Priority B	\$3,700	\$2,100	\$7,900	\$100
Priority C				
Total	\$3,700	\$2,100	\$41,500	\$100



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

DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 20C BARGE BASIN BULKHEAD

Bulkheads	Current Repair	Future Replacement	ure Replacement M		
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Coping/Curb					
Concrete	30% Now \$105,400		5	\$600	C
	Broken, Extent: Severe, Area Affected	<i>l</i> : 30%			
	Location: Throughout Barge Basin	ACC . 1 COO/			
	Other Observation, Extent : Severe, A				
	Location: Throughout North Side O	f Barge Basın			
_	Explanation: Missing			4=00	
Concrete	35%	LIFE **	5	\$700	C
Concrete	5% 4+ \$17,600		5	\$100	C
	Spalling, Extent : Moderate, Area Affe	ected : 25%			
	Location : Throughout Asset				
No Component	30%				D
Pile Supported Wall	0004	2022	_	40.500	
Concrete	20% 4+ \$417,800		5	\$8,600	A
	Erosion, Extent : Moderate, Area Affe				
	Location: Along Bottom Edge Of Wall				
	Exposed Reinforcement, Extent : Mod	erate, Area Affected : 25%			
	Location: Throughout	. 1 250/			
	Spalling, Extent : Moderate, Area Affe	ectea : 25%			
	Location : Throughout				
Concrete	78%	2033 **	5	\$67,300	A
	Erosion, Extent : Moderate, Area Affe	cted : 20%			
	Location: At Cj's				
	Spalling, Extent : Moderate, Area Affe				
	Location: Isolated At Top Of Wall A	=			
	Other Observation, Extent : Moderate		7		
	Location: Scaling In Tidal Zone, An		Zone		
	Explanation : Scaling And Effloresco	ence			
No Component	2%	1.00/			D
	Other Observation, Extent : Light, Are	==	A.E.E	G d	
	Location: 40 Ft Length Along North	i Wali Of Basin, Starting 199	4 Ft Froi	n Southwest	
D'1 1 D '	Explanation : At Outfall				
Piles and Bracing	1000/				D
Not Accessible	100%				D
Backfill					
Fill Gravel	1% Now \$1,800	2039 **	5		В
Giavei	Sinkhole, Extent : Severe, Area Affecte		3		D
	Location: At Northern End Of North				
Not A:1-1-		. 200000 110000			D
Not Accessible	99%				D

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 20C BARGE BASIN BULKHEAD

	Current F	Repair	Futur	e Replacement	M	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
					5	\$14,500	В
		_		ected : 60%			
		_					
-	_	-	, Area Aj	ffected : 40%			
			2030	* *	5	\$100	В
-,-		' /			3	Ψ100	Ь
				wall			
5%			2033	* *	5	\$1,200	В
9%			2037	* *	5	\$2,200	В
20%			2022	\$22,100	5	\$2,000	В
6%							D
250/	NT.	¢0.< 400	2020	* *	4	¢12.000	D
/-		1 ,		* *	4	\$12,900	В
	i . South W	an Of Barge Basin					
							D
15%							D
400/	N.T.	¢1.45.700	2020	* *	4	Φ46 000	ъ
		,		* *	4	\$46,900	В
-	. South W	an of Barge Basin					D
00%							ע
35%			2028	* *	3	\$400	В
			2020		3	Ψ+00	D
	Total 59% Recent Replacement	59% Recent Replace Evide Location: Three See Surface Wearing/Scat Location: Through 1% Now Broken, Extent: Seve Location: Northern 5% 9% 20% 6% 25% Now Broken, Extent: Seve Location: South W 60% 15% 40% Now Broken, Extent: Seve Location: South W 60% 35%	59% Recent Replace Evident, Extent: Light, Location: Three Sections Totalling 86 Surface Wearing/Scaling, Extent: Light Location: Throughout 1% Now \$1,800 Broken, Extent: Severe, Area Affected: Location: Northern End Of North Bar 5% 9% 20% 6% 25% Now \$96,400 Broken, Extent: Severe, Area Affected: Location: South Wall Of Barge Basin 60% 15% 40% Now \$145,700 Broken, Extent: Severe, Area Affected: Location: South Wall Of Barge Basin 60% 15% 40% Now \$145,700 Broken, Extent: Severe, Area Affected: Location: South Wall Of Barge Basin 60%	59% 2033 Recent Replace Evident, Extent: Light, Area Aff Location: Three Sections Totalling 860 Feet Surface Wearing/Scaling, Extent: Light, Area Aff Location: Throughout 1% Now \$1,800 2039 Broken, Extent: Severe, Area Affected: 100% Location: Northern End Of North Barge Basin 5% 2033 9% 2037 20% 2022 6% 25% Now \$96,400 2039 Broken, Extent: Severe, Area Affected: 50% Location: South Wall Of Barge Basin 60% 15% 40% Now \$145,700 2039 Broken, Extent: Severe, Area Affected: 100% Location: South Wall Of Barge Basin 60% Location: South Wall Of Barge Basin 60% 40% Now \$145,700 2039 Broken, Extent: Severe, Area Affected: 100% Location: South Wall Of Barge Basin 60%	Soft	% of Total Total Estimated Cost Year Estimated Cost Cycle (Yrs)	% of Fail Date Estimated Cost Total

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BERTH 3A BULKHEAD

Linear Ft : 350 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 14-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$14,300			
Total	\$14,300			
Priority A				
Priority B	\$13,300			
Priority C	\$900			
Total	\$14.300			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 3A BULKHEAD

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Coping/Curb								
Timber	5%	4+	\$900	LIFE	* *	5		C
	-		Extent : Moderate,					
	Location	: Impacted	l Damage 275 Fee	et From V	Vest			
Timber	93%			LIFE	* *	5	\$200	С
No Component	2%							D
Gravity Wall								
Concrete	35%			LIFE	* *	5	\$500	A
Not Accessible	65%							D
Backfill								
Fill								
Topsoil	10%	4+	\$2,900	2059	* *			В
			Extent : Moderate, A					
			Jp Concrete Expos	ing Topse	oil			
	Explana	tion : Expo	sed Topsoil					
Not Accessible	90%							D
Surface								
Asphalt	30%	4+	\$900	2033	* *	5	\$600	В
			oderate, Area Affec		%			
			e Cracking Throug	-				
			ight, Area Affected	l : 10%				
	Location	: Through	out					
Concrete	60%	4+	\$7,200	2033	* *	5	\$1,200	В
			oderate, Area Affec	cted : 75%	%			
		: Through						
			ight, Area Affected	l : 75%				
	Location	: Through	out Near Wall					
Concrete	10%	Now	\$2,400	2033	* *	5	\$200	В
	Broken, E.	xtent : Moa	lerate, Area Affecte	ed: 40%				
	Location	: 124 Feet	To 184 From Wes	st				

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BERTH 6 BULKHEAD

Address : BETWEEN DRY DOCKS 1 & 4 BROOKLYN NAVY YARD

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR045.130 / 13534 Yr Built/Renovated :

Linear Ft : 395 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$148,200	
Total	\$148,200	
Priority A	\$53,500	
Priority B	\$94,600	
Total	\$148,200	

Total	\$23,100	\$200	\$2,000	
Priority B	\$23,100	\$200	\$900	
Priority A			\$1,100	
Total	\$23,100	\$200	\$2,000	
Bulkheads	\$23,100	\$200	\$2,000	
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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.

DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 6 BULKHEAD

Asset #: 13534

Bulkheads	Current Repair	Future Replacement	N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Pile Supported Wall	100/ 2.4 052.500	i iee	· -	Φ2 2 00	
Conc w/Stone Face	10% 2-4 \$53,500 Other Observation, Extent : Severe, Ar	LIFE *	* 5	\$3,200	A
	Location: 274 Ft To 394 Ft From Di		e		
	Explanation: Loss Of Stone Facing/			Cracking	
No Component	70%	<u> </u>			D
Not Accessible	20%				D
Sheet Piles					
Steel	30%	LIFE *	*		Α
	Corrosion, Extent : Light, Area Affecte	d:5%			
	Location : Isolated In Tidal Zone				
No Component	30%				D
Not Accessible	40%				D
Pile Caps Steel	70%	2028 *	* 5	\$2,200	A
No Component	30%	2020	3	Ψ2,200	D
Backfill					
Fill					
Not Accessible	100%				D
Surface	700/ N	2020	. ~	Φ1 (00	ъ
Concrete	70% Now \$94,600	2039 *	* 5	\$1,600	В
	Cracking, Extent: Severe, Area Affecte Location: Large Cracks Throughout				
	Settlement, Extent: Severe, Area Affect				
	Location : Throughout				
Not Accessible	30%				D
	Other Observation, Extent : Light, Area	a Affected : 0%			
	Location: Adjacent To Dry Dock #1				
	Explanation: Building And Access R	атр			
Fender					
Piles Timber	15% Now \$10,600	2039 *	* 4	\$1,400	В
Timber	Other Observation, Extent: Severe, Ar	2039	4	\$1,400	Б
	Location : Adjacent To Dry Dock #1	early, ecrea : 100,0			
	Explanation: Broken/ Missing				
No Component	85%				D
Wales and Chocks					
Steel	15%	2033 *	* 3-5	\$2,900	В
	Corrosion, Extent : Light, Area Affecte				
	Location: Throughout Steel Fender I				
Timber	15% Now \$12,500	2039 *	* 4	\$3,200	В
	Other Observation, Extent: Severe, Ar	ea Affected : 70%			
	Location : Adjacent To Dry Dock #1 Explanation : Broken/ Missing				
No Component	70%				D
No Component	7 0 70				ע

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

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BERTHS 10 AND 10A PIER

Address : EAST SIDE OF DRY DOCK 6 BROOKLYN NAVY YARD

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR045.070 / 13528 Yr Built/Renovated :

Linear Ft : 518 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 28-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$263,400	
Total	\$263,400	
Priority B	\$263,400	
Total	\$263,400	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$55,900		\$9,600	
Total	\$55,900		\$9,600	
Priority A	\$25,000		\$9,300	
Priority B	\$4,300		\$300	
Priority C	\$26,600			
Total	\$55,900		\$9,600	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BERTHS 10 AND 10A PIER

Asset #: 13528

Bulkheads	Current Repair	Future Replaceme	ent	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimated (FY	Cost Cycl (Yrs	le Estimated Cost	Priority Code
Structural					
Coping/Curb Timber	80% Now \$26,60 Other Observation, Extent : Severe, A Location : Throughout		** 5	\$200	С
	Explanation: Missing/Broken				
No Component	20% Other Observation, Extent : Light, An Location : At Berth 10a Explanation : No Timber Curb	rea Affected : 0%			D
Pile Supported Wall	•				
Concrete	90% Cracking, Extent: Light, Area Affect Location: Throughout		** 5	\$18,600	A
	Spalling, Extent : Light, Area Affecte Location : Throughout	d: 10%			
Concrete	10% 4+ \$25,00 Erosion, Extent: Moderate, Area Aff Location: Throughout Spalling, Extent: Moderate, Area Aff Location: Throughout	ected : 30%	** 5	\$1,000	A
Piles and Bracing Not Accessible	100%				D
Pile Caps Not Accessible	100%				D
ackfill					
Fill Gravel	10% Now \$4,30 Sinkhole, Extent: Severe, Area Affect Location: At Stations 3+64, 4+06, 10a	ted : 100%	** 5 8. With Stat	ion 0+00 At Berth	В
Not Accessible	90%				D
Surface					
Asphalt	80% 4+ \$35,50 Cracking, Extent: Moderate, Area A Location: Throughout Settlement, Extent: Moderate, Area A Location: Throughout	ffected : 75%	** 5	\$2,400	В
Asphalt	10% Now \$4,40 Sinkhole, Extent : Moderate, Area Af Location : See List Of Locations In	fected : 100%	** 5	\$300	В
Concrete	10%	2033	** 5	\$600	В
Fender Piles	1000/ N	0 2020	** 4	Φ1 Q 400	D
Timber	100% Now \$92,50 Other Observation, Extent: Severe, A Location: Throughout Explanation: Missing/Broken		** 4	\$12,400	В

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BERTHS 10 AND 10A PIER

Bulkheads	Cui	rrent Repair	Future R	Replacement	M	aintenance	
System Component Type		Date Estimated Cost ears)	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender							
Wales and Chocks							
Timber	100% No	ow \$131,000	2039	* *	4	\$28,100	В
	Other Observa	tion, Extent : Severe, Are	a Affected :	100%			
	Location: Th	roughout					
	Explanation:	: Missing/Broken					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BERTHS 11 AND 12 / BULKHEAD AND BOATSHED

Address : NW SIDE OF HAMMERHEAD AVE. BROOKLYN NAVY YARD
Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR045.060 / 13527 Yr Built/Renovated :

Linear Ft : 990 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$301,900	
Total	\$301,900	
Priority A	\$301,900	
Total	\$301,900	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$57,800	\$20,000	\$18,700	
Total	\$57,800	\$20,000	\$18,700	
Priority A			\$13,800	
Priority B	\$57,800	\$20,000	\$4,900	
Priority C				
Total	\$57,800	\$20,000	\$18,700	



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.

DEPT. OF SMALL BUSINESS SERV. - 801 BERTHS 11 AND 12 / BULKHEAD AND BOATSHED

Bulkheads	Current Repair	Future Replacement	. IV	laintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Co FY	st Cycle (Yrs)	Estimated Cost	Priority Code
Structural	•				
Coping/Curb					
Concrete	30%	LILL	* 5	\$300	C
	Cracking, Extent : Light, Area Affecte	d : 15%			
	Location: West End Of Asset				
Timber	45%	LIFE *	* 5	\$200	С
No Component	25%				D
_	Other Observation, Extent : Light, Are	ea Affected : 0%			
	Location:				
	Explanation : At Boatshed And At Ti	ravel Lift			
Pile Supported Wall					
Conc w/Stone Face	5% 4+ \$33,500	LIFE *	* 5	\$4,000	A
	Other Observation, Extent : Moderate	, Area Affected : 25%			
	Location: Starting 523 Ft From Eas	t And Extending 242 Ft Be	tween Ston	e And Concrete	
	Course At Top Of Wall And At Isola	ted Joints			
	Explanation: Mortar Loss				
Conc w/Stone Face	20% 4+ \$268,400	LIFE *	* 5	\$15,900	A
	Cracking, Extent : Moderate, Area Aff	fected : 20%			
	Location: At Isolated Areas				
	Erosion, Extent : Severe, Area Affecte	d: 20%			
	Location : In Tidal Zone 702 Ft And	918 Ft From East			
	Other Observation, Extent : Light, Are	ea Affected : 20%			
	Location : In Tidal Zone				
	Explanation : Scaling				
Concrete	70%	2033 *	* 5	\$27,700	A
30.10100	Erosion, Extent : Light, Area Affected			Ψ=7,700	
	Location : In Tidal Zone At Eastern		't		
	Spalling, Extent : Light, Area Affected	1: 25%			
	Location : Closed Spall In Face Of V				
Not Accessible	5%				D
Not Accessible	Other Observation, Extent : Light, Are	an Affactad · 00%			D
	Location:	ги Ајјестей . 070			
		D. N. V. Dogta			
D1 C11	Explanation : Not Visible Behind F.	D. N. I. Doais			
Backfill Fill					
Gravel	5% Now \$4,100	2039 *	* 5		В
Graver	Sinkhole, Extent : Severe, Area Affecte	2039	. 3		D
	Location: Eastern 50 Ft; 75 Ft From		ast		
			usi		
	Other Observation, Extent: Severe, A.	00	ast		
	Location: Eastern 50 Ft; 75 Ft From	n Eust Ana 154 Ft From E	usi		
NT . A	Explanation : Settlement				Б.
Not Accessible	95%				D

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

DEPT. OF SMALL BUSINESS SERV. - 801 BERTHS 11 AND 12 / BULKHEAD AND BOATSHED

Bulkheads	Current Repair	Future Replacement	IV	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill					
Surface					
Asphalt	70%	2033 *	* 5	\$7,900	В
	Cracking, Extent : Light, Area Affected Location : Isolated Locations Starting		xtending 6	08 Ft In Length	
Asphalt	10% Now \$8,500 Settlement, Extent: Severe, Area Affect Location: At Boatshed Sinkhole, Extent: Severe, Area Affected Location: At Boatshed And Bulkhead	d : 30%	* 5	\$600	В
Concrete	15% 4+ \$2,500 Cracking, Extent: Moderate, Area Affe Location: Throughout Western 217 F Spalling, Extent: Moderate, Area Affec Location: Throughout Western 217 F	7t cted : 50%	* 5	\$800	В
Concrete	5% Recent Replace Evident, Extent: Light, Location: Offshore Edge Of Wharf St Length		3	\$600 ling 85 Ft In	В
Fender Buffer					
Rubber	10%	2033 *	* 4-5	\$3,000	В
	Surface Wearing/Scaling, Extent : Ligh Location : Floating Composite Fende And 845 Ft From East	. 55	loating Ti	re Fender 433 Ft	
No Component	90%				D
Piles					
Timber	50%	2037 *	* 4	\$17,800	В
Timber	10% Now \$17,700 Broken, Extent : Severe, Area Affected Location : Eastern Leg North Northw		* 4	\$2,400	В
No Component	40%				D
Wales and Chocks					
Timber	10% Now \$25,000 Rotting/Splitting, Extent : Severe, Area Location : East End Of Asset North O		* 4	\$5,400	В
Timber	50%	2037 *	* 4	\$40,300	В
	30%	2037	4	Ψ+0,500	D

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BERTHS 7 AND 7A BULKHEAD

Address : BETWEEN DRY DOCKS 2 & 3 BROOKLYN NAVY YARD

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DBSR045.110 / 13532 Yr Built/Renovated :

Linear Ft : 383 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

Total	\$47,900	\$1,700	\$1,300	
Priority C				
Priority B	\$26,200	\$1,700		
Priority A	\$21,600		\$1,300	
Total	\$47,900	\$1,700	\$1,300	
Bulkheads	\$47,900	\$1,700	\$1,300	
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

DEPT. OF SMALL BUSINESS SERV. - 801 BERTHS 7 AND 7A BULKHEAD

Priority Code
C
D
A
A
D
A
D
D
В
В
В
D

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BERTHS 9 AND 9A PERIMETER WALL PILE SUPPORTED WALL AROUND PIER

Address : BETWEEN DRY DOCKS 5 & 6 BROOKLYN NAVY YARD

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR045.080 / 13529 Yr Built/Renovated :

Linear Ft : 475 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$210,900	
Total	\$210,900	
Priority A	\$45,900	
Priority B	\$164,900	
Total	\$210,900	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$67,700	\$8,500		
Total	\$67,700	\$8,500		
Priority A		\$8,500		
Priority B	\$44,600			
Priority C	\$23,200			
Total	\$67,700	\$8,500		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BERTHS 9 AND 9A PERIMETER WALL PILE SUPPORTED WALL AROUND PIER

Asset #: 13529

Bulkheads	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
Structural				
Coping/Curb				
Concrete	25%	LIFE **	3 \$100	C
Concrete	25% Now \$23,200	LIFE **	5 \$100	C
	Broken, Extent : Severe, Area Affected Location : Throughout	: 100%		
No Component	50%			D
Pile Supported Wall				
Concrete	90%	2027 **	5 \$17,100	Α
	Other Observation, Extent : Light, Are	a Affected : 10%		
	Location : Throughout			
	Explanation: Cracking And Spalling			
Concrete	10% 4+ \$45,900		5 \$900	A
	Other Observation, Extent : Moderate,			
	Location: Isolated Throughout Tidal	l Zone And Above Mlw. Spal	ll Located 300 ft From Dry	
	Dock #6 Explanation: Erosion And Spalling			
Piles and Bracing	Explanation . Erosion Ana Spatting			
Not Accessible	100%			D
Pile Caps	100/0			<i>D</i>
Not Accessible	100%			D
Backfill	100/0			
Fill				
Gravel	10% Now \$3,900	2039 **	5	В
	Other Observation, Extent : Severe, Ar	rea Affected : 100%		
	Location : At Southwest Corner Of B			
	Explanation : Fill Loss And Sinkhole	S		
Not Accessible	90%			D
Surface	3474			
Asphalt	60% Now \$14,600	2033 **	5 \$1,600	В
1	Settlement, Extent : Moderate, Area Af		. ,	
	Location : Throughout	•		
	Sinkhole, Extent : Severe, Area Affecte	d: 10%		
	Location : 76ft To 169ft, At 213ft, 31.	5ft, And 353ft To 362ft Fron	n Dry Dock #6	
Concrete	40% Now \$26,000	2037 **	5 \$1,100	В
201101010	Cracking, Extent : Light, Area Affected		ψ1,100	
	Location : Between 289ft And 420ft I			
	Settlement, Extent : Light, Area Affecte			
	Location : Isolated Throughout			
Fender				
Piles				
Timber	100% Now \$84,800	2039 **	4 \$11,400	В
	Broken, Extent : Severe, Area Affected	: 100%		
	Location: Throughout			
	Missing Part, Extent : Severe, Area Afj	fected : 100%		
	Location : Entire Location			

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

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BERTHS 9 AND 9A PERIMETER WALL PILE SUPPORTED WALL AROUND PIER

Bulkheads		Current Rep	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender								
Wales and Chocks								
Timber	100%	Now	\$80,100	2039	* *	4	\$25,800	В
	Missing Po	art, Extent : S	evere, Area Affe	cted : 10	0%			
	Location	: Throughou	t					
	Rotting/Sp	Rotting/Splitting, Extent : Severe, Area Affected : 100%						
	Location	: Entire Loca	ation					

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BROOKLYN WHOLESALE MEAT MARKET REVETMENT

Address : 1ST AVE. BET. 54TH & 57TH STS.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0026.030 / 1739 Yr Built/Renovated :

Linear Ft : 1,307 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 29-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 819 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$40,400
Total		\$40,400
Priority B		\$40,400
Total		\$40,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$32,200	\$7,500	\$100	
Total	\$32,200	\$7,500	\$100	
Priority B		\$7,500	\$100	
Priority C	\$32,200			
Total	\$32,200	\$7,500	\$100	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BROOKLYN WHOLESALE MEAT MARKET REVETMENT

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Coping/Curb								
Concrete	95%			LIFE	* *	5	\$1,200	C
Concrete	5%	Now	\$21,300	LIFE	* *	5	\$100	C
	Broken, Ex	xtent : Seve	re, Area Affected :	100%				
	Location	: Vehicle	Damage					
Revetment								
Stone	98%			LIFE	* *	5	\$7,700	C
Stone	2%	0-2	\$10,900	LIFE	* *	5	\$200	C
	Missing Pa	art, Extent	: Severe, Area Affe	cted : 10	0%			
	Location	: Geotexti	le Filter Fabric Ex	posed At	Sta. 1+25 And 4+	00		
Backfill								
Surface								
Asphalt	100%			2032	* *	5	\$14,900	В
Deck Elements								
Railing								
Fencing	60%			2024	\$40,400	3	\$300	В
No Component	40%							D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD

Address : ROBERT F. WAGNER PLACE PECK SLIP TO ROBERT WAGNER PLACE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSP025.044 / 1743 Yr Built/Renovated :

Linear Ft : 957 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 03-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : 73 Lot : 29 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$694,700
Total		\$694,700
Priority B		\$694,700
Total		\$694,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$45,000	\$5,300		
Total	\$45,000	\$5,300		
Priority A				
Priority B	\$45,000	\$5,300		
Priority C				
Total	\$45,000	\$5,300		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD

Bulkheads	Cur	rent Repair	Future	Future Replacement Maintenance		aintenance	
System Component Type		Date Estimated Cost ars)	Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Coping/Curb							
Concrete	100%		LIFE	* *	5	\$900	C
	_	nt : Light, Area Affected	: 5%				
	Location : Thi	roughout					
Gravity Wall	000/		LIDE	* *	~	ф2. 7 00	
Concrete	90%		LIFE	* *	5	\$3,500	A
Not Accessible	10%						D
Revetment Stone	60%		LIFE	* *	5	\$3,400	С
No Component	40%		LIFE		3	\$5,400	D
Backfill	40%						<u> </u>
Fill							
Not Accessible	100%						D
Surface							
Asphalt	2%		2032	* *	5	\$200	В
Asphalt Pavers	95%		2032	* *	5	\$10,400	В
Asphalt Pavers	1% No	w \$2,800	2032	* *	5	\$100	В
		ion, Extent : Moderate, tions 2+00, 2+31, And					
	Explanation:	Missing Pavers Around	l Planters				
Topsoil	2%		2021	\$1,000	5	\$100	В
Fender Piles							
Timber	65%		2032	* *	4	\$22,300	В
Timoci		g, Extent : Moderate, Ar Tidal Zone		: 10%	•	Ψ22,300	Б
	Worn, Extent : I	Light, Area Affected : 59	%				
	Location: 17	Each 6-pile Clusters In	Front Of B	ulkhead.			
No Component	25%						D
Not Accessible	10%						D
Deck Elements							
Railing							
Steel	40%		2021	\$347,400			В
Steel	40% 4-	' '	2021	\$347,400			В
		nt : Light, Area Affected					
		tions 0+00 To 4+00 Fo	rm South				
No Component	20%						D

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD

Address : ROBERT F. WAGNER PLACE ROBERT F. WAGNER PLACE TO MARKET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSP025.045 / 1744 Yr Built/Renovated :

Linear Ft : 1,410 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 03-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : 240 Lot : 6 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$427,300	\$1,315,300
Total	\$427,300	\$1,315,300
Priority A Priority B	\$427,300	\$35,900 \$1,279,500
Total	\$427,300	\$1,315,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$52,700	\$8,000		
Total	\$52,700	\$8,000		
Priority A	\$33,500			
Priority B	\$19,200	\$8,000		
Priority C				
Total	\$52,700	\$8,000		



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.

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD

Asset #: 1744

Bulkheads	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Coping/Curb	1000/	T TEE	ماد ماد	~	ф1 2 00	<i>a</i>
Concrete	100% Cracking, Extent : Light, Area Affed Location : Throughout	LIFE cted : 5%	**	5	\$1,300	С
Gravity Wall						
Concrete	35% 4+ \$188,7 Cracking, Extent: Moderate, Area Location: Throughout Erosion, Extent: Light, Area Affect Location: Throughout	Affected : 2%	* *	5	\$2,000	A
G.		00 LIEE	* *		Φ.ς. 0.0.0	
Stone	5% 4+ \$33,5 Cracking, Extent: Moderate, Area Location: Throughout Erosion, Extent: Light, Area Affect Location: Throughout	Affected : 2%	**	5	\$6,000	A
Stone	25%	LIFE	* *	5	\$29,900	A
No Component	35%			C	Ψ=>,>00	D
Pile Supported Wall Concrete	35% 4+ \$238,6 Other Observation, Extent: Modera Location: Throughout		* * ted : 25%	5	\$9,900	A
	Explanation: Erosion And Crack	ing				
No Component	65%					D
Piles and Bracing						
No Component	65%					D
Not Accessible	35%					D
Pile Caps						
No Component	65%					D
Not Accessible	35%					D
Backfill Fill						
Not Accessible	100%					D
Surface	10070					
Asphalt Pavers	100% Settlement, Extent : Light, Area Affo Location : Stations 3+16 To 5+00		* * '+30, And 13+00	5 To 13+6	\$16,100 55 From South	В
Deck Elements						
Railing						
Steel	85%	2021	\$1,087,500			В
Steel	15% 4+ \$19,2 Corrosion, Extent : Light, Area Affe Location : Throughout		\$191,900			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.

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD

Address : E. RIVER FROM WALL STREET / SOUTH TO 45 FT PAST HELIPORT

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBS0025.041 / 1765 Yr Built/Renovated :

Linear Ft : 1,275 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 26-Feb-2013 Landmark Status : NONE

Areas Surveyed :

Block : 36 Lot : 12 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$272,800	\$563,900
Total	\$272,800	\$563,900
Priority A	\$272,800	\$43,200
Priority B		\$520,600
Total	\$272,800	\$563,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads		\$400		\$6,900
Total		\$400		\$6,900
Priority B		\$400		\$6,900
Total		\$400		\$6,900



DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD

Bulkheads		Current R	lepair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Gravity Wall								
Stone	5%	0-2	\$60,600	LIFE	* *	5	\$5,400	Α
			: Severe, Area Affe					
	Location :	2 Course	s Of Grout Loss 6	Inches H	igh Up To 2 Ft De	гер		
Stone	35%	4+	\$212,200	LIFE	* *	5	\$37,800	A
	Other Obser	rvation, E	xtent : Light, Area	Affected	: 5%			
	Location:	Periodic	Throughout In Tid	lal Zone				
	Explanatio	on : Grou	t Loss					
Not Accessible	60%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt Pavers	95%			2039	* *	5	\$13,800	В
	Recent Repl	lace Evide	ent, Extent : Light,	Area Affe	ected : 50%			
	Location:	Southern	Half Is Recently N	Vew; Nor	thern Half Is Unde	er Constr	ruction	
Concrete	5%			2037	* *	5	\$700	В
	Cracking, E	xtent : Lis	ght, Area Affected	: 5%				
	Location :							
Deck Elements								
Railing								
Steel	45%			2024	\$520,600			В
	Recent Repl	lace Evide	nt, Extent : Light,	Area Affe	ected : 100%			
	-		Section Is Under			iced; Sou	thern Portion	
	Belongs To	o Platforn	n Asset		_			
No Component	55%				·	<u> </u>		D

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD

Address : BATTERY MARITIME BLDG.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0127.010 / 2777 Yr Built/Renovated :

Linear Ft : 366 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 16-May-2011 Landmark Status : NONE

Areas Surveyed :

Block : 2 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$700			
Total	\$700			
Priority A				
Priority A Priority B	\$700			
Total	\$700			



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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD

Bulkheads	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Gravity Wall						
Concrete	12%	LIFE	* *	5	\$200	A
Not Accessible	88%					D
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Asphalt	35%	2031	* *	5	\$1,500	В
	Cracking, Extent: Light, Are	a Affected : 5%				
	Location: Throughout					
	Settlement, Extent : Light, Ar	ea Affected : 2%				
	Location: Isolated					
Concrete	50%	2035	* *	5	\$2,100	В
Stone	15%	2035	* *	10		В

DEPT. OF SMALL BUSINESS SERV. - FY 2015 Print Date: 09-Sep-2014

Asset Name : BULKHEAD

Address : EAST RIVER E. 41ST TO E. 42ND STS.

Borough : MANHATTAN Agency's Number : N/A Program / Asset # : DBS0025.169 / 4092 Yr Built/Renovated

Linear Ft : 297 **Project Type** : ECONOMIC DEVELOPMENT

Date of Survey : 15-Apr-2013 **Landmark Status** : NONE

Areas Surveyed

Block : 1353 : 50 BIN Lot

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$385,800	
Total	\$385,800	
Priority A	\$385,800	
Total	\$385,800	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads				
Total				
Priority A				

Total



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.

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD

Bulkheads	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Relieving Platform Top	100/			ate ate	_	# 100	
Concrete	10%		LIFE	* *	5	\$100	A
Not Accessible	90% Other Observation, .	Ertont : Light Area	Affected	. 0%			D
	Location:	емені . Ligiti, Агей	Ајјестей	. 070			
		cessible Due To F. I	D. R. Roo	ıdwav. Onlv A Les	s Than 1	Ft Wide Ledge Is	
	Accessible.			,,,			
Pile Supported Wall							
Conc w/Stone Face	40% Now	\$161,000	LIFE	**	5	\$9,500	A
	Other Observation,		a Affecte	d : 100%			
	Location : Bottom		D1				
		sing Granite Fascia		* *		ФО 200	
Conc w/Stone Face	35% 4+ Other Observation,	\$140,900	LIFE		5	\$8,300	A
	Location : At Wall		ч гей Аује	ciea . 2570			
		ling On Walls At Oi	utfall Ope	ening			
Not Accessible	25%		- J I				D
Piles and Bracing							
Not Accessible	100%						D
Sheet Piles							
Steel	50% 4+	\$83,900	LIFE	* *			A
	Corrosion, Extent:						
		et Back From Face;	Partially	Inaccessible			
Not Accessible	50%						D
Backfill							
Fill Not Accessible	100%						D
Surface	100%						D
Not Accessible	100%						D
Deck Elements	100/0						
Parapet							
Concrete	100%		2028	* *			В
	Cracking, Extent: L		: 75%				
	Location: Through	hout					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD / PIER 36 TO SO. SIDE PIER 42

Address : SOUTH STREET SO. SIDE JEFFERSON TO MONTGOMERY

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBS0025.047 / 1746 Yr Built/Renovated : 1900 /

Linear Ft : 1,310 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 16-Apr-2013 Landmark Status : NONE

Areas Surveyed :

Block : 241 Lot : 22 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$253,400	\$50,000
Total	\$253,400	\$50,000
Priority A	\$253,400	\$50,000
Total	\$253,400	\$50,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads			\$7,500	
Total			\$7,500	
Priority A				
Priority B			\$7,500	
Total			\$7,500	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD / PIER 36 TO SO. SIDE PIER 42

Bulkheads	Current Repair		Current Repair Future Replacement		Future Replacement		M	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Gravity Wall								
Concrete	10%			LIFE	* *	5	\$500	A
Stone	45%			LIFE	* *	5	\$50,000	A
No Component	45%							D
Pile Supported Wall								
Concrete	20%	4+	\$253,400	2033	* *	5	\$5,200	A
	Other Ob:	servation, E.	xtent : Light, Area	Affected	: 15%			
	Location	ı : Periodic	Throughout					
	Explana	tion : Erosia	on In Tidal Zone					
No Component	80%							D
Piles and Bracing								
No Component	80%							D
Not Accessible	20%							D
Sheet Piles								
Steel	25%			LIFE	* *			A
	Corrosion	, Extent : Li	ght, Area Affected	: 30%				
	Location	ı : Older Sh	eet Piles					
No Component	75%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt	65%			2033	* *	5	\$9,700	В
Concrete	35%			2033	* *	5	\$5,200	В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD ALONG SOUTH STREET

Address : FLETCHER ST NORTH TO PECK SLIP EAST RIVER

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DGSP025.043 / 1742 Yr Built/Renovated :

Linear Ft : 1,153 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 03-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : 36 Lot : 30 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads		\$5,900		
Total		\$5,900		
Priority A				
Priority B		\$5,900		
Total		\$5,900		



DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD ALONG SOUTH STREET

Bulkheads	Current Repair	Future Re	placement	M	aintenance		
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Esti	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural							
Gravity Wall							
Concrete	5%	LIFE	* *	5	\$200	Α	
Not Accessible	95%					D	
Pile Caps							
Concrete	10%	LIFE	* *	5	\$300	A	
Not Accessible	90%					D	
Backfill							
Fill							
Not Accessible	100%					D	
Surface							
Asphalt	50%	2032	* *	5	\$6,600	В	
	Cracking, Extent : Light, Area Affe	cted : 5%					
	Location: Throughout						
Asphalt Pavers	40%	2032	* *	5	\$5,300	В	
•	Other Observation, Extent : Light, Area Affected : 20%						
	Location: Throughout						
	Explanation: Surface Wear						
Stone	10%	2032	* *	10		В	
	Other Observation, Extent: Light,	Area Affected : 109	%				
	Location : Throughout						
	Explanation: Missing Grout						

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD E. 48 TO E.54 ST. E.R.

Address : E. RIVER, 48TH TO 54TH ST.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR025.051 / 1748 Yr Built/Renovated :

Linear Ft : 1,630 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 1360 Lot : 60 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$131,800	\$711,700
Total	\$131,800	\$711,700
Priority B	\$131,800	\$711,700
Total	\$131,800	\$711,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$22,900	\$1,400	\$100	
Total	\$22,900	\$1,400	\$100	
Priority A	\$22,900			
Priority B		\$1,400	\$100	
Total	\$22,900	\$1,400	\$100	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD E. 48 TO E.54 ST. E.R.

Asset #: 1748

Bulkheads	Current Re	epair	Futur	iture Replacement		aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural								
Relieving Platform Top								
Concrete/Stone	45%		LIFE	* *			Α	
Concrete/Stone	5% 2-4	\$16,000	LIFE	* *			Α	
	Erosion, Extent : Mode			· D.L. C				
	Location : Along Top		-	=				
	Exposed Reinforcemen		ate, Area	Affected: 5%				
	Location: Throughout		1 CC . 1	50/				
	Missing Part, Extent:		55					
	Location : Along Top			Ріацогт				
	Spalling, Extent: Mod		tea : 5%					
	Location : Throughout	ит						
Not Accessible	50%						D	
Piles and Bracing							_	
Not Accessible	100%						D	
Lowlevel Pile Caps	40/ 37	4.5.000		de de				
Timber	1% Now	\$6,900	LIFE	**			A	
	Rotting/Splitting, External Location: Throughout		Affected :	. 30%				
Timber	1%		LIFE	* *			A	
	Rotting/Splitting, Extent Location: Throughout	0 .	ffected : 2	25%				
Not Accessible	98%						D	
Backfill								
Fill								
Not Accessible	100%						D	
Surface								
Asphalt Pavers	39% 2-4	\$123,900	2032	* *	5	\$3,600	В	
	Settlement, Extent : Lig Location :	ght, Area Affectea	l : 5%					
Asphalt Pavers	1% 0-2	\$7,900	2032	* *	5	\$100	В	
Filler Carret	Settlement, Extent : Se					7-55		
	Location : At Station							
Concrete	15%		2032	* *	5	\$2,800	В	
Concrete	Cracking, Extent: Mod	derate. Area Affe			5	Ψ2,300	D	
	Location : Throughout							
Not Accessible	45%						D	
Deals Elements	TJ/U						ע	

Deck Elements

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD E. 48 TO E.54 ST. E.R.

Bulkheads	Current Repair	Future	Replacement	M	aintenance			
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Deck Elements								
Railing								
Fencing	55%	2024	\$46,100	3	\$400	В		
	Corrosion, Extent: Moderate,	Area Affected : 10%	%					
	Location : On External Steel Supports Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Along Fdr Drive							
	Explanation : On Top Of Par	apet Wall						
Steel	45%	2021	\$665,600			В		
	Missing Coating, Extent: Light, Area Affected: 10%							
	Location : Station 4+00 To 7+20 From North							
Parapet								
Concrete	55%	2024				В		
	Cracking, Extent: Light, Area Affected: 2%							
	Location: Throughout							
No Component	45%					D		

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD E. 54 TO E. 59 ST. E.R.

Address : E. RIVER, 54TH TO 59TH ST.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR025.052 / 1749 Yr Built/Renovated :

Linear Ft : 1,245 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 1371 Lot : 30 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$39,300
Total		\$39,300
Priority A		\$39,300
Total		\$39,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$46,800	\$6,400		
Total	\$46,800	\$6,400		
Priority A	\$46,500			
Priority B	\$300	\$6,400		
Priority C				
Total	\$46,800	\$6,400		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD E. 54 TO E. 59 ST. E.R.

Asset #: 1749

Bulkheads	Current I	Repair	Future l	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Relieving Platform Top		***					
Concrete/Stone	3% Now Cracking, Extent: M Location: Through Missing Part, Extent Location: Through	out : Severe, Area Affe		**			A
No Component Not Accessible	95% 2%						D D
Gravity Wall							
Conc w/Stone Face	34% Cracking, Extent : M Location : Through Erosion, Extent : Lig	out		* *	5	\$38,100	A
	Location : Through	out					
Conc w/Stone Face	1% Now Missing Part, Extent Location: At Statio			* *	5	\$1,100	A
No Component	35%						D
Not Accessible	30%						D
Piles and Bracing							
Not Accessible	100%						D
Revetment							
Stone	15%		LIFE	* *	5	\$1,100	C
No Component	85%						D
Sheet Piles							
Steel	15% Corrosion, Extent : M Location : In Splas.		LIFE ected : 10%	**			A
No Component	70%						D
Not Accessible	15%						D
Lowlevel Pile Caps							
Timber	1% Now Rotting/Splitting, Ext Location : Through		LIFE Affected : 5	* *			A
Timber	1% Rotting/Splitting, Ext Location : Through		LIFE ffected : 25	**			A
Not Accessible	98%						D
Backfill Fill	•						
Not Accessible	100%						D
Surface							
Asphalt	90%		2032	* *	5	\$12,800	В
Topsoil	10%		2021	\$6,400	5	\$600	В

Deck Elements

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.

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD E. 54 TO E. 59 ST. E.R.

Bulkheads	Current Re	epair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements Railing							
Fencing No Component	30% 70%		2024	\$19,200	3	\$100	B D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD E. 63 TO E. 71 ST. E.R.

Address : E. RIVER, 63RD TO 71ST ST.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR025.054 / 1750 Yr Built/Renovated :

Linear Ft : 2,089 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 1482 Lot : 60 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$79,500	\$1,948,700
Total	\$79,500	\$1,948,700
Priority A Priority B	\$79,500	\$53,100 \$1,895,600
Total	\$79,500	\$1,948,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$21,100	\$11,900		
Total	\$21,100	\$11,900		
Priority A	\$21,100			
Priority B		\$11,900		
Total	\$21,100	\$11,900		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD E. 63 TO E. 71 ST. E.R.

Bulkheads	Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Relieving Platform Top	20/ 1	¢12.200	LIEE	* *			
Concrete/Stone	3% Now Erosion, Extent: Seven Location: Stations 2 Missing Part, Extent: Location: Stations 2	0+00 To 20+89 Severe, Area Affe					A
Concrete/Stone	3%		LIFE	* *			A
	Cracking, Extent: Light Location: Throughou Erosion, Extent: Light Location: Throughou	ut , Area Affected : 1					
No Component	90%						D
Not Accessible	4%						D
Gravity Wall							
Conc w/Stone Face	3% Erosion, Extent : Mode Location : Througho		LIFE ed : 30%	* *	5	\$5,600	A
Stone	28% Displaced Elements, E Location : Isolated L		LIFE Area Aff	* * ected : 20%	5	\$49,600	A
Stone	2% Now Other Observation, Ex Location: 13+20 To Explanation: Missin	14+00 And 2+25	To 2+40		5	\$3,500	A
No Component	10%						D
Not Accessible	55%						D
Not Accessible	2%						D
Piles and Bracing							
No Component	90%						D
Not Accessible	10%						D
Lowlevel Pile Caps Timber	1% Now Rotting/Splitting, Exter Location: Stations 1						A
Timber	1% Rotting/Splitting, Exter Location : Throughor		LIFE fected : 2	**			A
No Component	90%						D
Not Accessible	8%						D
Backfill Fill							
Not Accessible	100%						D

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD E. 63 TO E. 71 ST. E.R.

Bulkheads	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill						
Surface						
Asphalt Blocks	100%	2032	* *	5	\$23,800	В
	Settlement, Extent : Light, Area Affected	l : 2%				
	Location:					
	Other Observation, Extent: Moderate, A	Area Affe	cted : 5%			
	Location: Isolated Throughout					
	Explanation: Settlement At Planters A	and Utiliti	ies			
Deck Elements						
Railing						
Steel	100%	2021	\$1,895,600			В
	Missing Coating, Extent: Light, Area A	ffected : I	15%			
	Location: Throughout					

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD E. 78TH TO E. 81ST ST.

Address : E. RIVER, 78TH TO 81ST ST.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR025.057 / 2879 Yr Built/Renovated :

Linear Ft : 853 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 1490 Lot : 60 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$156,100	\$712,100
Total	\$156,100	\$712,100
Priority A	\$156,100	
Priority B		\$712,100
Total	\$156,100	\$712,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$33,200	\$3,500		
Total	\$33,200	\$3,500		
Priority A				
Priority B	\$33,200	\$3,500		
Total	\$33,200	\$3,500		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD E. 78TH TO E. 81ST ST.

Bulkheads	Current Repair	Future Replacement	nt M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated C	ost Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Facing	200/	I IDE	* *		
Concrete	20% Mechanical Damage, Extent : Mod Location : At South End Of Bulk	derate, Area Affected : 10%	* *		С
No Component	70%				D
Not Accessible	10%				D
Gravity Wall					
Conc w/Stone Face	5% Now \$90, Missing Part, Extent: Severe, Are Location: Stations 0+00, 3+89,	a Affected : 15%	* * 5 n North End	\$3,800	A
Conc w/Stone Face	20%		** 5	\$15,400	A
Conc w/stone race	Displaced Elements, Extent: Mod Location: Evident Topside Stati Other Observation, Extent: Light, Location: At Stations 6+77 And Explanation: Concrete Patches	lerate, Area Affected : 10% ons 5+07 To 6+66 Area Affected : 50% 17+81 From North End	. 3	\$13,400	A
Concrete	5% 2-4 \$65,		** 5	\$200	A
	Cracking, Extent: Moderate, Area Location: Throughout Spalling, Extent: Moderate, Area Location: Throughout				
Concrete	15% Cracking, Extent: Light, Area Affordation: Throughout	LIIL	** 5	\$500	A
Not Accessible	55%				D
Backfill Fill					
Not Accessible	100%				D
Surface					
Asphalt Pavers	72%	2032	** 5	\$7,000	В
Asphalt Pavers	20% 4+ \$33, Settlement, Extent : Light, Area Af Location : Throughout		** 5	\$1,000	В
Not Accessible	8%				D
Deck Elements					
Railing					
Steel	92% Other Observation, Extent : Light, Location : Throughout	2021 \$712, Area Affected : 15%	100		В
	Explanation: Coating Loss				
Not Accessible	8%				D

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD E. 81ST TO E. 84TH ST.

Address : E. RIVER, 81ST TO 84TH ST.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR025.058 / 2878 Yr Built/Renovated :

Linear Ft : 793 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 1589 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$134,400	\$40,800
Total	\$134,400	\$40,800
Priority A	\$134,400	
Priority B		\$40,800
Total	\$134,400	\$40,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads		\$4,500	\$100	
Total		\$4,500	\$100	
Priority B		\$4,500	\$100	
Total		\$4,500	\$100	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD E. 81ST TO E. 84TH ST.

Bulkheads	Current Repai	r Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Sheet Piles						
Steel	30% 4+	\$134,400 LIFE	* *			A
	Corrosion, Extent : Moder	ate, Area Affected : 30	%			
	Location : Tidal And Spl	ash Zones				
	Other Observation, Extent	: Light, Area Affected	: 2%			
	Location : Throughout					
	Explanation: Holes At S.	heet Pile Splice Locati	ons			
Steel	30%	LIFE	* *			A
Not Accessible	40%					D
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Concrete	100%	2032	* *	5	\$9,100	В
	Cracking, Extent : Light, A	rea Affected : 5%				
	Location: Throughout A	t Top Of Bulkhead				
	Spalling, Extent : Light, Ar	ea Affected : 5%				
	Location : Throughout A					
Deck Elements						
Railing						
Fencing	100%	2024	\$40,800	3	\$300	В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD GRAVITY WALL/RELIEVING PLATFORM

Address : SOUTH STREET MARKET SLIP TO PIER 35

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSP025.046 / 1745 Yr Built/Renovated :

Linear Ft : 1,485 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 05-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 240 Lot : 6 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$1,269,400
Total		\$1,269,400
Priority A		\$56,600
Priority B		\$1,212,800
Total		\$1,269,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads		\$7,600		
Total		\$7,600		
Priority B Priority C		\$7,600		
Total		\$7,600		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD GRAVITY WALL/RELIEVING PLATFORM

Bulkheads	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Relieving Platform Top						
No Component	90%					D
Under Construction	10%					D
Coping/Curb				_		_
Concrete	90%	LIFE	* *	5	\$1,300	C
	Cracking, Extent : Light, Area Affect	ted : 2%				
	Location : Throughout					
Under Construction	10%					D
Gravity Wall				_		
Stone	45%	LIFE	* *	5	\$56,600	A
	Spalling, Extent: Moderate, Area Af	fected : 25%				
	Location : At Concrete Patches		 0/			
	Other Observation, Extent : Light, A	rea Affected .	25%			
	Location: Throughout					
	Explanation : 25% Of Grout Missin	ng				
No Component	10%					D
No Component	10%					D
Not Accessible	35%					D
Backfill						
Fill Not Accessible	90%					D
Under Construction	10%					D
Surface	1070					
Asphalt	5%	2032	* *	5	\$800	В
rispitate	Settlement, Extent : Light, Area Affec			3	φοσο	Ь
	Location: Throughout					
Asphalt Pavers	85%	2032	* *	5	\$14,400	В
rispitate ravers	Settlement, Extent : Moderate, Area		%	J	Ψ11,100	D
	Location: Station 0+67 From South					
	Other Observation, Extent : Light, A	_				
	Location : Throughout	33				
	Explanation : Settlement					
Under Construction	10%					D
Deck Elements						
Railing						
Steel	90%	2021	\$1,212,800			В
	Other Observation, Extent : Light, A	rea Affected .	2%			
	Location: Stations 0+00 To 5+00					
	Explanation : Corrosion					

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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD PIER 42

Address : NS MONTGOMERY @ NS PIER 43 TO E. RIVER PARK

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBS0025.050 / 2949 Yr Built/Renovated :

Linear Ft : 1,065 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 16-Apr-2013 Landmark Status : NONE

Areas Surveyed :

Block : 241 Lot : 13 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$168,800	\$54,200
Total	\$168,800	\$54,200
Priority A	\$91,400	\$54,200
Priority B	\$77,500	
Total	\$168,800	\$54,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads		\$900		
Total		\$900		
Priority A				
Priority B		\$900		
Total		\$900		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD PIER 42

Bulkheads	С	urrent R	epair	Futur	e Replacement	M	aintenance	
System Component Type		il Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Gravity Wall								
Concrete			\$40,700 ere, Area Affected d	LIFE : 75%	**	5	\$200	A
Concrete	10%			LIFE	* *	5	\$400	A
Stone	10%	4+	\$50,600	LIFE	* *	5	\$9,000	A
	Other Observ Location : T Explanation	Througho		a Affecte	d : 75%			
Stone	50%			LIFE	* *	5	\$45,100	A
Not Accessible	25%							D
Backfill Fill Not Accessible	100%							D
Surface								
Asphalt		_	\$54,700 ht, Area Affected : Throughout	2039	**	5	\$3,600	В
Asphalt			\$22,800 Severe, Area Affe d	2039 cted : 20	**	5	\$1,500	В
Concrete	15% Cracking, Ext Location : H	_	ht, Area Affected : Throughout	2037	* *	5	\$1,800	В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD STEEL WITH CONCRETE CAP

Address : BETWEEN PIER 11 & 12

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0049.000 / 13962 Yr Built/Renovated :

Linear Ft : 316 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 14-Oct-2010 Landmark Status : NONE

Areas Surveyed :

Block : 515 Lot : 61 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$65,800	
Total	\$65,800	
Priority A	\$65,800	
Total	\$65,800	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$52,300			
Total	\$52,300			
Priority A	\$4,500			
Priority B	\$39,400			
Priority C	\$8,400			
Total	\$52,300			



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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD STEEL WITH CONCRETE CAP

Bulkheads	Current	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Coping/Curb							
Timber	30%		LIFE	* *	5	\$100	C
Timber	50% Now	\$8,400	LIFE	* *	5	\$100	C
		vere, Area Affected :					
		Broken, Or Missing (Turb				
No Component	20%						D
Sheet Piles							
Steel	25%		LIFE	* *			A
		Light, Area Affected	!: 100%				
	Location : Throug						
Steel	5% 4+	\$4,500	LIFE	* *			A
		Moderate, Area Affe					
	Location : Splash	Zone; Webs Of Stee	l Wales Co	orroded Through			
Not Accessible	70%						D
Pile Caps							
Concrete	50% 2-4	\$65,800	LIFE	* *	5	\$500	A
		loderate, Area Affec ate Spalling From 0-			At 1+54	4, 1+64, 2+05,	
Concrete	50%		LIFE	* *	5	\$500	A
Backfill							
Surface							
Concrete	30%		2031	* *	5	\$1,100	В
Topsoil	65%		2020	\$10,500	5	\$1,000	В
Topsoil	5% Now	\$800	2022	\$800	5		В
	Settlement, Extent:	Severe, Area Affecte	ed : 100%				
	Location : Station	2+30 To 2+45; Sin	khole 4' W	ide 4' Deep Behir	ıd Sheet	Pile Wall	
Fender							
Piles							
Timber	25% Now	\$14,100	2037	* *	4	\$1,900	В
		xtent : Severe, Area					
	Location : Station	2+15 To 3+33; Bro	ken, Rottii	ng, Split Fender I	Piles		
No Component	55%						D
Not Accessible	20%						D
Wales and Chocks							
wales and Chocks							
Timber	45% 0-2	\$24,000	2037	* *	4	\$7,700	В
	Rotting/Splitting, E.	xtent : Moderate, Ar			4	\$7,700	В
		xtent : Moderate, Ar			4	\$7,700	В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD - HARLEM RIVER SEAWALL/REVETMENT/CRIBBING

Address : HARLEM RIVER, 147TH - 158TH ST E.145TH TO MACOMBS DAM BRIDGE

Borough : BRONX Agency's Number : N/A

Linear Ft : 4,469 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 09-Jan-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2539 Lot : 2 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$1,188,200	\$722,400
Total	\$1,188,200	\$722,400
Priority B Priority C	\$938,800 \$249,400	\$722,400
Total	\$1,188,200	\$722,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$30,600			\$61,200
Total	\$30,600			\$61,200
Priority A Priority B Priority C	\$30,600			\$61,200
Total	\$30,600			\$61,200



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD - HARLEM RIVER SEAWALL/REVETMENT/CRIBBING

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Gravity Wall								
Concrete	10%			LIFE	* *	5	\$1,800	A
		xtent : Lig : Through	ht, Area Affected : out	50%				
Stone Gabion	1%			LIFE	* *	3		A
No Component	79%							D
Not Accessible	10%							D
Piles and Bracing								
No Component	65%							D
Not Accessible	35%							D
	Other Obs	ervation, E	Extent : Light, Area	Affected	!: 0%			
	Location	:						
	Explana	ion : Low-	water Timber Deck	COf Low	Level Platform Is	Visible A	t Low Tide	
Revetment								
Stone	37%			LIFE	* *	5	\$9,900	C
Stone	3%	2-4	\$93,500	LIFE	* *	5	\$800	C
			: Moderate, Area A e Debris Revetment			71 From	South	
Stone	2%	2-4	\$62,300	LIFE	* *	5	\$500	С
	Missing Po	art, Extent	: Moderate, Area A	Affected :	100%			
			Between Sta 10+2			South		
Stone	3%	Now	\$93,500	LIFE	* *	5	\$800	C
Stone			: Moderate, Area A		50%	5	φοσσ	Č
	_		e Debris Revetmen			60 From	South	
No Component	55%							D
Sheet Piles								
Steel	1%			LIFE	* *			A
		ervation, E	Extent : Light, Area		! : 100%			
			Of Stone Revetment			kway At S	outh Half Of	
	Asset	•		v	•	•		
	Explana	ion : Burie	ed In Topsoil Of Pla	anter				
No Component	70%							D
Not Accessible	29%							D
Backfill Fill								
Not Accessible	100%							D

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD - HARLEM RIVER SEAWALL/REVETMENT/CRIBBING

Bulkheads	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill							
Surface	5 00/		2026	* *	_	¢25 500	D
Asphalt	50%	: -1.4 A A		ar ar	5	\$25,500	В
	Cracking, Extent : L Location : Isolated		3%				
	Settlement, Extent:	_)/			
	Location : Through		ciea : 57	'0			
Topsoil	5% 2-4	\$6,800	2022	\$11,400	5	\$500	В
•	Erosion, Extent : Mo	oderate, Area Affect	ed : 50%				
	Location : Isolatea	l Throughout					
Topsoil	40%		2021	\$91,300	5	\$8,400	В
Topsoil	5% Now	\$6,800	2023	\$11,400	5	\$500	В
1	Settlement, Extent : Severe, Area Affected : 50%						
	Location : Isolatea	l Throughout					
Fender							
Piles							
Timber	35%		2019	\$279,300	4	\$37,500	В
	Broken, Extent : Severe, Area Affected : 100%						
	Location : Fender Required.	System Used To Be	Installed	On Gravity Wall	But Is No	Longer Used Or	
No Component	65%						D
Wales and Chocks							
Timber	35%		2019	\$659,500	4	\$84,900	В
	Broken, Extent : Severe, Area Affected : 100%						
		System Used To Be	Installed	On Gravity Wall	But Is No	Longer Used Or	
N. C.	Required.						
No Component	65%						D
Deck Elements							
Railing Steel	15%		2022	\$600 200			В
~	85%		2022	\$608,300			В
No Component	83%						ע

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD @ PILE SUPPORTED WHARF BET. NICKS LOBSTER & KINGS PLAZA

Address : FLATBUSH AVE, MILL BASIN

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR026.062 / 16 Yr Built/Renovated :

Linear Ft : 700 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 15-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 8591 Lot : 980 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$2,990,200	\$35,800
Total	\$2,990,200	\$35,800
Priority A	\$2,990,200	
Priority B		\$35,800
Total	\$2,990,200	\$35,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads		\$1,600		
Total		\$1,600		
Priority A				
Priority B		\$1,600		
Total		\$1,600		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD @ PILE SUPPORTED WHARF BET. NICKS LOBSTER & KINGS PLAZA

Bulkheads	Current Re	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Piles and Bracing							
Concrete	20% 0-2	\$808,700	LIFE	* *	5	\$800	A
	Erosion, Extent : Seven	re, Area Affected .	100%				
	Location : In Tidal Z	one					
Not Accessible	80%						D
Sheet Piles							
Concrete	80% 2-4	\$1,890,100	LIFE	* *			A
	Other Observation, Ex	tent : Severe, Are	a Affecte	d : 50%			
	Location : In Tidal Z	one					
	Explanation: Erosio	n					
Not Accessible	20%						D
Pile Caps							
Concrete	100% 4+	\$291,400	LIFE	* *	5	\$2,100	A
	Corrosion of Reinforcement, Extent : Moderate, Area Affected : 30%						
	Location : Througho	ut					
	Spalling, Extent: Mod	erate, Area Affect	ed: 30%	ó			
	Location: Throughout	ut					
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Topsoil	100%		2022	\$35,800	5	\$3,300	В

Page: 433

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD @PIER 35

Address : EAST RIVER BET CLINTON & MONTGOMERY STS.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSP025.048 / 1747 Yr Built/Renovated :

Linear Ft : 112 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 23-Jul-2007 Landmark Status : NONE

Areas Surveyed :

Block : 241 Lot : 13 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$67,600	
Total	\$67,600	
Priority A	\$67,600	
Total	\$67,600	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$23,500		\$200	
Total	\$23,500		\$200	
Priority A				
Priority B	\$23,500		\$200	
Priority C				
Total	\$23,500		\$200	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD @PIER 35

Asset #: 1747

Bulkheads	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Structural				
Relieving Platform Top Concrete, 10' Water	50% Other Observation, Extent: Light, A Location: South Face	LIFE ** Area Affected : 10%	5 \$200	A
Concrete, 10' Water	Explanation: Spalling 15% Now \$67,6 Other Observation, Extent: Severe, Location: Inshore Of Pier 35 At 6 Explanation: Collapsed	, Area Affected : 100%	5 \$100	A
Not Accessible	35%			D
Coping/Curb	33%			υ
Concrete No Component	50% 50%	LIFE **	5 \$100	C D
Piles and Bracing				
Not Accessible	100%			D
Pile Caps Not Accessible	100%			D
Backfill Fill				
Topsoil	15% Now \$3,4 Other Observation, Extent: Severe, Location: Inshore Of Pier 35 Explanation: Sinkholes			В
Not Accessible	85%			D
Surface				
Asphalt	50% 2-4 \$4,8 Settlement, Extent : Light, Area Affo Location : Inshore Of Pier 35		5 \$300	В
Asphalt	25% Now \$2,4 Other Observation, Extent: Severe, Location: Inshore Of Pier 35 Explanation: Sinkholes		5 \$200	В
Concrete	25% Cracking, Extent : Light, Area Affec Location : At Southwest Corner	2028 ** cted : 25%	5 \$300	В
Fender				
Piles	2.504	2020	<u>, </u>	-
Timber	25%	2028 **	4 \$1,000	В
No Component	50%			D
Not Accessible	25%			D
Wales and Chocks Timber	25%	2028 **	4 \$2,300	В
Timber	25% Now \$11,8 Broken, Extent: Severe, Area Affec Location: Throughout	00 2034 **		В
No Comment				
No Component	50%			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.

Page: 435

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD @PIER 36

Address : BET CLINTON & MONTGOMERY STS. OFFSHORE END OF PIER 36

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DGSP025.049 \, / \, 2948 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Linear Ft : 1,360 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 19-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : 241 Lot : 13 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$47,400	\$46,100
Total	\$47,400	\$46,100
Priority A		\$46,100
Priority C	\$47,400	
Total	\$47,400	\$46,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$8,700	\$7,800	\$5,100	
Total	\$8,700	\$7,800	\$5,100	
Priority A	\$8,700		\$5,100	
Priority B		\$7,800		
Priority C				
Total	\$8,700	\$7,800	\$5,100	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD @PIER 36

Bulkheads		Current R	epair	Future Replacement		ent Maintenance			
System Component Type		ail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural									
Relieving Platform Top									
Concrete	2%	4+	\$8,700	LIFE	* *	5	\$100	A	
	_		derate, Area Affec	ted : 15%	6				
			End Of Pier						
	-		lerate, Area Affect	ed : 15%					
	Location :	At North	End Of Pier						
Concrete	13%			LIFE	* *	5	\$700	A	
No Component	85%							D	
Gravity Wall									
Concrete	25%			LIFE	* *	5	\$1,400	A	
Stone	40%			LIFE	* *	5	\$46,100	A	
			xtent : Moderate, 1	Area Affe	cted : 2%				
	Location:	Isolated T	Throughout						
No Component	30%							D	
Not Accessible	5%							D	
Piles and Bracing									
Timber	5%			2026	* *	4	\$10,200	A	
No Component	75%							D	
Not Accessible	20%							D	
Revetment									
Stone	5%	4+	\$47,400	LIFE	* *	5	\$400	C	
	Settlement, E	Extent : M	oderate, Area Affe	cted : 5%	6				
	Location:	Througho	out, Beneath Conci	ete Grav	ity Wall				
Stone	35%			LIFE	* *	5	\$2,900	С	
No Component	60%							D	
Sheet Piles									
Steel	15%			LIFE	* *			A	
No Component	85%							D	
Pile Caps									
No Component	75%							D	
Not Accessible	25%							D	
Backfill									
Fill									
Not Accessible	100%							D	
Surface									
Asphalt	80%			2032	* *	5	\$12,400	В	
_	Cracking, E	xtent : Lig	ht, Area Affected :	5%					
	Location:	Isolated T	Throughout						
Concrete	20%			2032	* *	5	\$3,100	В	
		xtent : Lig	ht, Area Affected :				42,130	_	
	Location :	_							

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.

Page: 437

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BULKHEAD 77 PIER A
Address : BATTERY PARK TO PIER A

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBS0025.030 / 168 Yr Built/Renovated :

Linear Ft : 119 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 16 Lot : 285 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$145,200	\$108,000
Total	\$145,200	\$108,000
Priority A	\$145,200	
Priority B		\$108,000
Total	\$145,200	\$108,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$800	\$700		
Total	\$800	\$700		
Priority A				
Priority B	\$800	\$700		
Priority C				
Total	\$800	\$700		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD 77 PIER A

Bulkheads	Current Repa	ir Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Coping/Curb						
Concrete	100%	LIFE	* *	5	\$100	C
	Cracking, Extent: Light,	Area Affected : 5%				
	Location: Throughout					
Pile Supported Wall	200/ 2.4	Φ1.45.200 LIEE	* *	-	Φ2 000	
Conc w/Stone Face	30% 2-4	\$145,200 LIFE		5	\$2,900	A
	Other Observation, Exten Location : Sta 0+50 To		ectea : 25%			
G /G F	Explanation : Displacen		* *		Φ.ς. 700	
Conc w/Stone Face	70%	LIFE		5	\$6,700	A
	Other Observation, Exten Location : Throughout	i : Ligni, Area Ajjeciec	1:40%			
	Explanation : Mason We	all Crosst Logg				
Piles and Bracing	Explanation . Mason we	an, Groui Loss				
Not Accessible	100%					D
Pile Caps	100/0					<u>D</u>
Not Accessible	100%					D
ackfill	10070					
Fill						
Not Accessible	100%					D
Surface						
Concrete	98%	2032	* *	5	\$1,300	В
	Cracking, Extent: Light, A Location: Throughout	Area Affected : 5%				
Concrete	2% 4+	\$800 2038	* *	5		В
Concrete	Cracking, Extent: Moder		%	5		ע
	Location: Sta 0+50 To					
eck Elements						
Railing						
Steel	100%	2021	\$108,000			В

Asset Name : BULKHEAD AND RELIEVING PLATFORM UNDER NICKS LOBSTER BUILDING

Address : FLATBUSH AVE. MILL BASIN

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR026.065 / 19 Yr Built/Renovated :

Linear Ft : 360 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 16-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 8591 Lot : 980 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$49,000
Total		\$49,000
Priority B		\$49,000
Total		\$49,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$7,800	\$3,300	\$300	
Total	\$7,800	\$3,300	\$300	
Priority A				
Priority B	\$7,800	\$3,300	\$300	
Total	\$7,800	\$3,300	\$300	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD AND RELIEVING PLATFORM UNDER NICKS LOBSTER BUILDING

Bulkheads		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimate (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural	<u>'</u>		<u>'</u>				
Relieving Platform Top							
Concrete	15%		LIFE	* *	5	\$200	A
No Component	35%						D
Not Accessible	50%						D
Piles and Bracing							
Not Accessible	100%						D
Sheet Piles							
Timber	25%		LIFE	* *	4	\$1,700	A
No Component	65%						D
Not Accessible	10%						D
Pile Caps							
Not Accessible	100%						D
Backfill							
Surface							
Asphalt	35%		2032	* *	5	\$1,400	В
Concrete	20%		2032	* *	5	\$800	В
Not Accessible	45%						D
Fender							
Facing							
Timber	45%		2032	* *	3	\$6,400	В
No Component	55%						D
Piles							
Timber	8%		2026	* *	4	\$700	В
	Rotting/S _I	olitting, Extent : Mode	erate, Area Affect	ed : 50%			
	Location	ı : Tidal Zone					
No Component	90%						D
Not Accessible	2%						D
Wales and Chocks							<u> </u>
Timber	80%		2032	* *	4	\$23,400	В
No Component	20%		_3 2_		-	,, ····	D
Deck Elements	2070						
Railing							
Steel	15%		2021	\$49,000			В
No Component	85%			, -,-			D

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

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

Asset Name : BULKHEAD AT 23RD ST. GOWANUS BAY

Address : NORTH SIDE OF 23RD STREET TO SOUTH SIDE OF 24TH STREET

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DBS0015.033 / 2977 Yr Built/Renovated :

Linear Ft : 330 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 16-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 644 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$279,600	
Total	\$279,600	
Priority A	\$279,600	
Total	\$279,600	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$22,000	\$1,300		\$1,200
Total	\$22,000	\$1,300		\$1,200
Priority A	\$600			\$1,200
Priority B	\$21,400	\$1,300		
Total	\$22,000	\$1,300		\$1,200



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD AT 23RD ST. GOWANUS BAY

Bulkheads	Current Repair	Futur	re Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural		•				•
Piles and Bracing						
Steel	10%	LIFE	* *	5	\$5,100	A
	Corrosion, Extent : Light, Area Affecte					
	Location : Above Mlw Elevation, Sta	tion 1+80	To 3+30 From No	orth		
No Component	55%					D
Not Accessible	35%					D
Sheet Piles						
Steel	30%	LIFE	* *			A
	Corrosion, Extent : Light, Area Affecte					
	Location : Above Mlw Elevation Thre	oughout				
Steel	15% Now \$279,600		* *			A
	Excess Deflections, Extent: Severe, Ar		ed : 100%			
	Location: Station 0+80 To 1+24 Fre	om North				
Not Accessible	55%					D
Wales						
Steel	45%	LIFE	* *	5	\$3,500	A
	Corrosion, Extent : Light, Area Affecte					
	Location: Throughout, Station 1+80	To 3+30	From North			
No Component	55%					D
Pile Caps						
Steel	90%	2024	\$5,000	5	\$2,400	A
	Corrosion, Extent : Light, Area Affecte	ed: 50%				
	Location : Throughout					
Steel	10% Now \$600	2028	* *	5	\$100	A
	Other Observation, Extent: Severe, Ar	55	ed : 100%			
	Location: Station 0+45 To 0+85 Fre	om North				
	Explanation : Missing Part					
Backfill						
Fill	400/ 37	20.52	di di			-
Topsoil	10% Now \$6,700		* *			В
	Other Observation, Extent: Severe, An			Ctation	2 + 20 Enous Monde	
	Location: At Displaced Wall Sta 0+	SU 10 1+2	24 Ana Ai Sinknole	Station 2	+30 From North	
NT / A 11.1	Explanation : Fill Loss					- Б
Not Accessible	90%					D

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD AT 23RD ST. GOWANUS BAY

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill								
Surface								
Asphalt	40%			2032	* *	5	\$1,500	В
Asphalt	10%	Now	\$2,800	2038	* *	5	\$200	В
	Settlemen	t, Extent : S	evere, Area Affecte	d: 100%	ó			
	Location	ı : At Displ	aced Section Of Wo	ıll Statioi	n 0+80 To 1+25 F	rom Nor	th	
Concrete	30%			2032	* *	5	\$1,100	В
Concrete	10%	Now	\$11,300	2038	* *	5	\$200	В
	Settlemen	t, Extent : S	evere, Area Affecte	d: 100%	ó			
	Location	ı : At Displ	aced Section Of Wo	ıll Statioi	n 0+80 To 1+25 F	rom Nor	th	
Gravel	8%			2032	* *	2-5	\$100	В
Gravel	2%	Now	\$500	2038	* *	2-5		В
	Settlemen	t, Extent : S	evere, Area Affecte	d: 100%	6			
	Location	ı : At South	ern Terminus, Stati	on 3+30	From North			
Fender								
Pile Cluster								
Timber	45%			2024		4-10		В
No Component	55%							D
Deck Elements								
Railing								
Guard Rail	100%			LIFE	* *			В

Asset Name : BULKHEAD, AT U.N. SCHOOL PIER

Address : 24-50 FDR DRIVE E. 23RD STREET. AT U.N. SCHOOL

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DBSR025.067 \, / \, 4474 \qquad \qquad Yr \, Built / Renovated \quad : \, \,$

Linear Ft : 855 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 30-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 991 Lot : 59 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$96,600	
Total	\$96,600	
Priority A	\$96,600	
Total	\$96,600	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$200	\$3,400		
Total	\$200	\$3,400		
Priority A				
Priority B	\$200	\$3,400		
Priority C				
Total	\$200	\$3,400		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD, AT U.N. SCHOOL PIER

Bulkheads		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Revetment							
Stone	100%		LIFE	* *	5	\$5,100	C
Sheet Piles							
Steel	20%	4+ \$96,0	500 LIFE	* *			A
	Corrosion	, Extent : Moderate, Are	a Affected : 10	0%			
	Location	ı : In Splash Zone					
Steel	40%		LIFE	* *			A
Timber	40%		LIFE	* *	4	\$6,400	A
Pile Caps							
Concrete	100%		LIFE	* *	5	\$2,600	A
	Cracking,	Extent: Light, Area Affe	ected : 5%				
	Location	ı : Throughout					
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt	60%		2032	* *	5	\$5,900	В
Concrete	10%		2032	* *	5	\$1,000	В
Topsoil	10%		2021	\$4,400	5	\$400	В
Not Accessible	20%						D

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

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

Asset Name : BUSH TERMINAL BULKHEAD
Address : N/S PIER 6 NORTH TO END

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR026.025 / 22 Yr Built/Renovated :

Linear Ft : 960 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 11-Jan-2012 Landmark Status : NONE

Areas Surveyed :

Block : 715 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$177,900	
Total	\$177,900	
Priority A	\$46,400	
Priority B	\$131,400	
Total	\$177,900	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$100			\$100
Total	\$100			\$100
Priority A				
Priority B	\$100			\$100
Total	\$100			\$100



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL BULKHEAD

Bulkheads	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Pile Supported Wall	40				_	44.000	
Concrete	10% 4+	\$46,400	2032	**	5	\$1,900	A
	Other Observation, E Location : Above M		Area Affe	ected : 20%			
	Explanation : Spall						
No Component	90%	ing					D
Piles and Bracing	9070						D
No Component	95%						D
Not Accessible	5%						D
Sheet Piles							
Steel	15%		LIFE	* *			A
	Corrosion, Extent : I		! : 25%				
	Location : Above M	Ilw Elevation					
No Component	10%						D
Not Accessible	75%						D
Wales							
Steel	10%	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LIFE	* *	5	\$2,300	A
	Corrosion, Extent : I		25%				
N. G	Location: Through	out					
No Component	90%						D
Backfill Fill							
Not Accessible	100%						D
Surface	10070						
Concrete	40% Now	\$131,400	2038	* *	5	\$2,200	В
	Other Observation, I	· · ·		d: 100%		, ,	
	Location : Along N	orth Side Of Pier 6					
	Explanation: Colle	apsed Structure					
Not Accessible	60%						D
	Other Observation, I	Extent : Light, Area	Affected	: 0%			
	Location : Through	out					
	Explanation : New	Fencing					
Deck Elements							
Railing	1000/		2029	* *	2	\$ 500	D
Fencing	100% Recent Replace Evid	ont Extent · Light	2028		3	\$500	В
	Location : Through	_	итеи АД	ccieu . 100/0			

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

Asset Name : BUSH TERMINAL BULKHEAD

Address : NORTH SIDE OF PIER 5 TO SOUTH SIDE OF PIER 6

Borough : BROOKLYN Agency's Number : N/A

Linear Ft : 376 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 715 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$100	\$200	\$2,100	
Total	\$100	\$200	\$2,100	
Priority B Priority C	\$100	\$200	\$2,100	
Total	\$100	\$200	\$2,100	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL BULKHEAD

Bulkheads	Current Re	epair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Revetment							
Stone	85%		LIFE	* *	5	\$1,900	C
	Missing Part, Extent: Location: Random	Light, Area Affect	ed : 10%				
	Recent Repair Evident	Frient · Light A	rea Affec	ted : 50%			
	Location : Throughout	_	eu rijjee				
No Component	15%						D
Sheet Piles							
Steel	15%		LIFE	* *			A
	Corrosion, Extent : Lig Location : Througho		: 100%				
No Component	85%						D
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt	10%		2032	* *	5	\$400	В
Cobblestone	75%		2043	* *	5	\$4,200	В
Gravel	15%		2036	* *	2-5	\$200	В
Deck Elements							
Railing							
Fencing	100%		2028	* *	3	\$200	В
	Recent Replace Evider	_	Area Affe	cted : 100%			
	Location : Throughout	ut					

Asset Name : BUSH TERMINAL BULKHEAD

Address : NORTH SIDE OF PIER 4 TO SOUTH SIDE OF PIER 5

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR026.023 / 24 Yr Built/Renovated :

Linear Ft : 352 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 725 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$1,017,000	
Total	\$1,017,000	
Priority A Priority C	\$955,700 \$61,400	
Total	\$1,017,000	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$9,200	\$300		
Total	\$9,200	\$300		
Priority A				
Priority B	\$9,200	\$300		
Priority C				
Total	\$9,200	\$300		



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

DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL BULKHEAD

Bulkheads	Curren	t Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Gravity Wall							
Concrete	85% 4+	\$915,300	LIFE	* *	5	\$1,200	A
		: Light, Area Affected	d : 40%				
	Location: Throu						
Concrete	15% 4+	\$40,400	LIFE	* *	5	\$200	A
		Ioderate, Area Affec	ted : 10%				
	Location: Throu	*					
		Extent: Moderate, A					
	Location : Adjace	ent To Support Piles A	At Station	1+80			
	Explanation : Un	dermining					
Piles and Bracing							
Steel	10%		LIFE	* *	5	\$5,400	A
Not Accessible	90%						D
Revetment							
Stone	75%		LIFE	* *	5	\$1,600	C
Stone	10% Now	\$24,600	LIFE	**	5	\$200	C
	Missing Part, Exter Location : At Star	nt : Moderate, Area A tion 1+80	Affected : .	50%			
Stone	15% 2-4	\$36,800	LIFE	* *	5	\$300	С
	Missing Part, Exte	nt : Moderate, Area A	Affected :	25%			
	Location: Isolate	ed Throughout					
Sheet Piles							
Timber	50%		LIFE	* *	4	\$3,300	A
Not Accessible	50%						D
Backfill Fill							
Not Accessible	100%						D
Surface							
Concrete	15%		2032	* *	5	\$600	В
Topsoil	85% Now	\$9,200	2023	\$15,300	5	\$700	В
1	Other Observation	Extent : Severe, Are	a Affected				
	Location : Isolate						
	Explanation : Set	tlement					
Deck Elements							
Railing							
Fencing	100%		2024	\$18,100	3	\$100	В

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

Asset Name : BUSH TERMINAL REVETMENT NORTH SIDE OF PIER 4

Address : FOOT OF 45TH ST. TO 52ND ST.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR026.021 / 2571 Yr Built/Renovated :

Linear Ft : 4,348 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 05-Jan-2012 Landmark Status : NONE

Areas Surveyed :

Block : 725 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$1,039,400	\$88,900
Total	\$1,039,400	\$88,900
Priority A	\$956,300	
Priority B	\$83,200	\$88,900
Total	\$1,039,400	\$88,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$36,100		\$3,600	
Total	\$36,100		\$3,600	
Priority A	\$25,000			
Priority B	\$11,100		\$3,600	
Priority C				
Total	\$36,100		\$3,600	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL REVETMENT NORTH SIDE OF PIER 4

Asset #: 2571

Bulkheads	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
tructural Relieving Platform Top Concrete	5% Now \$348,0 Other Observation, Extent : Severa Location : At South End Explanation : Structure Failed		5 \$800	A
No Component	95%			D
Piles and Bracing Timber	5% Now \$607, Other Observation, Extent : Severa Location : at south end Explanation : Structure Failed		4 \$32,500	A
No Component	95%			D
Revetment Stone	85% Recent Replace Evident, Extent : L Location : New Stone Revetment		5 \$22,100	С
No Component	5%			D
Under Construction	10%			D
Pile Caps Timber	5% Now \$25, Other Observation, Extent : Severe Location : at south end Explanation : Structure Failed		4 \$1,700	A
No Component	95%			D
ackfill Fill				
Topsoil	5% Now \$44, Other Observation, Extent: Severa Location: At South End Explanation: Structure Failed			В
Not Accessible	95%			D
Surface Stone	40%	2038 **	10	В
m 1	Recent Replace Evident, Extent: Location: Inshore Of Revetment		Φ.500	
Topsoil	5% Now \$11, Other Observation, Extent: Severe Location: At South End Explanation: Structure Failed		5 \$500	В
Topsoil	35% Recent Replace Evident, Extent : L Location : Inshore Of Revetment		5 \$7,100	В
Under Construction	20% Other Observation, Extent : Light, Location : Near 47th Street Explanation : Filter Fabric In Pl			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.

Page: 454

DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL REVETMENT NORTH SIDE OF PIER 4

Bulkheads	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender						
Piles						
Timber	5% Now \$38,	800 2038	* *	4	\$5,200	В
	Other Observation, Extent : Sever	e, Area Affected	: 100%			
	Location: at south end					
	Explanation : Structure Failed					
No Component	95%					D

Asset Name : CONCRETE RETAINING WALL W/TIMBER CRIBBING FOUNDATION. BULKHEAD Address : SO SIDE WASHINGTON BRIDGE MIDWAY TO HAMILTON BRIDGE, SUB 1 OF BL

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR071.000 / 13815 Yr Built/Renovated :

Linear Ft : 282 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 03-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2106 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$196,600
Total		\$196,600
Priority B		\$196,600
Total		\$196,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$37,300		\$1,100	_
Total	\$37,300		\$1,100	
Priority A	\$32,400			
Priority B Priority C	\$4,900		\$1,100	
Total	\$37,300		\$1,100	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 CONCRETE RETAINING WALL W/TIMBER CRIBBING FOUNDATION. BULKHEAD

Bulkheads	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
tructural						
Coping/Curb				_		_
Stone	100%	LIFE	**	5	\$500	C
	Other Observation, Extent: Light, Area		: 10%			
	Location: Throughout At Top Of Wa Explanation: Partial Loss Of Mortar		And Joint Seal			
Gravity Wall	Explanation . I artial Eoss Of Moriar	Deauing F	ina Joini Seai			
Concrete	95%	LIFE	* *	5	\$1,100	A
Concrete	Cracking, Extent : Light, Area Affected			3	φ1,100	7.1
	Location : Throughout In Upper 10 F					
	Spalling, Extent: Light, Area Affected	2%				
	Location: Isolated At Joints					
	Other Observation, Extent : Light, Area	a Affected .	: 5%			
	Location: Throughout In Upper 10 F	t Of Wall				
	Explanation: Efflorescence					
Concrete	5% 4+ \$32,400	LIFE	* *	5	\$100	A
	Cracking, Extent: Moderate, Area Affe					
	Location : In Upper 10 Ft Of Wall At					
	Spalling, Extent : Moderate, Area Affec Location : At Construction Joints, Sta South)			55 And I	1+85 (From	
Backfill	<i>50</i> ,					
Fill						
Not Accessible	100%					D
Not Accessible Surface						
Not Accessible	70%	2033	**	5	\$2,300	D B
Not Accessible Surface	70% Cracking, Extent : Light, Area Affected		* *	5	\$2,300	
Not Accessible Surface	70% Cracking, Extent : Light, Area Affected Location : Throughout	: 3%	* *	5	\$2,300	
Not Accessible Surface	70% Cracking, Extent : Light, Area Affected Location : Throughout Settlement, Extent : Light, Area Affecte	: 3%	* *	5	\$2,300	
Not Accessible Surface Asphalt	70% Cracking, Extent : Light, Area Affected Location : Throughout Settlement, Extent : Light, Area Affecte Location : Isolated Throughout	: 3%	* *	5	\$2,300	В
Not Accessible Surface Asphalt No Component	70% Cracking, Extent : Light, Area Affected Location : Throughout Settlement, Extent : Light, Area Affecte	: 3%	* *	5	\$2,300	
Not Accessible Surface Asphalt No Component Deck Elements	70% Cracking, Extent : Light, Area Affected Location : Throughout Settlement, Extent : Light, Area Affecte Location : Isolated Throughout	: 3%	* *	5	\$2,300	В
Not Accessible Surface Asphalt No Component Deck Elements Parapet	70% Cracking, Extent: Light, Area Affected Location: Throughout Settlement, Extent: Light, Area Affecte Location: Isolated Throughout 30%	: 3% d : 2%		5	\$2,300	B
Not Accessible Surface Asphalt No Component Deck Elements	70% Cracking, Extent: Light, Area Affected Location: Throughout Settlement, Extent: Light, Area Affecte Location: Isolated Throughout 30%	: 3% d : 2% 2025	* * \$186,800	5	\$2,300	В
Not Accessible Surface Asphalt No Component Deck Elements Parapet	70% Cracking, Extent: Light, Area Affected Location: Throughout Settlement, Extent: Light, Area Affecte Location: Isolated Throughout 30% 95% Erosion, Extent: Light, Area Affected:	2025 100%	\$186,800	5	\$2,300	B
Not Accessible Surface Asphalt No Component Deck Elements Parapet	70% Cracking, Extent: Light, Area Affected Location: Throughout Settlement, Extent: Light, Area Affected Location: Isolated Throughout 30% 95% Erosion, Extent: Light, Area Affected: Location: Erosion/ Scaling Througho	2025 100% put Parape	\$186,800	5	\$2,300	B
Not Accessible Surface Asphalt No Component Deck Elements Parapet	70% Cracking, Extent: Light, Area Affected Location: Throughout Settlement, Extent: Light, Area Affected Location: Isolated Throughout 30% 95% Erosion, Extent: Light, Area Affected: Location: Erosion/ Scaling Throughout	2025 100% put Parape	\$186,800	5	\$2,300	B
Not Accessible Surface Asphalt No Component Deck Elements Parapet	70% Cracking, Extent: Light, Area Affected Location: Throughout Settlement, Extent: Light, Area Affected Location: Isolated Throughout 30% 95% Erosion, Extent: Light, Area Affected: Location: Erosion/ Scaling Throughout Other Observation, Extent: Light, Area Location: Atop Coping Throughout	2025 100% out Parape	\$186,800	5	\$2,300	B
Not Accessible Surface Asphalt No Component Deck Elements Parapet Concrete	70% Cracking, Extent: Light, Area Affected Location: Throughout Settlement, Extent: Light, Area Affected Location: Isolated Throughout 30% 95% Erosion, Extent: Light, Area Affected: Location: Erosion/ Scaling Throughout Other Observation, Extent: Light, Area Location: Atop Coping Throughout Explanation: Deteriorated Mortar Barea	: 3% d: 2% 2025 100% out Parape a Affected	\$186,800 or : 5%	5	\$2,300	B D
Not Accessible Surface Asphalt No Component Deck Elements Parapet	70% Cracking, Extent: Light, Area Affected Location: Throughout Settlement, Extent: Light, Area Affected Location: Isolated Throughout 30% 95% Erosion, Extent: Light, Area Affected: Location: Erosion/ Scaling Throughout Other Observation, Extent: Light, Area Location: Atop Coping Throughout	2025 100% out Parape a Affected :	\$186,800 t: 5% \$9,800	5	\$2,300	B

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

Asset Name : CONCRETE RETAINING WALL W/TIMBER CRIBBING FOUNDATION. BULKHEAD

Address : SO SIDE HAMILTON BRIDGE TO NO SIDE HIGH BRIDGE. SUB 3 OF BL

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR073.000 / 13817 Yr Built/Renovated :

Linear Ft : 1,170 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 04-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2106 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$359,200	\$815,800
Total	\$359,200	\$815,800
Priority A	\$262,700	
Priority B	\$40,800	\$815,800
Priority C	\$55,600	
Total	\$359,200	\$815,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads		\$6,700		
Total		\$6,700		
Priority A				
Priority B Priority C		\$6,700		
Total		\$6,700		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 CONCRETE RETAINING WALL W/TIMBER CRIBBING FOUNDATION. BULKHEAD

Asset #: 13817

Bulkheads	Current F	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural	-						
Coping/Curb Stone	10% 4+ Other Observation, E Location : Through	_	LIFE Affected	* *	5	\$200	C
	Explanation : Loose		ır Beddin	g			
Stone	90%		LIFE	* *	5	\$1,800	С
Gravity Wall							
Conc w/Stone Face	10% 4+ Other Observation, E Location : Outboard Explanation : Loose	d Bulkhead Face Ir	ı Tidal Zo		5 Of Asset	\$10,500	A
Concrete	67% 4+ Cracking, Extent: Lig Location: Outboard Erosion, Extent: Ligi Location: Through Exposed Reinforceme Location: Spall Wi	d Bulkhead Face A ht, Area Affected : out Tidal Zone ent, Extent : Moder	bove Mhv 40% ate, Area	Affected : 5%	5	\$3,200	A
Concrete	Spalling, Extent : Lig Location : From 60 3% Now			ove Mhw Line	5	\$100	A
Concrete	Not Plumb, Extent : M Location : Wall Is L	Moderate, Area Aff	ected : 10	00%			A
Not Accessible	20%						D
Backfill							
Fill	1000/						D
Not Accessible Surface	100%						D
Asphalt	100% Cracking, Extent: Lig Location: Through Settlement, Extent: L Location: Isolated Other Observation, E Location: Isolated	out ight, Area Affectea Throughout Extent : Light, Area	!: 5% Affected		5 cent To I	\$13,400 H. R. D	В
	Explanation : Sinkh	ū		,			
Deck Elements Parapet Concrete	100% 4+ Erosion, Extent : Ligit Location : Erosion/ Spalling, Extent : Lig	\$40,800 ht, Area Affected : Scaling Througho	ut	\$815,800			В
	Location: 180ft And Other Observation, E Location: Through Explanation: Morte	d 265ft From Norti Extent : Moderate, 1 out	'n	cted : 25%			

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 Name : CRIBBING BULKHEAD

Address : EASTERN SHOREOF SHERMAN CREEK SO SIDE OF CON ED SITE SUB 1 OF A/T

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR065.000 / 13807 Yr Built/Renovated :

Linear Ft : 315 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 2150 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$1,456,000	
Total	\$1,456,000	
Priority A	\$1,456,000	
Total	\$1,456,000	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$27,000			
Total	\$27,000			
Priority A				
Priority B	\$27,000			
Total	\$27,000			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 CRIBBING BULKHEAD

Bulkheads	Current Repa	air Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Gravity Wall Timber Crib w/Stone	100% Now	\$1,456,000 LIFE	* *	4	\$9,200	A
Tilliber Crib W/Stolle	Broken, Extent : Severe, A	T-,, ———		4	\$9,200	А
	Location : Isolated Mer					
	Missing Part, Extent : Se	=	5%			
	Location : Collapsed B					
	Rotting/Splitting, Extent.					
	Location : Horizontal T					
	Tilting, Extent : Severe, A	Area Affected : 100%				
	Location : Full Length					
	Other Observation, Exter	nt : Severe, Area Affecto	ed : 1%			
	Location: West End Of	Asset				
<u> </u>	Explanation : Deteriora	ation Of Concrete And	Steel At Outfall			
Backfill						
Fill						
Stone	20% Now	\$16,200 LIFE	* *	5	\$100	В
	Erosion, Extent : Modera	==				
	Location : Isolated Thre	oughout At Top Of Wal	l			
Not Accessible	80%					D
Surface				_		_
Concrete	10% Now	\$10,800 2039	* *	5	\$200	В
	Broken, Extent: Severe, A		T 1 10 / F F	,		
	Location : Stations 0+0	00 To 0+30 And 0+85	To 1+10 (From Ea	st)		
Not Accessible	90%					D
	Other Observation, Exter	ıt : Light, Area Affected	d:0%			
	Location:					
	Explanation : Heavy Ve	egetation				

Page: 461

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : EAST RIVER BULKHEAD

Address : FROM NORTH SIDE PIER 11 TO NORTH SIDE FLETCHER ST.

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR025.042 / 2581 Yr Built/Renovated :

Linear Ft : 893 Project Type : ECONOMIC DEVELOPMENT

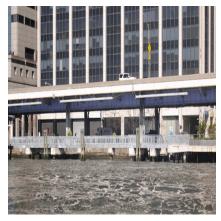
Date of Survey : 04-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : 36 Lot : 25 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$162,100
Total		\$162,100
Priority B		\$162,100
Total		\$162,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$700	\$3,300		
Total	\$700	\$3,300		
Priority A				
Priority B	\$700	\$3,300		
Priority C				
Total	\$700	\$3,300		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 EAST RIVER BULKHEAD

Bulkheads		Current F	Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural									
Coping/Curb									
Concrete	20%			LIFE	* *	5	\$200	C	
No Component	80%							D	
Facing									
Timber	15%			LIFE	* *			C	
No Component	85%							D	
Gravity Wall									
Stone	25%			LIFE	* *	5	\$18,900	A	
Not Accessible	75%							D	
Sheet Piles									
Steel	2%			LIFE	* *			A	
No Component	95%							D	
Not Accessible	3%							D	
Backfill									
Fill									
Not Accessible	100%							D	
Surface									
Asphalt	5%			2032	* *	5	\$500	В	
Asphalt Pavers	60%			2032	* *	5	\$6,100	В	
	Settlement	, Extent : L	ight, Area Affected	: 10%					
	Location	: Stations	0+00, And 0+75 T	o 1+50 I	From South				
Topsoil	35%			2021	\$16,000	5	\$1,500	В	
Deck Elements									
Railing									
Steel	20%			2022	\$162,100			В	
No Component	80%							D	

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

Asset Name : FORMER PIER 7 - MILLERS LAUNCH STEEL SHEET PILE BULKHEAD

Address : FOOT OF HANNAH ST / ALONG MURRAY HULBERT AVE.

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

Program / Asset # : DGSP131.010 / 4261 Yr Built/Renovated :

Linear Ft : 495 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 11-Nov-2010 Landmark Status : NONE

Areas Surveyed :

Block : 487 Lot : 110 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$246,500	
Total	\$246,500	
Priority A	\$195,700	
Priority B	\$50,800	
Total	\$246,500	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$1,500	\$100		
Total	\$1,500	\$100		
Priority B	\$1,500	\$100		
Total	\$1,500	\$100		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 FORMER PIER 7 - MILLERS LAUNCH STEEL SHEET PILE BULKHEAD

Bulkheads	Current Repair Future Replaceme		Future Replacement		Future Replacement Maintenance		nt Maintenance			
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Structural										
Sheet Piles										
Steel	70% 4+	\$195,700	LIFE	* *			A			
	Corrosion, Extent : Mo Location : Above Muc	. 55	cted : 70	9%						
Not Accessible	30%						D			
Backfill										
Fill										
Not Accessible	100%						D			
Surface										
Asphalt	25%		2031	* *	5	\$1,400	В			
	Cracking, Extent: Ligh Location: Throughou		10%							
Concrete	25%		2031	* *	5	\$1,400	В			
	Cracking, Extent : Ligh Location : Throughou		30%							
Concrete	30% 4+	\$50,800	2037	* *	5	\$800	В			
	Broken, Extent: Moderate, Area Affected: 100% Location: Station 2+50 To 3+90 From North (Collapsed Pier)									
Gravel	20%		2031	* *	2-5	\$300	В			
Deck Elements Railing										
Fencing	50%		2023	\$12,700	3	\$100	В			
No Component	50%			+,/00	-	+ 200	D			

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

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

Asset Name : GIANDO RESTAURANT REVETMENT/BULKHEAD
Address : 412 KENT AVE. BETWEEN BROADWAY AND S8TH ST

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR046.000 / 13506 Yr Built/Renovated :

Linear Ft : 245 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 09-Jan-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2128 Lot : 15 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$62,700	
Total	\$62,700	
Priority C	\$62,700	
Total	\$62,700	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$1,300	\$300		
Total	\$1,300	\$300		
Priority A				
Priority B	\$1,300	\$300		
Total	\$1,300	\$300		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 GIANDO RESTAURANT REVETMENT/BULKHEAD

Bulkheads		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
Structural								
Gravity Wall								
Concrete	45%			LIFE	* *	5	\$400	A
No Component	55%							D
Piles and Bracing								
Steel	1%			LIFE	* *	5	\$400	A
	Corrosion,	Extent: Lig	ght, Area Affected	: 50%				
	Location	: At The To	p Of Both Piles					
No Component	95%							D
Not Accessible	4%							D
Revetment								
Concrete	40%	Now	\$62,700	LIFE	* *			C
	Broken, Extent : Severe, Area Affected : 100%							
	Location: Throughout							
Concrete	25%			LIFE	* *			С
No Component	35%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Concrete	85%			2036	* *	5	\$2,400	В
Topsoil	15%			2021	\$1,900	5	\$200	В
Fender								
Facing								
Timber	10%			2032	* *	3	\$1,000	В
No Component	90%							D

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

Page: 467

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL / BULKHEAD

Address : E 110TH ST TO E 109TH ST HARLEM RIVER, SUB 1 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR086.000 / 13832 Yr Built/Renovated :

Linear Ft : 260 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 04-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1703 Lot : 128 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$235,900
Total		\$235,900
Priority B		\$235,900
Total		\$235,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$40,700			\$1,500
Total	\$40,700			\$1,500
Priority A	\$40,700			
Priority B				\$1,500
Total	\$40,700			\$1,500



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL / BULKHEAD

Bulkheads	eads Current R		air Future Replacement		Maintenance		
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Gravity Wall							
Conc w/Stone Face	85%		LIFE	* *	5	\$39,800	A
	Cracking, Extent: Light, Area Affected: 20%						
	Location: Outboard Face Above Mhw						
	Erosion, Extent: Moderate, Area Affected: 5%						
Location : Adjacent To Culvert							
Missing Block Seal, Extent: Moderate, Area Affected: 30%							
	Location: Between St.	one Facing In Tide	al Zone				
Conc w/Stone Face	15% 2-4	\$20,800	LIFE	* *	5	\$3,500	A
	Erosion, Extent: Moder	rate, Area Affectea	! : 30%				
	Location: Top Outboard Face Of Concrete						
	Spalling, Extent: Mode	rate, Area Affected	l: 30%	,			
	Location: Top Edge Of Concrete, In Some Locations Undermining Railing						
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt Pavers	98%		2034	* *	5	\$2,900	В
Topsoil	2%		2023	\$300	5		В
Deck Elements							
Railing							
Steel	100%		2023	\$235,900			В
	Missing Coating, Extent : Light, Area Affected : 5% Location : Throughout						

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL / BULKHEAD

Address : E 109TH ST TO E 108TH ST HARLEM RIVER, SUB 2 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR087.000 / 13833 Yr Built/Renovated :

Linear Ft : 270 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 04-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1702 Lot : 22 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$36,000	\$245,000
Total	\$36,000	\$245,000
Priority A	\$36,000	
Priority B		\$245,000
Total	\$36,000	\$245,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$19,300			\$1,400
Total	\$19,300			\$1,400
Priority A	\$18,200			
Priority B	\$1,100			\$1,400
Total	\$19,300			\$1,400



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

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

Bulkheads		Current Rep	oair	Future	Replacement	М	aintenance	
System Component Type	% of 1 Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Gravity Wall								
Conc w/Stone Face	75%			LIFE	* *	5	\$36,500	A
			erate, Area Affeo		6			
	Location	: Throughou	t - At Top Of Wa	ll				
	Missing Blo	ock Seal, Ext	ent : Moderate, .	Area Affe	cted : 50%			
	Location	: Throughou	t - Within Tidal i	Zone				
	Other Obse	ervation, Exte	ent : Moderate, A	Area Affe	cted : 30%			
	Location	: Throughou	t - At Top Of Wa	ll				
	Explanati	ion : Efflores	cence					
Conc w/Stone Face	25%	2-4	\$36,000	LIFE	* *	5	\$6,100	A
	Spalling, E.	xtent : Mode	rate, Area Affec	ted : 50%				
	Location . Railing	: Throughout	t Concrete Abov	e Stone F	ace And At Top Si	ırface Oj	f Wall Below	
Backfill	0							
Fill	1000/							D
Not Accessible	100%							D
Surface	0.40/			2024	* *	5	\$2,000	D
Asphalt Pavers	94%	4	¢1 100	2034	* *	5	\$2,900	В
Asphalt Pavers	4%	4+	\$1,100	2038		5	\$100	В
			ent : Moderate, A End Of Asset A					
			=	ајасені 1	o r ianier			
		ion : Uplift O	g Pavers					
Topsoil	2%			2023	\$300	5		В
Deck Elements								
Railing	4.00			2025	\$2.17 .633			-
Steel	100%			2023	\$245,000			В
			: Light, Area A	tfected : 5	0%			
	Location	: Throughout	<u> </u>					

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL / BULKHEAD

Address : E 104TH ST TO E 102ND ST SUB 2 OF BL, SUB 1 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR090.000 / 13838 Yr Built/Renovated :

Linear Ft : 561 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 06-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1696 Lot : 51 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$160,000	\$559,600
Total	\$160,000	\$559,600
Priority A Priority B	\$160,000	\$50,600 \$509,100
Total	\$160,000	\$559,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$5,500			\$2,900
Total	\$5,500			\$2,900
Priority B	\$5,500			\$2,900
Total	\$5,500			\$2,900



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

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

Bulkheads		Current R	epair	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
Structural								
Gravity Wall								
Conc w/Stone Face	80%			LIFE	* *	5	\$80,900	Α
	_	_	ht, Area Affected .					
	Location	: Map Cra	ck With Effloresce	nce In U	pper Outboard Co	ncrete Fo	асе	
	O		xtent : Light, Area	00				
	Location	: Typical C	Outboard Face In T	idal Zon	ne			
Conc w/Stone Face	20%	2-4	\$119,500	LIFE	* *	5	\$10,100	A
	Spalling, E.	xtent : Mod	lerate, Area Affect	ed : 50%	ó			
	Location Railing	: Througho	out Concrete Above	e Stone F	Face And At Top Si	ırface Oj	Wall Below	
Backfill	rama							
Fill								
Not Accessible	100%							D
Surface								
Asphalt Pavers	90%			2034	* *	5	\$5,800	В
Asphalt Pavers	5%	4+	\$5,500	2034	* *	5	\$200	В
	Settlement,	Extent: Li	ght, Area Affected	: 100%				
	Location	: 2ft Wide	Offset 2 Ft From C	Outboard	Edge Wall			
	Explanati	ion : Missir	ig					
Topsoil	5%			2024	\$1,400	5	\$100	В
Deck Elements								
Railing								
Steel	100%			2024	\$509,100			В
	_	oating, Exte : Througho	ent : Light, Area Aj out	fected : .	10%			

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL / BULKHEAD

Address : E 102ND ST TO E 101ST ST HARLEM RIVER, SUB 2 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR091.000 / 13839 Yr Built/Renovated :

Linear Ft : 246 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 06-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1695 Lot : 51 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$78,600	\$223,200
Total	\$78,600	\$223,200
Priority A	\$78,600	
Priority B		\$223,200
Total	\$78,600	\$223,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$23,600			\$1,400
Total	\$23,600			\$1,400
Priority A	\$18,800			
Priority B	\$4,800			\$1,400
Total	\$23,600			\$1,400



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

Bulkheads		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Gravity Wall								
Conc w/Stone Face	15%	2-4	\$78,600	LIFE	* *	5	\$3,300	A
			: Moderate, Area A					
			Stones Around Out	•				
			oderate, Area Affect					
		: Through	out Concrete Abov	e Stone F	Face And At Top Si	ırface Oj	f Wall Below	
G (G) F	Railing			T TEE	* *		ф 27. 7 00	
Conc w/Stone Face	85%	E M	- 1 A A A - CC	LIFE		5	\$37,700	A
	_		oderate, Area Affec					
		_	out In Concrete Ab		==	escence		
			Extent : Light, Area out Stone Face	Ајјестеа	1:30%			
Backfill	Locuiton	. Inrough	oui sione race					
Fill								
Not Accessible	100%							D
Surface	10070							
Asphalt Pavers	95%			2034	* *	5	\$2,700	В
Asphalt Pavers	2%	4+	\$4,800	2040	* *	5	7-,,,,,	В
	Settlement	Extent : I	ight, Area Affected	!: 100%				
			er Planter And Thr		2 Ft Offset From V	Vall		
Topsoil	3%			2024	\$400	5		В
Deck Elements								
Railing								
Steel	100%			2023	\$223,200			В
	_	oating, Ext : Through	tent : Light, Area Aj out	ffected :	10%			

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL / BULKHEAD

Address : E 101ST SOUTH FOR 50 FT SUB 3 OF ASSET TYPE, SUB 1 OF BL

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR092.000 / 13840 Yr Built/Renovated :

Linear Ft : 50 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 06-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1694 Lot : 51 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$45,400
Total		\$45,400
Priority B		\$45,400
Total		\$45,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$20,000			\$300
Total	\$20,000			\$300
Priority A	\$17,600			
Priority B	\$2,400			\$300
Total	\$20,000			\$300



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

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

Bulkheads	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Gravity Wall							
Conc w/Stone Face	95%		LIFE	* *	5	\$8,600	A
	Cracking, Extent : L Location : Through	ight, Area Affected hout Concrete Abov		Cacing With Efflore	escence		
Conc w/Stone Face	5% 2-4	\$13,300	LIFE	* *	5	\$200	A
	Cracking, Extent: So	evere, Area Affected	d: 100%				
	Location : At South	n End Of Asset					
	Spalling, Extent : Mo	oderate, Area Affec	ted : 5%				
	Location : Isolated	At Top Of Concret	e Beneatl	n Railing			
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt Pavers	95%		2034	* *	5	\$500	В
Asphalt Pavers	5% 4+	\$2,400	2040	* *	5		В
	Settlement, Extent : I	Moderate, Area Affe	ected : 10	00%			
	Location: At Form	ner Planter And At S	South End	l Of Asset			
Deck Elements							
Railing							
Steel	100%		2023	\$45,400			В
	Missing Coating, Ex Location : Through	0 .	ffected : .	10%			

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL / BULKHEAD

Address : NO SIDE OF E 100TH ST TO E 99TH HARLEM RIVER, SUB 1 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR094.000 / 13842 Yr Built/Renovated :

Linear Ft : 305 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 04-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1693 Lot : 30 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$97,500	\$276,800
Total	\$97,500	\$276,800
Priority A	\$97,500	
Priority B		\$276,800
Total	\$97,500	\$276,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$29,200			\$1,700
Total	\$29,200			\$1,700
Priority A	\$24,700			
Priority B	\$4,500			\$1,700
Total	\$29,200			\$1,700



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

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

Bulkheads	Current Rep	air Fu	ture Replac	ement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Ye	ar Estimat Y	ted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Gravity Wall							
Conc w/Stone Face	90%	LI	FΕ	* *	5	\$49,500	Α
	Cracking, Extent: Mode	rate, Area Affected :	25%				
	Location : Map Cracki	ng With Efflorescend	e In Outboa	rd Concre	ete Face		
	Missing Block Seal, Exte	ent : Light, Area Affe	cted : 30%				
	Location: Tidal Zone						
Conc w/Stone Face	10% 4+	\$97,500 LII	FE	* *	5	\$2,700	A
	Spalling, Extent : Light,	Area Affected : 25%					
	Location : Isolated Are	eas In Concrete Face	And Along T	Top Of Co	oncrete W	'all	
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt Pavers	5% 4+	\$4,500 20	34	* *	5	\$100	В
	Other Observation, Exte	nt : Moderate, Area	Affected: 10	%			
	Location : North End (Of Asset					
	Explanation: Upheava	l					
Asphalt Pavers	95%	20	34	* *	5	\$3,300	В
Deck Elements							
Railing							
Steel	100%	20	23 \$2	276,800			В
	Missing Coating, Extent	: Light, Area Affecte	d: 10%				
<u></u> .	Location : Throughout	At Baseplates					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL / BULKHEAD

Address : SO SIDE E 99TH ST SO 52 FT SUB 2 OF ASSET TYPE, SUB 1 OF BL

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DBSR095.000 \, / \, 13843 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Linear Ft : 52 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 04-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1693 Lot : 30 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$47,200
Total		\$47,200
Priority B		\$47,200
Total		\$47,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$20,800			\$300
Total	\$20,800			\$300
Priority A	\$20,800			
Priority B				\$300
Total	\$20,800			\$300



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

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

Bulkheads	Current Re	pair Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date F Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Gravity Wall						
Conc w/Stone Face	90%	LIFE	* *	5	\$8,400	A
	Cracking, Extent: Ligh	t, Area Affected : 20%				
	Location: Concrete C	Outboard Face With Efflo	rescence			
	Missing Block Seal, Ext	ent : Severe, Area Affecte	ed : 30%			
	Location: Between St	ones In Tidal Zone				
Conc w/Stone Face	10% 4+	\$16,600 LIFE	* *	5	\$500	A
	Spalling, Extent : Mode	rate, Area Affected : 25%	ó		7200	
	Location : Throughou	t Top Of Concrete Face				
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Asphalt Pavers	100%	2034	* *	5	\$600	В
	Settlement, Extent: Lig	ht, Area Affected : 5%				
	Location : Offset 3ft F	From Outboard Bulkhead	Face			
Deck Elements						
Railing						
Steel	100%	2023	\$47,200			В
	Missing Coating, Exten	t : Light, Area Affected :	10%			
	Location: Throughou	t				

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL / BULKHEAD

Address : MIDWAY BET. E 97TH & E 96TH ST TO NO SIDE E 96 TH SUB 2 OF BL

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR098.000 / 13846 Yr Built/Renovated :

Linear Ft : 180 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 05-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1690 Lot : 10 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$57,500	\$163,300
Total	\$57,500	\$163,300
Priority A	\$57,500	
Priority B		\$163,300
Total	\$57,500	\$163,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$11,400			\$1,000
Total	\$11,400			\$1,000
Priority A	\$11,400			
Priority B				\$1,000
Total	\$11,400			\$1,000



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

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

Bulkheads	Current Rep	air	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Gravity Wall							
Conc w/Stone Face	30% 4+	\$57,500	LIFE	* *	5	\$4,900	A
	Spalling, Extent : Moder	ate, Area Affected	1:33%				
	Location: 2 Locations	Totaling 30 Ft Al	ong To	p Of Wall			
Conc w/Stone Face	70%		LIFE	* *	5	\$22,700	A
	Cracking, Extent: Mode	rate, Area Affecte	d : 25%	6		, ,	
	Location : Throughout						
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt Pavers	100%		2034	* *	5	\$2,100	В
_	Settlement, Extent : Ligh	t, Area Affected :	10%				
	Location : Offset 3ft Fr	om Outboard Fac	ce				
Deck Elements							
Railing							
Steel	100%		2020	\$163,300			В
	Missing Coating, Extent	: Light, Area Affe	cted : 1	10%			
	Location: Throughout						

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL / BULKHEAD

Address : E 94TH ST MIDWAY TO E 93RD ST HARLEM RIVER, SUB 2 OF BL

Borough : MANHATTAN Agency's Number : N/A

Linear Ft : 200 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 06-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1573 Lot : 52 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$159,800	\$181,500
Total	\$159,800	\$181,500
Priority A	\$159,800	
Priority B		\$181,500
Total	\$159,800	\$181,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$17,100			\$1,100
Total	\$17,100			\$1,100
Priority A	\$13,500			
Priority B	\$3,600			\$1,100
Total	\$17,100			\$1,100



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

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

Bulkheads	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Structural				
Gravity Wall				
Conc w/Stone Face	75%	LIFE * *	5 \$27,000	A
	Cracking, Extent : Light, Area Affect	cted : 15%		
	Location: Outboard Face With E	fflorescence		
	Missing Block Seal, Extent : Severe	, Area Affected : 50%		
	Location : Between Stone Facing	In Tidal Zone		
Conc w/Stone Face	25% 0-2 \$159,8	00 LIFE **	5 \$4,500	A
2 3332 111 2 3333 2 333	Displaced Elements, Extent : Severe		+ 1,0 00	
	Location : Stones Around Dep Ou			
	Spalling, Extent : Moderate, Area A			
	Location : Along Top Of Wall In C	• •		
Backfill				
Fill				
Not Accessible	100%			D
Surface				
Asphalt Pavers	100%	2034 **	5 \$2,300	В
•	Settlement, Extent : Light, Area Affe	ected : 5%		
	Location: Offset 3ft From Outboo	ard Face		
Deck Elements				
Railing				
Steel	100% 4+ \$3,6	00 2023 \$181,500		В
	Missing Coating, Extent: Light, Ar	ea Affected : 10%		
	Location: Throughout			

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL BULKHEAD

Address : HIGHBRIDGE PK @ DYKMAN & HARLEM RIVER DR SUB 1 OF A/T

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DBSR066.000 \, / \, 13810 \qquad \qquad Yr \, Built / Renovated \quad : \, \,$

Linear Ft : 140 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 29-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2150 Lot : 997 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads		\$500	\$100	
Total		\$500	\$100	
Priority A				
Priority B		\$500	\$100	
Total		\$500	\$100	



Bulkheads	Current Repai	r Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Gravity Wall						
Concrete	100%	LIFE	* *	5	\$600	A
Backfill Fill						
Not Accessible	100%					D
Surface						
Asphalt	60%	2037	* *	5	\$1,000	В
	Cracking, Extent : Light, A Location : Throughout	rea Affected : 2%				
Topsoil	40%	2023	\$2,900	5	\$300	В
-	Settlement, Extent: Moder Location: Station 1+14:	. 55		l		
Deck Elements						
Parapet						
Concrete	85%	2028	* *			В
	Cracking, Extent : Light, A	rea Affected : 5%				
	Location : At Vertical Co	enstruction Joints				
	Spalling, Extent : Light, Ar	ea Affected : 5%				
	Location : Isolated					
No Component	15%					D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL BULKHEAD

Address : HIGHBRIDGE PK W 184 TO W 185 STS HARLEM RIVER, SUB 3 OF BL

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR069.000 / 13813 Yr Built/Renovated :

Linear Ft : 210 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 30-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2149 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$99,800	
Total	\$99,800	
Priority A	\$99,800	
Total	\$99,800	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$4,000		\$800	
Total	\$4,000		\$800	
Priority A				
Priority B	\$4,000		\$800	
Priority C				
Total	\$4,000		\$800	



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

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

Bulkheads	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cor FY	Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Coping/Curb	100-			4.00	~
Stone	100%	LIFE *	* 5	\$400	С
	Other Observation, Extent : Light, Area L Location : Throughout	Ајјестеа : 10%			
	Explanation : Partial Loss Of Mortar E	Redding And Ioint Seal			
Gravity Wall	Explanation . 1 arrial 2005 Of 110 rtal 2	reading Tha voin Seat			
Stone	100% 4+ \$99,800	LIFE *	* 5	\$17,800	A
	Missing Part, Extent : Severe, Area Affec	cted : 4%			
	Location: Station 0+08, 1+10, And 1+	-80 (From South)			
	Missing Block Seal, Extent : Severe, Area				
	Location: In Tidal Zone Station 0+00	To 1+25			
Backfill					
Fill Topsoil	2% Now \$900	2064 *	*		В
Topson	Other Observation, Extent : Light, Area 1	2004			Ь
	Location: Stations 0+89, 0+98, And 1	==			
	Explanation: Small Sinkholes	131 (110m bount)			
Not Accessible	98%				D
Surface	70,0				
Asphalt	5% Now \$900	2039 *	* 5	\$100	В
•	Other Observation, Extent: Moderate, A	rea Affected : 100%			
	Location: Stations 0+89, 0+98, And 1	+54 (From South)			
	Explanation: Sinkholes				
Asphalt	25% 4+ \$2,200	2033 *	* 5	\$300	В
	Other Observation, Extent: Moderate, A	rea Affected : 25%			
	Location: Stations 1+60 To 2+10 (Fr	om South)			
	Explanation : Root Damage And Crack	zing			
Asphalt	70%	2033 *	* 5	\$1,700	В
	Cracking, Extent: Light, Area Affected:	10%			
	Location : Throughout				
Deck Elements					
Parapet	100%	2025			D
Concrete		2025			В
	Cracking, Extent : Light, Area Affected : Location : Throughout	3/0			
	Erosion, Extent : Light, Area Affected : 1	100%			
	Location: Erosion/Scaling Throughou				
	Other Observation, Extent: Light, Area				
	Location : Atop Coping Throughout				
	Explanation : Deteriorated Mortar Bea	lding			

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL BULKHEAD
Address : E 119TH TO E 120TH ST SUB 2 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR078.000 / 13824 Yr Built/Renovated :

Linear Ft : 285 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 28-Jan-2014 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$37,900	\$258,600
Total	\$37,900	\$258,600
Priority A	\$37,900	
Priority B		\$258,600
Total	\$37,900	\$258,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$18,000			\$1,600
Total	\$18,000			\$1,600
Priority A	\$12,800			
Priority B	\$5,200			\$1,600
Total	\$18,000			\$1,600



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

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

Bulkheads	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural	'					
Gravity Wall						
Conc w/Stone Face	25% 2-4 \$37, Cracking, Extent: Light, Area Aff Location: Outboard Face Above	ected : 10% e Mhw	* *	5	\$6,400	A
	Erosion, Extent: Moderate, Area Location: Outfall At 230 Ft Fro	m South				
	Spalling, Extent : Severe, Area Afj Location : Outboard Face Above	? Mhw				
	Explanation : Surface Scaling / S Other Observation, Extent : Light, Location : Outboard Face Abov.	Area Affected	: 20%			
	Explanation : Surface Scaling / S	Spalling				
Conc w/Stone Face	50% Missing Block Seal, Extent: Light Location: Isolated Areas In Tide		**	5	\$25,700	A
Not Accessible	25%					D
Backfill						
Fill						
Not Accessible	100%					D
Surface Asphalt Pavers	100% Settlement, Extent : Light, Area Aj	2034 fected : 2%	* *	5	\$3,300	В
	Location: Two 5 Ft By 5 Ft Area	as Of Settlemer	ıt At 134 And 180 l	Ft From	North End	
Deck Elements Railing						
Steel	100% 4+ \$5, Corrosion, Extent: Light, Area Af Location: Primarily At Basepla Missing Coating, Extent: Light, A Location: Primarily At Basepla	es rea Affected :	\$258,600 2%			В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL BULKHEAD

Address : FROM E 116TH ST SO FOR 118 FT HARLEM RIVER, SUB 10F BLK & LOT

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR082.000 / 13828 Yr Built/Renovated :

Linear Ft : 110 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 29-Jan-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1713 Lot : 38 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$99,800
Total		\$99,800
Priority B		\$99,800
Total		\$99,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$21,300			\$600
Total	\$21,300			\$600
Priority A	\$18,200			
Priority B	\$3,100			\$600
Total	\$21,300			\$600



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

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

Bulkheads	Current Repair	Future Replacement	N	laintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimated Cos FY	Cycle (Yrs)		Priority Code
Structural					
Gravity Wall					
Concrete	30% 2-4 \$12,600 Cracking, Extent: Moderate, Area A. Location: Throughout Concrete	ffected : 100%	· 5	\$100	A
	Spalling, Extent : Moderate, Area Afj	tected: 50%			
	Location: Throughout Concrete	A ACC . 1 500/			
	Other Observation, Extent: Severe, A	Area Affected : 50%			
	Location: Throughout Concrete				
g.	Explanation : Efflorescence	TIEE *;		411.200	
Stone	60%	LIFE	5	\$11,200	A
	Missing Block Seal, Extent : Modera Location : In Tidal Zone	te, Area Affectea : 75%			
Not Accessible	10%				D
Backfill					
Fill	1000/				D
Not Accessible	100%				D
Surface Asphalt Pavers	90%	2034 * *	• 5	\$1,100	В
Aspilait Faveis	Settlement, Extent : Light, Area Affec Location : Isolated Throughout		3	\$1,100	Б
Asphalt Pavers	5% 4+ \$1,10	0 2034 *:	• 5		В
·1	Other Observation, Extent: Moderat Location: 25 Ft From South End Explanation: Missing And Loose P	e, Area Affected : 100%			
Topsoil	5%	2023 \$300) 5		В
Deck Elements	370	2023	, ,		
Railing					
Steel	100% 4+ \$2,00 Corrosion, Extent : Light, Area Affec Location : Primarily At Baseplates)		В
	Missing Coating, Extent : Moderate, Location : Primarily At Baseplates	==			

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL BULKHEAD - SUB 1 OF ASSET TYPE Address : PED OVERPASS SO. OF TRIBORO BRDG NORTH SIDE OF 122ND ST.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR077.000 / 13823 Yr Built/Renovated :

Linear Ft : 810 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$604,000	\$786,100
Total	\$604,000	\$786,100
Priority A Priority B	\$604,000	\$51,100 \$735,000
Total	\$604,000	\$786,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$33,200	\$3,700	\$300	
Total	\$33,200	\$3,700	\$300	
Priority B	\$33,200	\$3,700	\$300	
Total	\$33,200	\$3,700	\$300	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL BULKHEAD - SUB 1 OF ASSET TYPE

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	Priority Code
Structural								
Gravity Wall								
Conc w/Stone Face	50%	4+	\$431,400	LIFE	* *	5	\$36,500	A
	_		ght, Area Affected .					
			d Face Above Mhw					
			Extent : Severe, Are					
			Stone Facing In Ti		2			
			vere, Area Affected					
	Location	: Through	out Concrete Abov	e Mhw				
Conc w/Stone Face	20%	Now	\$172,600	LIFE	* *	5	\$14,600	A
			vere, Area Affected					
	Location	: Widespr	ead Spalling Along	Top 2 F	t Of Wall			
Not Accessible	30%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt Pavers	80%			2037	* *	5	\$7,400	В
Asphalt Pavers	5%	Now	\$11,800	2039	* *	5	\$200	В
	Settlement	, Extent : N	Aoderate, Area Affe	ected : 20	0%			
	Location	: Offshore	e 2ft For 122ft Leng	th Starti	ng 100ft South Of I	Vorthern	Limit Of Asset	
Topsoil	15%			2023	\$6,200	5	\$600	В
Deck Elements								
Railing								
Steel	95%	4+	\$14,000	2023	\$698,300			В
	Other Obs	ervation, E	Extent : Light, Area	Affected	1:5%			
	Location	: Through	out					
	Explanat	ion : Coat	ing Loss					
Steel	5%	Now	\$7,400	2022	\$36,800			В
	Loose Con	nections, I	Extent : Severe, Are	a Affecte	ed : 100%			
			Railing Posts And			ft South	Of Northern Limit	
	Of Asset	And Exten	ding For 33 Ft In L	ength				

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL W/TIMBER CRIBBING FOUNDATION
Address : W 166 TO W 170 ST SO END OVERLAP 115 FT OF RIPRAP SUB 5 OF BL

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR075.000 / 13819 Yr Built/Renovated :

Linear Ft : 1,620 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 04-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2106 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$69,000	\$131,900
Total	\$69,000	\$131,900
Priority A Priority B	\$69,000	\$58,400 \$73,500
Total	\$69,000	\$131,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$90,300		\$2,200	
Total	\$90,300		\$2,200	
Priority A	\$27,800			
Priority B	\$47,100		\$2,200	
Priority C	\$15,400			
Total	\$90,300		\$2,200	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL W/TIMBER CRIBBING FOUNDATION

Asset #: 13819

Component Type Structural Coping/Curb Concrete Othe Loo Exp		FY LIFE at, Area Affected:	** 25%	Cycle (Yrs)	Estimated Cost	Code
Coping/Curb Concrete Othe Loo Exp	r Observation, Extent : Light eation : Throughout planation : Partial Loose Or 5% 2-4 \$15	t, Area Affected :		5	የያበስ	
Concrete Othe Loc Exp Stone	r Observation, Extent : Light eation : Throughout planation : Partial Loose Or 5% 2-4 \$15	t, Area Affected :		5	0082	
Stone	planation : Partial Loose On 5% 2-4 \$15	Missing Mortar			φουυ	С
Stone	5% 2-4 \$15		Bedding			
Loc	cation : 1565 Ft From North		**	5	\$100	С
	planation : Displaced Eleme					
Othe Loc	40% r Observation, Extent : Ligh			5	\$1,100	С
Gravity Wall	olanation : Loose Partial Mi	ssing Mortar Bea	aing			
Conc w/Stone Face Eros Loc Miss	38% ion, Extent : Light, Area Aff cation : Isolated Joints In Ti ing Block Seal, Extent : Mod cation : Throughout In Tida	dal Zone lerate, Area Affec	* * ted : 10%	5	\$55,500	A
Conc w/Stone Face		0,000 LIFE	* *	5	\$2,900	A
Expo Loo Spali Loo Othe Loo	ration: 425ft And 1210ft Fr sed Reinforcement, Extent: ration: 425 Ft And 820 Ft F ing, Extent: Moderate, Are ration: 1210 Ft From South r Observation, Extent: Ligh ration: Missing Block 1210 planation: Missing Block	Light, Area Affec From South a Affected : 30% At Drainage Out at, Area Affected :	rted : 1% fall; At Isolated (Construct	tion Joints	
	29%	LIFE	* *	5	\$1,900	A
Crac Loc Eros Loc Spali	king, Extent: Light, Area A cation: Isolated Throughous ion, Extent: Light, Area Aff cation: Isolated At Joints Ti ing, Extent: Light, Area Afj cation: Isolated At Joints Al	ffected : 5% ected : 25% aroughout Length ected : 2%	And In Tidal Zon		ψ1,500	71
	1% 4+ \$12 ing, Extent : Moderate, Are vation : Isolated At Joints At		**	5	\$100	A
	4% ing Block Seal, Extent : Moderation : Throughout Within		* * ted : 33%	5	\$5,500	A
	1% 4+ \$15 ing Part, Extent : Severe, An eation : Two Missing Blocks			5 uth	\$1,400	A
	25%			-		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.

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL W/TIMBER CRIBBING FOUNDATION

Asset #: 13819

Bulkheads	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill					
Fill Not Accessible	100%				D
Surface	10070				
Asphalt	45% 4+ \$12,500	2033 **	5	\$4,200	В
порнин	Cracking, Extent: Light, Area Affected		3	Ψ1,200	Ь
	Location: Isolated Throughout 310ft				
	Settlement, Extent : Moderate, Area Aff	ected : 5%			
	Location : Root Upheaval At 490 Ft F	From North			
Asphalt	20% 4+ \$8,300	2039 **	5	\$1,800	В
T	Settlement, Extent : Moderate, Area Aff- Location : Throughout	ected : 30%		, ,	
	Other Observation, Extent : Light, Area	Affected : 30%			
	Location: Throughout				
	Explanation: Upheaval Resulting Fro	om Tree Roots			
Concrete	20%	2033 **	5	\$3,700	В
	Cracking, Extent : Light, Area Affected	: 2%		,	
	Location: Isolated Throughout; And I	Northern 300 Ft			
	Surface Wearing/Scaling, Extent : Light	t, Area Affected : 2%			
	Location: Isolated Throughout; Sta 6	0+00 To 3+10 (from North)		
Topsoil	10%	2023 \$8,300	5	\$800	В
•	Settlement, Extent : Light, Area Affected	d: 10%			
	Location: Between 1560ft To 1620ft 1	From North			
Not Accessible	5%				D
	Other Observation, Extent : Light, Area	Affected : 0%			
	Location: Between 1020 Ft And 1560	Ft From North			
	Explanation: Debris Covering Surfac	re			
Deck Elements					
Railing					
Steel	5% 0-2 \$3,700	2022 \$73,500			В
	Loose Connections, Extent: Severe, Are	ea Affected : 100%			
	Location: At Base Of Railing	ACC . 1 1000/			
	Other Observation, Extent: Light, Area	00			
	Location: Throughout Between 1560			Dailina	
No Comment	Explanation: Minor Corrosion Typica	ai; moderale Corrosion Al	base Oj I	Kaiting	
No Component	95%				D
Parapet	90%	2028 **			В
Concrete	Other Observation, Extent : Light, Area				Ь
	Location : Throughout	Tyjecieu . 570			
	Explanation: Loose Or Missing Mort	ar With Crackino			
Concrete	5% 2-4 \$22,600	2029 **			В
Concrete	Other Observation, Extent: Moderate, 2	2029			ъ
	Location: 1565 Ft From North	. 11 ca 1 1 1 1 ca 1 1 1 1 1 1 1 1 1 1 1			
	Explanation: Displaced Elements Res	sulting From Tree Unheava	ıl		
No Component					D
No Component	5%				ע

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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY RETAINING WALL W/TIMBER PILES & CRIBBING FOUNDATION

Address : NO SIDE OF HIGH BRIDGE TO W 170 SUB 4 OF BL

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR074.000 / 13818 Yr Built/Renovated :

Linear Ft : 990 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 04-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2106 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$235,400	\$54,500
Total	\$235,400	\$54,500
Priority A	\$168,100	\$54,500
Priority B	\$67,300	
Total	\$235,400	\$54,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$13,700			\$5,100
Total	\$13,700			\$5,100
Priority A				
Priority B	\$4,200			\$5,100
Priority C	\$9,400			
Total	\$13,700			\$5,100



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL W/TIMBER PILES & CRIBBING FOUNDATION

Asset #: 13818

Bulkheads	Current Repair	Future Replacemen	: N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co	st Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Coping/Curb	~ 0.				a
Concrete	5%	LIFE	* 5		С
	Erosion, Extent : Light, Area Affected Location : Erosion/Scaling Through				
	Other Observation, Extent: Light, Are				
	Location: Northern 30ft Of Asset	u Ajjecieu . 1070			
	Explanation: Loose Or Missing Mor	tar Redding			
Stone	90%		* 5	\$1,500	С
Stone	Other Observation, Extent : Light, Are		3	ψ1,500	C
	Location: Throughout				
	Explanation : Loose Or Missing Mor	tar Bedding			
Stone	5% 2-4 \$9,400		* 5	\$100	С
Stone	Other Observation, Extent : Moderate,		5	Ψ100	C
	Location: 950ft From North	50			
	Explanation : Tree Upheaval Resulti	ng In Displaced Elements			
Gravity Wall					
Stone	65% 4+ \$122,400	LIFE *	* 5	\$54,500	A
	Missing Block Seal, Extent: Severe, A	==			
	Location: Throughout In Tidal Zone	!			
Timber Crib w/Stone	5% 4+ \$45,800	LIIL	* 4	\$1,400	A
	Rotting/Splitting, Extent: Moderate, A				
	Location: Throughout At Outboard	End In Tidal Zone			
Not Accessible	30%				D
Backfill					
Fill					
Not Accessible	100%				D
Surface	0.007	2020	-	410.200	ъ
Asphalt	90%	2039	* 5	\$10,200	В
	Cracking, Extent : Light, Area Affected Location : Throughout Northern 200				
			.1. =	Φ200	
Asphalt	5% Now \$4,200	2037	* 5	\$300	В
	Other Observation, Extent: Moderate,	==			
	Location: 950ft From North End Of		J., 1		
No Comment	Explanation : Tree Upheaval Resulti	ng In Displacement And C	гаскіпд		
No Component	5% Other Observation Extent: Light Are	a Affactad · 00/			D
	Other Observation, Extent : Light, Are Location : Northern 135ft Of Asset	и Ајјества : 0%			
	Explanation: Harlem River Drive				
Dook Floments	ълрининон . Пинет Kivei Drive				

Deck Elements

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.

DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL W/TIMBER PILES & CRIBBING FOUNDATION

Bulkheads	Curr	ent Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail I Total (Yea		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements							
Parapet							
Concrete	95% 4+	\$32,800	2028	* *			В
	Other Observati	on, Extent : Moderate,	Area Affe	ected : 5%			
	Location: Thr	oughout					
	Explanation:	Loose Or Missing Mor	tar				
Concrete	5% 2-4	\$34,500	2029	* *			В
	Displaced Eleme	ents, Extent : Severe, A	rea Affeci	ed : 100%			
	Location: Bro	ken/ Cracks/ Displaced	Due To	Tree Upheaval Bet	ween 920	ft And 953 ft	
	From North						

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY WALL

Address : BET FULTON LANDING AND PIER 1

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0045,000 / 13958 Yr Built/Renovated :

Linear Ft : 70 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 03-Nov-2010 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$48,200	\$63,500
Total	\$48,200	\$63,500
Priority A	\$48,200	
Priority B		\$63,500
Total	\$48,200	\$63,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads				
Total				
Priority A				
Priority B				

Total



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.

DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY WALL

Bulkheads	ds Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Gravity Wall							
Concrete	45% 4+ Cracking, Extent: Model Location: Throughout Erosion, Extent: Model Location: Tidal Zone Spalling, Extent: Model Location: At Top Of V 55%	erate, Area Affecte t Top Of Wall rate, Area Affected rate, Area Affected Wall At Pier 1	: 70% !: 5% LIFE		5	\$100 \$200	A
	Cracking, Extent : Ligh Location : Throughou		5%				
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Gravel	100%		2035	* *	2-5	\$200	В
Deck Elements							
Railing							
Steel	100%		2021	\$63,500			В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY WALL WEST HARLEM PIERS PARK

Address : WEST 125TH (ST. CLAIRS PL) TO W 133RD STS. HUDSON RIVER

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR031.000 / 13477 Yr Built/Renovated :

Linear Ft : 1,106 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 05-Mar-2013 Landmark Status : NONE

Areas Surveyed :

Block : 2004 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$83,900	\$4,100	\$900	\$8,000
Total	\$83,900	\$4,100	\$900	\$8,000
Priority A	\$75,900			
Priority B	\$8,000	\$4,100	\$900	\$8,000
Total	\$83,900	\$4,100	\$900	\$8,000



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.

DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY WALL WEST HARLEM PIERS PARK

Bulkheads	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Gravity Wall Conc w/Stone Face	10% 4+ Missing Block Sea Location : Throw	\$23,600 Il, Extent : Moderate, Ighout	LIFE Area Affe	* * cted : 10%	5	\$10,000	A
Concrete		\$21,100 Light, Area Affected : ughout Top Of Wall	LIFE 5%	* *	5	\$200	A
No Component		n, Extent : Light, Area : 36ft North Of 125th : utfall		: 0%			D
Not Accessible	Location : Mudli	n, Extent : Light, Area ine To Above The Tido omposite Sheeting For	al Zone	: 0%			D
Sheet Piles	•	1					
Steel	5% 4+ Corrosion, Extent Location : Throw	\$31,200 : Moderate, Area Affa Ighout Wall	LIFE ected : 100	**			A
No Component	95%						D
Wales							
Composite, 5' Water No Component	5% 95%		LIFE	* *			A D
Backfill Fill							
Not Accessible	100%						D
Surface							
Asphalt Pavers	5%		2037	* *	5	\$600	В
Concrete	60%		2037	* *	5	\$7,600	В
Topsoil	35%		2023	\$19,800	5	\$1,800	В
Fender							
Facing					_		_
Timber	55%		2037	* *	3	\$31,900	В
No Component	30%						D
Not Accessible	15%						D

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY WALL & WHARF
Address : SOUTH WEST WALL OF BASIN

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0048.000 / 13961 Yr Built/Renovated :

Linear Ft : 297 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 13-Oct-2010 Landmark Status : NONE

Areas Surveyed :

Block : 515 Lot : 61 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$279,600	
Total	\$279,600	
Priority A	\$279,600	
Total	\$279,600	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$102,800			\$1,200
Total	\$102,800			\$1,200
Priority A	\$35,000			
Priority B	\$67,900			\$1,200
Total	\$102,800			\$1,200



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY WALL & WHARF

Asset #: 13961

Bulkheads	Current l	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Gravity Wall	200/ 4	¢24.100	LIDD	* *	_	¢400	
Concrete	30% 4+ Broken, Extent : Sevention : Wall Cr Erosion, Extent : Mo Location : Through	acked And Displace derate, Area Affect	ed At Stat (0+60 To 0+70	5	\$400	A
Concrete	35%		LIFE	* *	5	\$400	Α
No Component	35%						D
Pile Supported Wall							
Concrete	20% Now Other Observation, I Location: Station: Explanation: Crac	2+30 To 3+10 (from		* *	5	\$1,200	A
Concrete	15%		2031	* *	5	\$1,800	A
No Component	65%					7-,000	D
Piles and Bracing	0070						
Timber	20% Now Broken, Extent : Seve Location : Station 2		2037 100%	* *	4	\$8,900	A
No Component	65%						D
Not Accessible	15%						D
Backfill	10,0						
Fill							_
Topsoil	40% Now Other Observation, I Location : Stations Explanation : Sinkl	0+00 To 0+25; 1+			0 (from S	South)	В
Not Accessible	60%						D
Surface							
Topsoil	55%		2020	\$8,300	5	\$800	В
Topsoil	45% Now	\$6,800	2022	\$6,800	5	\$300	В
Topson	Settlement, Extent : S Location : Stations	Severe, Area Affecte	ed : 100%	,			D
Gender							
Piles	400/ N	¢21.200	2027	* *	4	¢2.000	D
Timber	40% Now Broken, Extent : Seve Location : Or Miss		2037 - 100%	* *	4	\$2,800	В
Timber	35% Broken, Extent : Mod Location : Through		2031 ed : 100%	* *	4	\$2,500	В
No Component	25%						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.

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY WALL & WHARF

Bulkheads		Current F	lepair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender								
Wales and Chocks								
Timber	65%	Now	\$32,600	2037	* *	4	\$10,500	В
	Broken, Ex	xtent : Seve	re, Area Affected :	50%				
	Location	: Through	out					
No Component	35%							D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY WALL (STACKED STONE)

Address : ALONG RICHMOND TERRACE /TO DEP OUTFALL AT ST. PETERS PL

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DBS0036.000 / 13926 Yr Built/Renovated :

Linear Ft : 500 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 20-Oct-2010 Landmark Status : NONE

Areas Surveyed :

Block : 2 Lot : 601 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$71,300	\$42,400
Total	\$71,300	\$42,400
Priority A	\$71,300	\$42,400
Total	\$71,300	\$42,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$10,400			
Total	\$10,400			
Priority B	\$10,400			
Total	\$10,400			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY WALL (STACKED STONE)

Bulkheads	Cu	rrent Repair	Future F	Replacement	M	aintenance	
System Component Type		Date Estimated Cost ears)	Year E FY	Stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Gravity Wall							
Stone	15% 4	l+ \$71,300	LIFE	* *	5	\$6,400	A
	•	nents, Extent : Moderate estern End Of The Struc	. 55	ted : 50%			
Stone	85%		LIFE	* *	5	\$36,000	A
Backfill							
Fill							
Topsoil	5% N	ow \$5,100	2062	* *			В
	Erosion, Exten	t : Severe, Area Affectea	l : 60%				
	Location : Ste	ations 3+00 To 4+00, 2	+50 To 300,	And At 2+30 Fr	om East	End	
Not Accessible	95%						D
Surface							
Concrete	5%		2031	* *	5	\$300	В
Topsoil	20% N	ow \$5,100	2022	\$5,100	5	\$200	В
-	Erosion, Extent : Severe, Area Affected : 80%						
	Location : St	ations 3+00 To 4+00, 2	+50 To 300,	And At 2+30 (fr	om East)	
Topsoil	75%		2020	\$19,200	5	\$1,800	В

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GRAVITY WALL WITH MASONARY FACE BULKHEAD

Address : MID WASHINGTON/HAMILTON BRIDGE - SO SIDE HAMILTON BRIDGE SUB 2 BL

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR072.000 / 13816 Yr Built/Renovated :

Linear Ft : 287 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 03-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2106 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$54,600	
Total	\$54,600	
Priority A	\$54,600	
Total	\$54,600	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads			\$1,100	
Total			\$1,100	
Priority A Priority B Priority C			\$1,100	
Total			\$1,100	_



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY WALL WITH MASONARY FACE BULKHEAD

Bulkheads	Current Repair	Futu	re Replacement	М	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Coping/Curb						
Stone	100%	LIFE	**	5	\$500	C
	Other Observation, Extent:		l : 10%			
	Location: Throughout At T		4 17 . 6 1			
Consider Well	Explanation : Partial Loss	Of Mortar Bedding	And Joint Seal			
Gravity Wall Stone	100% 4+	\$54,600 LIFE	* *	5	\$24,300	Α
Stolle	Erosion, Extent : Light, Area	. ,		3	\$24,300	A
	Location : Mid Asset At Co					
	Missing Part, Extent : Mode		: 10%			
	Location : Mid Asset At O					
	Missing Block Seal, Extent:	-	ected : 20%			
	Location : Throughout In T	idal Zone				
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Asphalt	70%	2033	* *	5	\$2,300	В
	Cracking, Extent : Light, Are					
	Location: Isolated Throug					
	Settlement, Extent : Light, A					
	Location : Isolated Throug	поит				
No Component	30%					D
Deck Elements						
Parapet Concrete	100%	2025				В
Concrete	Cracking, Extent : Light, Are					D
	Location: Throughout	и Аујестей . 570				
	Other Observation, Extent:	Light, Area Affected	1 : 5%			
	Location: Atop Coping An					
	Explanation : Deteriorated					
-	T	• • • • • • • • • • • • • • • • • • • •				

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HARBOR CHARLIE BULKHEAD UNDER BUILDING

Address : FOOT OF 63RD ST. NEXT TO BAT

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR032.000 / 13478 Yr Built/Renovated :

Linear Ft : 525 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 17-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : 5778 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$678,000	
Total	\$678,000	
Priority A	\$678,000	
Total	\$678,000	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$33,400	\$300		
Total	\$33,400	\$300		
Priority A				
Priority B	\$33,400	\$300		
Priority C				
Total	\$33,400	\$300		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 HARBOR CHARLIE BULKHEAD UNDER BUILDING

Asset #: 13478

Bulkheads	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Structural				
Gravity Wall				
Concrete	15% Now \$120,500		5 \$300	A
	Progressing Scour, Extent : Severe, A Location : Beneath Building Up To			
	Other Observation, Extent : Severe, A	Area Affected : 100%		
	Location : Beneath Building. Previo Threaten Stability Of The Pile Suppo Explanation : Failure And Fill Loss	orted Building	Bulkhead Does Not	
C .			r	
Concrete	17% 4+ \$136,500 Other Observation, Extent: Moderate Location: Beneath Wharf	J LIFE	5 \$400	A
	Explanation : General Deterioration	n		
No Component	68%			D
Revetment				
Stone	20%	LIFE **	5 \$600	C
No Component	80%			D
Sheet Piles				
Steel	17% 4+ \$302,500	O LIFE **		A
	Corrosion, Extent : Moderate, Area A	Affected : 25%		
	Location: Splash And Tidal Zones			
	Other Observation, Extent : Moderate	e, Area Affected : 100%		
	Location: 110 Ft Long Section West	t Of Wharf		
	Explanation: Installed Out Of Plun	nb		
Steel	10% Now \$118,600	O LIFE **		A
	Broken, Extent : Moderate, Area Affe	cted : 100%		
	Location : Beneath Building For 60	Ft		
	Progressing Scour, Extent : Severe, A Location : Beneath Building	Area Affected : 100%		
Steel	16%	LIFE **		A
	Corrosion, Extent : Light, Area Affect Location : Isolated Throughout			
No Component	52%			D
Not Accessible	5%			D
Backfill Fill				
Sand	25% Now \$28,100	0 2054 **	5 \$100	В
24110	Loss of Backfill, Extent : Severe, Area Location : Beneath Building Up To	a Affected : 100%	Ψ100	2
Not Accessible	75%			D
Surface				
Asphalt	10%	2037 **	5 \$600	В
Topsoil	20% 2-4 \$5,400		5 \$200	В
-	Settlement, Extent : Moderate, Area A Location : Behind Sheet Pile Wall W	Affected : 50%		
Not Accessible	70%			D
1.0011000001010				

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

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HIGH-LEVEL DECK (WHARF) BULKHEAD

Address : SO TIP AND SO SIDE CON ED SITE INTO SHERMAN CREEK

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR063.000 / 13805 Yr Built/Renovated :

Linear Ft : 378 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 2183 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$232,400	
Total	\$232,400	
Priority A	\$232,400	
Total	\$232,400	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$52,000			
Total	\$52,000			
Priority A				
Priority B	\$52,000			
Total	\$52,000			



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.

DEPT. OF SMALL BUSINESS SERV. - 801 HIGH-LEVEL DECK (WHARF) BULKHEAD

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Gravity Wall								
Concrete	15%		\$43,400	LIFE	* *	5	\$200	A
			derate, Area Affect		%			
	Location	ı : At Joints	Stations 0+00 To	2+35				
Concrete	55%	4+	\$31,800	LIFE	* *	5	\$800	A
	Cracking,	Extent: Li	ght, Area Affected	: 5%				
	Location	ı : Through	out					
	Erosion, E	Extent : Lig	ht, Area Affected : .	20%				
	Location	ı : Through	out In Tidal Zone A	And At To	pp Of Wall			
Timber Crib w/Stone	15%	Now	\$157,200	LIFE	* *	4	\$1,700	A
	Other Obs	servation, E	Extent : Severe, Are	a Affecte	d: 100%		. ,	
	Location	ı : Stations	3+15 To 3+85 (F	rom East)			
	Explana	tion : Colla	ipse					
No Component	15%							D
Backfill								
Fill								
Topsoil	15%	Now	\$3,500	2064	* *			В
	Other Obs	servation, E	Extent : Severe, Are	a Affecte	d: 100%			
	Location	ı : Station 3	3+15 To 3+85					
	Explana	tion : Struc	ture Failed					
No Component	15%							D
	Other Obs	servation, E	Extent : Light, Area	Affected	: 0%			
	Location	ı : At Intake	e Location					
	Explana	tion : No B	ackfill					
Not Accessible	70%							D

DEPT. OF SMALL BUSINESS SERV. - 801 HIGH-LEVEL DECK (WHARF) BULKHEAD

Bulkheads	Current Repair	Future Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill					
Surface					
Asphalt	50% 4+ \$16,200	2039 **	5	\$1,100	В
	Cracking, Extent : Moderate, Area Aff				
	Location : Throughout From 0+00 T	,			
	Other Observation, Extent : Moderate,				
	Location: Throughout From 0+00 T	To 1+90			
	Explanation: Vegetation Growth				
Concrete	10% 4+ \$12,900	2039 * *	5	\$200	В
	Cracking, Extent : Moderate, Area Aff	ected : 30%			
	Location : Above Dep Outfall Station	1 2+85 To 3+15 (From East	t)		
	Settlement, Extent : Moderate, Area Aj	fected : 50%			
	Location: Above Dep Outfall Station	<i>i</i> 2+85 To 3+15			
Concrete	15% Now \$19,400	2039 * *	5	\$300	В
	Other Observation, Extent: Severe, Ar	ea Affected : 100%			
	Location: Station 3+15 To 3+85				
	Explanation: Complete Failure				
No Component	15%				D
•	Other Observation, Extent: Light, Are	a Affected : 0%			
	Location: At Intake Location				
	Explanation : No Surface				
Not Accessible	10%				D
	Other Observation, Extent : Light, Are	a Affected : 0%			
	Location: East Of Intake Location				
	Explanation: Vegetation				

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HUNTS POINT PENINSULA FRUIT AUCTION BLDG., BAZINI NUTS

Address : FOOD CENTER DRIVE / TO RANDALL AVE.

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBSR027.012 / 4233 Yr Built/Renovated : 1900 /

Linear Ft : 1,295 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 2770 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$727,000	\$66,200
Total	\$727,000	\$66,200
Priority B Priority C	\$49,600 \$677,400	\$66,200
Total	\$727,000	\$66,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads		\$800		
Total		\$800		
Priority B Priority C		\$800		
Total		\$800		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT PENINSULA FRUIT AUCTION BLDG., BAZINI NUTS

Bulkheads	Current Re	epair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Revetment							
Stone	70% 4+	\$632,300	LIFE	* *	5	\$5,400	C
	Other Observation, Ex	tent : Light, Area	Affected	: 50%			
	Location: Throughout	ut					
	Explanation: Non-er	igineered Revetme	ent				
Stone	5% Now	\$45,200	LIFE	* *	5	\$400	С
	Erosion, Extent: Mode	erate, Area Affecte	ed : 100%	6			
	Location: Just South	of The Dep Pum	ping Stat	ion			
Stone	25%		LIFE	* *	5	\$1,900	С
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Topsoil	75% 0-2	\$49,600	2024	\$49,600	5	\$2,300	В
	Erosion, Extent : Mode	erate, Area Affecte	ed : 60%				
	Location:						
Topsoil	25%		2022	\$16,500	5	\$1,500	В

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HUNTS POINT PENINSULA, BUDWEISER SITE

Address : 400-600 FOOD CTR DR, PARK SO. OF KRASDALE PROPERTY, HUNTS POINT

Borough : BRONX Agency's Number : N/A

Linear Ft : 1,176 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 2781 Lot : 500 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$60,100
Total		\$60,100
Priority B		\$60,100
Total		\$60,100

EXPENSE	FY 2016	FY 2017 FY 201	8 FY 2019
Bulkheads	\$9,000	\$2,70	0
Total	\$9,000	\$2,70	0
Priority A Priority B Priority C	\$9,000	\$2,70	0
Total	\$9,000	\$2,70	0



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.

DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT PENINSULA, BUDWEISER SITE

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Gravity Wall								
Concrete	75%			LIFE	* *	5	\$3,600	A
No Component	25%							D
Revetment								
Stone	100%			LIFE	* *	5	\$7,000	C
Backfill Fill								
Topsoil	3%	0-2	\$7,200	2064	* *			В
	Erosion, E	xtent : Mo	derate, Area Affect	ed : 100%	6			
	Location	: North Er	nd Of Gravity Wall					
Not Accessible	97%							D
Surface								
Topsoil	97%			2023	\$58,300	5	\$5,300	В
Topsoil	3%	0-2	\$1,800	2024	\$1,800	5	\$100	В
	Erosion, E	xtent : Mo	derate, Area Affect	ed : 100%	6			
	Location	: North Er	nd Of Gravity Wall					
Deck Elements								
Railing								
No Component	25%							D
Under Construction	75%							D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HUNTS POINT PENINSULA, KRASDALE FOODS INC. (KFI)

Address : 400 FOOD CENTER DRIVE HUNTS POINT

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBSR027.013 / 4234 Yr Built/Renovated : 1900 /

Linear Ft : 1,371 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 2781 Lot : 500 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$133,900	\$67,000
Total	\$133,900	\$67,000
Priority B		\$67,000
Priority C	\$133,900	
Total	\$133,900	\$67,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$14,900	\$800	\$2,300	\$400
Total	\$14,900	\$800	\$2,300	\$400
Priority A				
Priority B	\$14,900	\$800	\$2,300	\$400
Priority C				
Total	\$14,900	\$800	\$2,300	\$400



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT PENINSULA, KRASDALE FOODS INC. (KFI)

Bulkheads		Current F	Repair	Future Replacen		placement Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural									
Gravity Wall									
Concrete	80%			LIFE	* *	5	\$4,400	A	
No Component	20%							D	
Revetment			*		* *	_	* 400	~	
Stone	5% Missina P	0-2	\$47,800 : Moderate, Area A	LIFE		5	\$400	С	
	_		out With The Wors			l			
Stone	15%	4+	\$86,100	LIFE	* *	5	\$1,200	C	
	Other Obs	ervation, E	xtent : Light, Area	Affected	: 50%		. ,		
	Location	: Through	out						
	Explana	tion : Loos	e Stones						
Stone	80%			LIFE	* *	5	\$6,600	С	
Backfill									
Fill									
Topsoil	2%	Now	\$5,600	2064	* *			В	
			ere, Area Affected						
	Location	: One Sink	khole At North End	And One	e 150 Ft From Nor	th End			
Not Accessible	98%							D	
Surface									
Asphalt	20%			2033	* *	5	\$3,100	В	
Asphalt	5%	Now	\$5,900	2039	* *	5	\$400	В	
			evere, Area Affecte						
	Location	: One Sink	khole At North End	And One	e 150 Ft From Nor	th End			
Gravel	54%			2033	* *	2-5	\$2,300	В	
Gravel	1%	Now	\$1,100	2039	* *	2-5		В	
			evere, Area Affecte						
	Location	: Sinkhole	And Settlement 48	0 Ft Froi	m South End				
Topsoil	20%			2022	\$14,000	5	\$1,300	В	
	Settlement	, Extent : L	ight, Area Affectea	! : 10%					
	Location	: Isolated	Areas Throughout						
Deck Elements									
Railing									
Fencing	95%			2025	\$67,000	3	\$700	В	
Fencing	5%	0-2	\$2,100	2028	* *	3		В	
			t, Area Affected : 7		_				
	Location	: 4 Locatio	ons Of Broken Fen	ce Posts	From Impact				

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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HUNTS POINT PENINSULA, SULTANA DISTRIBUTION SERVICES

Address : 600 FOOD CENTER DRIVE / FROM FARRAGUT STREET

Borough : BRONX Agency's Number : N/A

Linear Ft : 786 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 2781 Lot : 500 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$723,100	
Total	\$723,100	
Priority A	\$532,100	
Priority B	\$191,000	
Total	\$723,100	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$11,500		\$4,300	\$100
Total	\$11,500		\$4,300	\$100
Priority A	\$11.500		#4.200	Φ100
Priority B Priority C	\$11,500		\$4,300	\$100
Total	\$11,500		\$4,300	\$100



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

DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT PENINSULA, SULTANA DISTRIBUTION SERVICES

Bulkheads		Current F	Repair	Future Replacement		t Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural				1				I
Coping/Curb								
Timber	40%			LIFE	* *	5	\$200	C
No Component	60%							D
Pile Supported Wall								
Concrete	70%	4+	\$532,100	2033	* *	5	\$11,000	Α
			Extent : Light, Area	Affected	: 5%			
			Edge Of Wall					
		tion : Erosi	ion And Spalling W	ith Expos	sed Reinforcement			
No Component	30%							D
Piles and Bracing								_
No Component	30%							D
Not Accessible	70%							D
Revetment	200/			T TEE	ale ale	_	φ1 400	C
Stone	30%			LIFE	* *	5	\$1,400	C
No Component	70%							D
Backfill Fill								
Topsoil	5%	0-2	\$8,000	2064	* *			В
1	Erosion, I	Extent : Mo	derate, Area Affect	ed: 100%	%			
	Location	ı : Sinkhole	At Northern End (Of Platfor	rm			
Not Accessible	95%							D
Surface								
Asphalt	95%			2033	* *	5	\$8,500	В
Asphalt	5%	Now	\$3,400	2039	* *	5	\$200	В
-	Settlemen	t, Extent : S	evere, Area Affecte	ed : 100%	ó			
	Location	ı : Sinkhole	At Northern End (Of Platfor	rm			
Fender								
Piles	-0		400.000				***	_
Timber	70%		\$98,300	2039	* *	4	\$13,200	В
			ere, Area Affected :	50%				
		: Through		. 1 50	0/			
			: Severe, Area Affe	ected : 50	%			
			Connections	. 1 100	2./			
			: Severe, Area Affe	ctea : 105	%			
		ı : Through		Affacts 1	500/			
		outung, Ext 1 : Through	ent : Severe, Area .	нујестеа :	3070			
N. C			Oui					
No Component	30%							D

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT PENINSULA, SULTANA DISTRIBUTION SERVICES

Bulkheads	Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender							
Wales and Chocks							
Timber	70% Now	\$92,800	2039	* *	4	\$29,900	В
	Broken, Extent : Seven	re, Area Affected :	50%				
	Location : Througho	out					
	Loose Connections, E.	xtent : Severe, Are	a Affecte	ed : 50%			
	Location: Througho	out					
	Rotting/Splitting, Exte	nt : Severe, Area A	Affected	: 50%			
	Location : Througho	out					
No Component	30%						D
Deck Elements							
Railing							
Fencing	100%		2028	* *	3	\$400	В

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : HUNTS POINT/STEEL SHEET PILE BULKHEAD AND REVETMENT

Address : RANDALL AVE. / TO LAFAYETTE AVE.

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBSR027.011 / 4232 Yr Built/Renovated : 1900 /

Linear Ft : 2,615 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 2770 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$359,300	\$133,600
Total	\$359,300	\$133,600
Priority B Priority C	\$40,100 \$319,200	\$133,600
Total	\$359,300	\$133,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$8,000	\$4,300		
Total	\$8,000	\$4,300		
Priority B Priority C	\$8,000	\$4,300		
Total	\$8,000	\$4,300		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT/STEEL SHEET PILE BULKHEAD AND REVETMENT

	Current F	Repair	Futur	e Replacement	M	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
35%			LIFE	* *	5	\$5,500	C
35%	4+	\$319,200	LIFE	* *	5	\$5,500	C
			Area Affe	cted : 100%			
			ent				
30%							D
25%			LIFE	* *			A
70%							D
5%							D
5%	Now	\$8,000	2064	* *			В
Other Observation, Extent: Moderate, Area Affected: 10%							
Location	: 4 Locatio	ons Behind Sheet P	ile Cells				
Explanati	ion : Sinkh	oles					
95%							D
30%	Now	\$40,100	2024	\$40,100	5	\$1,800	В
Erosion, E.	xtent : Mod	derate, Area Affect	ed : 30%				
Location	: Above Re	evetment					
Settlement,	Extent : S	evere, Area Affecte	d : 5%				
Location	: Isolated	Sinkholes Behind S	teel Shee	et Pile Bulkhead			
70%			2022	\$93,500	5	\$8,600	В
	35% 35% 35% Other Obsel Location Explanat 30% 25% 70% 5% Other Obsel Location Explanat 95% 30% Erosion, E. Location Settlement, Location	35% 35% 35% 35% 4+ Other Observation, E Location: Throughe Explanation: Non-e 30% 25% 70% 5% Now Other Observation, E Location: 4 Locatio Explanation: Sinkh 95% 30% Now Erosion, Extent: Mod Location: Above Re Settlement, Extent: S Location: Isolated	35% 35% 4+ \$319,200 Other Observation, Extent: Moderate, A Location: Throughout Explanation: Non-engineered Revetme 30% 25% 70% 5% Now \$8,000 Other Observation, Extent: Moderate, A Location: 4 Locations Behind Sheet P Explanation: Sinkholes 95% 30% Now \$40,100 Erosion, Extent: Moderate, Area Affecte Location: Above Revetment Settlement, Extent: Severe, Area Affecte Location: Isolated Sinkholes Behind S	% of Total (Years) 35% LIFE 35% 4+ \$319,200 LIFE Other Observation, Extent: Moderate, Area Affe Location: Throughout Explanation: Non-engineered Revetment 30% 25% LIFE 70% 5% LIFE 4 Now \$8,000 2064 Other Observation, Extent: Moderate, Area Affe Location: 4 Locations Behind Sheet Pile Cells Explanation: Sinkholes 95% 30% Now \$40,100 2024 Erosion, Extent: Moderate, Area Affected: 30% Location: Above Revetment Settlement, Extent: Severe, Area Affected: 5% Location: Isolated Sinkholes Behind Steel Sheet	% of Total (Years) 35% LIFE ** 35% 4+ \$319,200 LIFE ** Other Observation, Extent: Moderate, Area Affected: 100% Location: Throughout Explanation: Non-engineered Revetment 30% 25% LIFE ** 70% 5% Now \$8,000 2064 ** Other Observation, Extent: Moderate, Area Affected: 10% Location: 4 Locations Behind Sheet Pile Cells Explanation: Sinkholes 95% 30% Now \$40,100 2024 \$40,100 Erosion, Extent: Moderate, Area Affected: 30% Location: Above Revetment Settlement, Extent: Severe, Area Affected: 5% Location: Isolated Sinkholes Behind Steel Sheet Pile Bulkhead	Soft Fail Date Estimated Cost FY Estimated Cost Cycle Total (Years) Estimated Cost FY Cycle (Yrs)	% of Fail Date Estimated Cost Year Estimated Cost (Yrs)

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : LOW-LEVEL RELIEVING PLATFORM / TIMBER PILE SUPPORTED BULKHEAD

Address : MIDWAY E 94TH & E 93RD ST TO E 93 ST SUB 3 OF BL, SUB 1 OF AT

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR101.000 / 13849 Yr Built/Renovated :

Linear Ft : 250 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 06-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1573 Lot : 52 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$178,600	\$226,900
Total	\$178,600	\$226,900
Priority A	\$178,600	
Priority B		\$226,900
Total	\$178,600	\$226,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$4,500			\$1,400
Total	\$4,500			\$1,400
Priority A				
Priority B	\$4,500			\$1,400
Total	\$4,500			\$1,400



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM / TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Relieving Platform Top						
Concrete/Stone	80%	LIFE	* *	10		A
	Cracking, Extent : Light, Area Affecte					
	Location : Outboard Face Above Mi					
	Missing Block Seal, Extent : Severe, A		d : 40%			
	Location: Between Stone Facing In	Tidal Zone				
Concrete/Stone	20% 2-4 \$49,200	LIFE	* *			A
	Broken, Extent : Severe, Area Affected	l : 20%				
	Location: Broken Stone Panels At N	orth End O	fAsset			
	Spalling, Extent : Moderate, Area Affe	ected : 25%				
	Location : Along Top Of Concrete T	hroughout				
Piles and Bracing						
Not Accessible	100%					D
Pile Caps						
Timber	15% Now \$129,400	LIFE	* *	4	\$300	A
	Rotting/Splitting, Extent: Severe, Area	a Affected :	100%			
	Location: At Outboard Ends					
Not Accessible	85%					D
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Asphalt Pavers	100%	2034	* *	5	\$2,900	В
	Settlement, Extent : Light, Area Affect					
	Location: Offset 3ft From Outboard	Face Thro	ughout			
Deck Elements						
Railing						
Steel	100% 4+ \$4,500		\$226,900			В
	Missing Coating, Extent: Light, Area	Affected : 1	0%			
	Location: Throughout					

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : LOW-LEVEL RELIEVING PLATFORM BULKHEAD
Address : W 201 ST TO END OF CON ED SITE HARLEM RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR062.000 / 13804 Yr Built/Renovated :

Linear Ft : 282 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 26-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2183 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$562,400	
Total	\$562,400	
Priority A	\$512,000	
Priority B	\$50,400	
Total	\$562,400	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$65,400			
Total	\$65,400			
Priority A				
Priority B	\$47,300			
Priority C	\$18,100			
Total	\$65,400			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM BULKHEAD

Asset #: 13804

Bulkheads	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
Structural				
Coping/Curb Timber	100% Now \$18,100 Missing Part, Extent : Severe, Area Aff	LIFE **	5 \$200	C
	Location : Throughout Rotting/Splitting, Extent : Severe, Area Location : At Isolated Locations	Affected : 20%		
Gravity Wall				
Conc w/Stone Face	25% 4+ \$37,500 Missing Block Seal, Extent : Severe, An Location : Throughout	LIFE ** rea Affected : 100%	5 \$6,400	A
Concrete	55% Now \$474,500	LIFE **	5 \$600	A
	Displaced Elements, Extent: Severe, A Location: Missing/Displaced Stones Other Observation, Extent: Severe, Ar Location: Station 1+95 To 2+82 (F Explanation: Collapsed	At 0+30 To 0+50 And 1+4 ea Affected : 100%	7 To 1+95	
Not Accessible	20%			D
Backfill				
Fill Sand	30% Now \$18,100 Loss of Backfill, Extent : Severe, Area Location : Station 1+95 To 2+82 (F.		5 \$100	В
Not Accessible	70%	<u> </u>		D
Surface				
Asphalt	23% 4+ \$5,600 Cracking, Extent : Moderate, Area Affe Location : Throughout From Station		5 \$400	В
Asphalt	30% Now \$7,200 Other Observation, Extent: Severe, Ar Location: Station 1+95 To 2+82 (F Explanation: Surface Failed Due To	rom North)	5 \$500	В
Concrete	17% 4+ \$16,400 Cracking, Extent : Moderate, Area Affe Location : Throughout Station 0+94		5 \$300	В
Not Accessible	30% Other Observation, Extent: Light, Area Location: Explanation: Obscured By Vegetatio	-		D
Fender				
Piles	1000/ 100	2020	4 000	ъ
Timber	100% Now \$50,400 Missing Pile, Extent : Severe, Area Affo Location : Throughout	2039 ** ected : 90%	4 \$6,800	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.

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Address : E 118TH TO E 119TH ST SUB 1 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR079.000 / 13825 Yr Built/Renovated :

Linear Ft : 305 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 28-Jan-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1815 Lot : 25 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$120,000	\$276,800
Total	\$120,000	\$276,800
Priority A	\$120,000	
Priority B		\$276,800
Total	\$120,000	\$276,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$24,200		\$1,700	
Total	\$24,200		\$1,700	
Priority A	\$18,700			
Priority B	\$5,500		\$1,700	
Total	\$24,200		\$1,700	



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.

DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Relieving Platform Top						
Concrete/Stone	50% 2-4 \$120,000 Broken, Extent: Severe, Area Affected	LIFE	* *			A
	Location : Stone Face At Outfall 25 I					
	Cracking, Extent: Light, Area Affected					
	Location: Outboard Face Above Mh					
	Spalling, Extent : Moderate, Area Affe					
	Location: 7 Locations Totalling 60ft		Wall			
	Other Observation, Extent: Moderate,					
	Location: Outboard Face Above Mh		.,,,,,			
	Explanation : Surface Scaling/spalls					
Concrete/Stone	50%	LIFE	* *	10		A
	Missing Block Seal, Extent : Light, Are	ea Affected : 25	?%			
	Location: Between Stone Facing In	Tidal Zone				
Piles and Bracing						
Timber	5%	2028	* *	4	\$3,400	Α
Not Accessible	95%					D
Pile Caps						
Timber	10% 4+ \$17,500	LIFE	* *	4	\$200	Α
	Rotting/Splitting, Extent: Light, Area					
	Location: Throughout At Outboard	Face				
Not Accessible	90%					D
Backfill						
Fill	1000/					ъ
Not Accessible	100%					D
Surface Asphalt Pavers	100%	2038	* *	5	\$3,500	В
Deck Elements	100%	2038			\$5,500	
Railing						
Steel	100% 4+ \$5,500	2024	\$276,800			В
Steel	Corrosion, Extent : Light, Area Affecte		Ψ270,000			D
	Location : Primarily At Baseplates					
	Missing Coating, Extent: Light, Area	Affected : 5%				
	Location : Primarily At Baseplates					

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Address : E 117TH TO E 118TH ST SUB 2 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR080.000 / 13826 Yr Built/Renovated :

Linear Ft : 260 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 28-Jan-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1716 Lot : 28 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$51,100	\$118,000
Total	\$51,100	\$118,000
Priority A	\$51,100	
Priority B		\$118,000
Total	\$51,100	\$118,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$32,500		\$1,500	
Total	\$32,500		\$1,500	
Priority A	\$23,400			
Priority B	\$9,100		\$1,500	
Total	\$32,500		\$1,500	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

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	Priority Code
Structural								
Relieving Platform Top								
Concrete/Stone	25%		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LIFE	* *	10		Α
	Location	: Outboar	ght, Area Affected . d Face Above Mhw	,				
	_		Extent : Light, Area Stone Facing In Ti					
Concrete/Stone	25%	2-4	\$51,100	LIFE	* *			A
			Extent : Moderate, A					
			d Face Above Mhw	Elevatio	on			
	Explanat	ion : Surfa	ce Scaling / Spalls					
Not Accessible	50%							D
Piles and Bracing								
Timber	5%			2028	* *	4	\$2,900	Α
Not Accessible	95%							D
Pile Caps		_						
Timber	5%	4+	\$22,400	LIFE	* *	4	\$100	Α
			ent : Light, Area Aj d Face Of Pile Cap		50%			
Not Accessible	95%							D
Backfill Fill								
Not Accessible	100%							D
Surface								
Asphalt Pavers	100%			2038	* *	5	\$3,000	В
			ight, Area Affected	: 5%				
	Location	: At North	Side Of Pier					
Deck Elements								
Railing	=0-			2020		_	***	-
Fencing	50%	Now	\$6,700	2030	**	3	\$100	В
	=		Extent : Moderate, Pier On South End					
Steel			\$2,400 ight, Area Affected y In Baseplates	2024 : 5%	\$118,000			В
			ent : Moderate, Ard	ea Affect	ed : 5%			
	_	_	y In Baseplates	11,,, 0011				

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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Address : E 117TH TO E 116TH ST SUB 3 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR081.000 / 13827 Yr Built/Renovated :

Linear Ft : 270 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 29-Jan-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1715 Lot : 53 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$127,500	\$245,000
Total	\$127,500	\$245,000
Priority A	\$127,500	
Priority B		\$245,000
Total	\$127,500	\$245,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$37,000		\$100	\$1,400
Total	\$37,000		\$100	\$1,400
Priority A	\$32,100			
Priority B	\$4,900		\$100	\$1,400
Total	\$37,000		\$100	\$1,400



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Relieving Platform Top						
Concrete/Stone	60% 2-4 \$127,500 Cracking, Extent: Light, Area Affected Location: Outboard Face Above Mh Spalling, Extent: Light, Area Affected Location: Isolated Locations Along	w : 10%	**			A
	Other Observation, Extent : Moderate,	Area Affec	eted : 50%			
	Location: Outboard Face Above Mh	w				
	Explanation: Surface Scaling/spalling	1g				
Concrete/Stone	40%	LIFE	* *	10		A
	Missing Block Seal, Extent: Moderate, Location: Throughout Tidal Zone	, Area Affeo	cted : 75%			
Piles and Bracing						
Timber	5%	2028	* *	4	\$3,000	A
Not Accessible	95%					D
Pile Caps Timber	10% 4+ \$31,100 Rotting/Splitting, Extent: Light, Area Location: Throughout At Outboard I			4	\$200	A
Not Accessible	90%					
Backfill Fill	70/0					
Not Accessible	100%					D
Surface	100/0					
Asphalt Pavers	90% Settlement, Extent : Light, Area Affecte	2034	* *	5	\$2,800	В
	Location: 4 Asphalt Patch Areas	a. 570				
Topsoil	10%	2023	\$1,400	5	\$100	В
Deck Elements						
Railing						
Steel	100% 4+ \$4,900 Corrosion, Extent: Light, Area Affecte Location: Primarily In Baseplates Missing Coating, Extent: Moderate, A		\$245,000 d:5%			В
	Location : Primarily In Baseplates		· - / *			

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD Address : E 114TH ST TO NO SIDE E 111TH ST HARLEM RIVER,SUB 2 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR084.000 / 13830 Yr Built/Renovated :

Linear Ft : 850 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 30-Jan-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1705 Lot : 21 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$205,000	\$771,300
Total	\$205,000	\$771,300
Priority A	\$205,000	
Priority B		\$771,300
Total	\$205,000	\$771,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$42,200			
Total	\$42,200			
Priority A	\$24,500			
Priority B	\$17,800			
Total	\$42,200			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	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
Structural				
Relieving Platform Top	600/	T TEXT	10	
Concrete/Stone	60% Cracking, Extent : Moderate, Area Aff	LIFE **	10	A
	Location: Outboard Face Above MI			
	Other Observation, Extent: Moderate			
	Location: Outboard Face Above Mhw			
	Explanation : Efflorescence			
Concrete/Stone	40% 2-4 \$133,800	LIFE **		A
	Spalling, Extent : Moderate, Area Affe	ected : 50%		
	Location: Intermittent From 111th S	St North For 575 Ft		
Piles and Bracing				
Timber	5% 4+ \$71,200		4 \$6,400	A
	Rotting/Splitting, Extent : Light, Area Location : Outboard End	Affected: 10%		
NT - 4 A 11 I -	-			D.
Not Accessible	95%			D
Pile Caps Timber	5% 4+ \$24,500	LIFE **	4 \$300	A
Timber	Rotting/Splitting, Extent: Moderate, A		τ ψ500	71
	Location : Outboard End	30		
Not Accessible	95%			D
Backfill				
Fill				
Not Accessible	100%			D
Surface	000/ 4 016 000	2038 **	7	ъ.
Asphalt Pavers	98% 4+ \$16,200 Other Observation, Extent : Moderate	2030	5 \$4,800	В
	Location: 5 Ft South Of E 114th St	, Area Affectea . 170		
	Explanation: Upheaval			
Topsoil	2%	2024 \$900	5 \$100	В
Deck Elements	- · · ·		7-00	
Railing				
Steel	90%	2023 \$694,200		В
	Missing Coating, Extent: Light, Area			
	Location: Throughout Primarily At Baseplates			
	Rusted Steel Surface, Extent: Light, A			
G. 1	Location: Throughout Primarily At	-		
Steel	10% 0-2 \$1,500			В
	Other Observation, Extent : Moderate Location : Throughout	, Агей Ајјесіей : 100%		
	Explanation : Undermining Of Bases	plates Due To Spalling		
	Explanation . Office mining Of Dasep	nanes Due 10 Spannig		

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Address : E 111TH ST TO E 110TH ST HARLEM RIVER, SUB 3 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR085.000 / 13831 Yr Built/Renovated :

Linear Ft : 272 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 30-Jan-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1704 Lot : 2 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$246,800
Total		\$246,800
Priority B		\$246,800
Total		\$246,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$65,800		\$1,400	
Total	\$65,800		\$1,400	
Priority A	\$48,500			
Priority B	\$17,300		\$1,400	
Total	\$65,800		\$1,400	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Asset #: 13831

Bulkheads	Current Repair	Future Repla	cement	М	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Relieving Platform Top						
Concrete/Stone	50%	LIFE	* *	10		A
	Cracking, Extent : Light, Area Affecte Location : Outboard Face Above M					
	Other Observation, Extent : Light, Ar					
	Location: Outboard Face Above M	55				
	Explanation : Efflorescence	,				
Concrete/Stone	20% 2-4 \$21,400) LIFE	* *			A
Concrete, Brone	Spalling, Extent: Moderate, Area Aff					11
	Location : Outboard Face Above M					
Not Accessible	30%					D
Piles and Bracing						
Timber	5% 4+ \$11,400		* *	4	\$2,000	A
	Rotting/Splitting, Extent : Light, Area					
	Location: Throughout On Outboar	d Face				
Not Accessible	95%					D
Pile Caps	100/ 4: 017.00) LIEE	* *	4	Φ200	
Timber	10% 4+ \$15,600 Rotting/Splitting, Extent: Moderate,			4	\$200	Α
	Location : Outboard End	Area Ajjeciea . 107	o			
Not Accessible	90%					D
Backfill	9070					D
Fill						
Not Accessible	100%					D
Surface						
Asphalt Pavers	5% 4+ \$8,000		* *	5	\$100	В
	Settlement, Extent : Moderate, Area A	Affected : 5%				
	Location: 270 Ft From North	1.00				
	Other Observation, Extent: Light, Ar					
	Location: 155 Ft And 173 Ft From Explanation: Upheaval	North				
A anhalt Dayora		2038	* *	- 5	\$2.800	D
Asphalt Pavers	90% Settlement, Extent : Light, Area Affec			5	\$2,800	В
	Location: Isolated Lengths 3 Ft Off		l Face			
Topsoil	5%	2023	\$700	5	\$100	В
Deck Elements			47.00		+	
Railing						
Steel	90% 4+ \$4,400		\$222,100			В
	Missing Coating, Extent : Light, Area					
	Location: Throughout Primarily A					
	Rusted Steel Surface, Extent: Light, A					
g 1	Location: Throughout Primarily At		ф <u>о</u> 4 - 0 -			
Steel	10% 0-2 \$4,900		\$24,700			В
	Other Observation, Extent: Moderate Location: Isolated Baseplates	e, Area Affectea : 1	UU%			
	_	onlates Due To Spa	Ilina			
	Explanation: Undermining Of Base	eplates Due To Spa	lling			

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

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD Asset #: 13831

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Address : E 106TH ST TO E 105TH ST HARLEM RIVER, SUB 2 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR088.000 / 13836 Yr Built/Renovated :

Linear Ft : 270 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 05-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1699 Lot : 64 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$77,700	\$245,000
Total	\$77,700	\$245,000
Priority A	\$77,700	
Priority B		\$245,000
Total	\$77,700	\$245,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$31,900			\$1,500
Total	\$31,900			\$1,500
Priority A	\$31,900			
Priority B				\$1,500
Total	\$31,900			\$1,500



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

DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	Cur	rent Repair	Future	Replacement	M	aintenance	
System Component Type	/	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Relieving Platform Top	0.007		LIEE	* *	10		
Concrete/Stone	80%	. 14 1 . 4 400	LIFE		10		A
		at : Moderate, Area Affec Shore Concrete Face Wi					
Concrete/Stone	20% 0-	2 \$31,900	LIFE	* *			A
	Spalling, Extent	: Severe, Area Affected	: 50%				
	Location : Loc Railing	cations Throughout Top	Of Concre	te Wall, Totaling	60 Ft; L	Indermining	
Piles and Bracing							
Not Accessible	100%						D
Pile Caps							
Timber	5% 4-		LIFE	* *	4	\$100	Α
		g, Extent : Moderate, Ar shore Ends Throughout	ea Affecteo	d : 100%			
Timber	5% No	w \$38,800	LIFE	* *	4	\$100	A
	Rotting/Splitting	g, Extent : Severe, Area	Affected:	100%			
	Location : Off	shore Ends Throughout					
Not Accessible	90%						D
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt Pavers	100%		2034	* *	5	\$3,100	В
Deck Elements							
Railing							
Steel	100%		2024	\$245,000			В
	Missing Coating Location : The	g, Extent : Light, Area A coughout	ffected : 59	%			

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Address : E 105TH ST TO E 104TH ST SUB 3 OF ASSET TYPE, SUB 1 OF BL

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR089.000 / 13837 Yr Built/Renovated :

Linear Ft : 258 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 05-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1696 Lot : 51 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$112,300	\$234,100
Total	\$112,300	\$234,100
Priority A	\$112,300	
Priority B		\$234,100
Total	\$112,300	\$234,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads			\$1,500	
Total			\$1,500	
Priority A				
Priority B			\$1,500	
Total			\$1,500	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

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	Priority Code
Structural								
Relieving Platform Top								
Concrete/Stone	75%			LIFE	* *	10		Α
			oderate, Area Affec Concrete Face Wi					
Concrete/Stone	25%	0-2	\$38,100	LIFE	* *			A
	Spalling, E	xtent : Sev	vere, Area Affected	: 50%				
	Location	: Through	out Top Of Wall In	Multiple	Locations; Under	mining F	Pailing areas	
Piles and Bracing								
Not Accessible	100%							D
Pile Caps								
Timber	10%	4+	\$74,200	LIFE	* *	4	\$200	Α
	0 1	0.	tent : Moderate, Are EEnd Of Pile Caps	ea Affecte	ed : 10%			
Not Accessible	90%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt Pavers	100%			2038	* *	5	\$2,900	В
Deck Elements								
Railing	1.000/			2024	#224 400			-
Steel	100%			2024	\$234,100			В
	_	oating, Ext : Through	tent : Light, Area Aj out	tfected : :	5% 			

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Address : 50 FT SO OF E 101 ST TO E 100TH HARLEM RIVER, SUB 2 OF BL

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR093.000 / 13841 Yr Built/Renovated :

Linear Ft : 232 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 04-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1694 Lot : 51 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$66,700	\$210,500
Total	\$66,700	\$210,500
Priority A	\$66,700	
Priority B		\$210,500
Total	\$66,700	\$210,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$25,500			\$1,300
Total	\$25,500			\$1,300
Priority A	\$22,800			
Priority B	\$2,700			\$1,300
Total	\$25,500			\$1,300



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Bulkheads		Current F	lepair	Futur	e Replacement	М	aintenance	
System Component Type	% of I Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Relieving Platform Top								
Concrete/Stone	95%			LIFE	* *	10		Α
	_		oderate, Area Affec					
			out In Top 3 Ft Of			scence		
	_		Extent : Moderate, A	Area Affe	ected: 5%			
			out In Tidal Zone					
Concrete/Stone	5%	4+	\$22,800	LIFE	* *			A
	-		derate, Area Affect					
	Location .	· Isolated	Throughout Concr	ete Face	And Along Top			
Piles and Bracing								_
Not Accessible	100%							D
Pile Caps	40		* • • • • • •		* *		4.00	
Timber			\$66,700 ent : Severe, Area A End Of Pile Caps	LIFE Affected :		4	\$200	A
N A 21.1		Lusiem	Ena Of Tite Caps					
Not Accessible	90%							D
Backfill Fill								
Not Accessible	100%							D
Surface	10070							
Asphalt Pavers	95%			2034	* *	5	\$2,500	В
Asphalt Pavers	4%	4+	\$2,700	2034	* *	5	\$100	В
Asphart Lavers			42,700 Ioderate, Area Affe		00%	3	Ψ100	Ь
	Location .							
Topsoil	1%			2023	\$100	5		В
Deck Elements	1 /0			2023	Ψ100			
Railing								
Steel	100%			2023	\$210,500			В
2.000		-	ent : Light, Area Aj out					ے

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Address : E 99TH ST TO E 97TH ST SUB 2 OF BL, SUB 1 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR096.000 / 13844 Yr Built/Renovated :

Linear Ft : 535 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 05-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1691 Lot : 6 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$187,900	\$485,500
Total	\$187,900	\$485,500
Priority A	\$187,900	
Priority B		\$485,500
Total	\$187,900	\$485,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads				\$3,100
Total				\$3,100
Priority A				
Priority B				\$3,100
Total				\$3,100



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Bulkheads		Current F	Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Relieving Platform Top								
Concrete/Stone	20%	4+	\$126,300	LIFE	* *			A
			derate, Area Affec					
	Location	: Through	out Top Of Wall In	Multiple	Locations			
Concrete/Stone	80%			LIFE	* *	10		A
	Cracking,	Extent : Mo	oderate, Area Affe	cted : 25%	6			
	Location	: Through	out Concrete Surfa	ice With E	Efflorescence			
Piles and Bracing								
Not Accessible	100%							D
Pile Caps								
Timber	10%	0-2	\$61,600	LIFE	* *	4	\$400	A
	Rotting/Sp	litting, Ext	ent : Severe, Area	Affected :	75%			
	Location	: Outboard	d End Of Pile Cap	S				
Not Accessible	90%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt Pavers	100%			2034	* *	5	\$6,100	В
	Settlement,	Extent: L	ight, Area Affected	l : 5%				
	Location	: Along Oj	ffshore Edge					
Deck Elements								
Railing								
Steel	100%			2023	\$485,500			В
	_	oating, Ext : Through	ent : Light, Area A out	ffected : 1	10%			

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Address : BET 96TH & 97TH STS. TO E 96 ST. SUB 2 OF ASSET TYPE, SUB 1 OF BL

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR097.000 / 13845 Yr Built/Renovated :

Linear Ft : 85 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 05-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1690 Lot : 10 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$77,100
Total		\$77,100
Priority B		\$77,100
Total		\$77,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$39,600			\$500
Total	\$39,600			\$500
Priority A	\$39,600			
Priority B				\$500
Total	\$39,600			\$500



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	Current Repair		Future	Future Replacement		Maintenance	
System Component Type	% of Fail D Total (Yea	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Relieving Platform Top	2004	ΦΦΦ 100		de de			
Concrete/Stone	20% 4+	\$20,100	LIFE	* *			A
		Moderate, Area Affeo op Of Concrete Wall	cted : 50%				
Concrete/Stone	80%	- F of control with	LIFE	* *	10		A
		: Moderate, Area Affe		, i			
	_	ughout Concrete Surf					
Piles and Bracing							
Not Accessible	100%						D
Pile Caps							
Timber	10% 4+	\$19,600	LIFE	* *	4	\$100	A
	0.0	Extent: Light, Area		0%			
	Location : Outb	oard Ends Of Pile Ca	ips				
Not Accessible	90%						D
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt Pavers	100%		2034	* *	5	\$1,000	В
		t : Light, Area Affecte					
	Location : Offse	et 3 Ft From Outboard	d Face				
Deck Elements							
Railing							
Steel	100%		2020	\$77,100			В
	Missing Coating, Location : Thro	Extent : Light, Area Aughout	Affected : 20	0%			

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : LOW-LEVEL RELIEVING PLATFROM TIMBER PILE SUPPORTED BULKHEAD

Address : E 116TH ST TO E 114TH ST / SUB 2 OF BL, SUB 1 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR083.000 / 13829 Yr Built/Renovated :

Linear Ft : 518 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 30-Jan-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1713 Lot : 38 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$433,200	\$470,000
Total	\$433,200	\$470,000
Priority A	\$433,200	
Priority B		\$470,000
Total	\$433,200	\$470,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$44,100			\$2,700
Total	\$44,100			\$2,700
Priority A				
Priority B	\$44,100			\$2,700
Total	\$44,100			\$2,700



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFROM TIMBER PILE SUPPORTED BULKHEAD

Asset #: 13829

Bulkheads	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cos FY	Cycle Estimated (Yrs)	Cost Priority Code
Structural				
Relieving Platform Top	200/ Na \$1.66.200	O LIEE *	* = 0.4	100 4
Concrete	20% Now \$166,200 Broken, Extent : Severe, Area Affecte		* 5 \$4	100 A
	Location : From E 114th Street Nor			
Concrete	35% 2-4 \$58,200		* 5 \$7	700 A
	Cracking, Extent: Moderate, Area Aj	=		
	Location: Outboard Face Above M			
	Spalling, Extent: Moderate, Area Aff			
	Location: At 111 Ft North Of E 114		t Intermittently	
	Other Observation, Extent: Light, Ar			
	Location: Outboard Face Above M	lhw		
	Explanation: Efflorescence			
Concrete/Stone	45% 4+ \$91,700		*	Α
	Cracking, Extent : Moderate, Area Aj Location : Outboard Face Above M			
	Missing Block Seal, Extent: Severe, A			
	Location: Between Stone Facing In			
	Spalling, Extent : Light, Area Affected Location : From North End South F			
	Other Observation, Extent : Moderate			
	Location : Outboard Face Above M			
	Explanation: Efflorescence	TIVV		
Piles and Bracing	Explanation : Efficience			
Timber	10% 4+ \$72,400	0 2034 *	* 4 \$7,8	800 A
Timeer	Rotting/Splitting, Extent: Moderate,		Ψ7,0	700 11
	Location : Outboard End	<i>J</i> J · · · · · · · · · · · · · · · · · ·		
Not Accessible	90%			D
Pile Caps				
Timber	15% 4+ \$44,700	0 LIFE *	* 4 \$6	500 A
	Rotting/Splitting, Extent: Moderate, A	Area Affected : 25%		
	Location : Outboard End Of Pile Co	aps		
Not Accessible	85%			D
Backfill				
Fill				_
Topsoil	20% Now \$21,100		*	В
	Other Observation, Extent: Severe, A	==		
	Location: From 114th St North For	r III Ft		
	Explanation : Fill Loss			
Not Accessible	80%			D
Surface	020/	2024	*	700 B
Asphalt Pavers	93%	2034 *	J \$3,0	
Asphalt Pavers	5% 4+ \$5,000	0 2034	* 5 \$1	100 B
	Settlement, Extent : Light, Area Affec Location : 108 Ft North Of E 114th			
Tongoil			in 5 ¢1	00 P
Topsoil	2%	2023 \$50	0 5 \$1	100 B

Deck Elements

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.

DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFROM TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	Current Repa	iir	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements							
Railing							
Steel	90% 4+	\$8,500	2023	\$423,000			В
	Corrosion, Extent : Light	Area Affected :	5%				
	Location: Primarily At	Baseplates					
	Missing Coating, Extent: Light, Area Affected: 5%						
	Location : Primarily At	Baseplates					
Steel	10% 0-2	\$9,400	2023	\$47,000			В
	Other Observation, Exten	Other Observation, Extent : Severe, Area Affected : 100%					
	Location : Throughout						
	Explanation : Undermin	iing Of Baseplate	es Due	To Spalling			

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : LUMBER EXCHANGE TERMINAL RELIEVING PLATFORM/WHARF

Address : WEST ST FOOT OF DUPONT ST

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR047.000 / 13507 Yr Built/Renovated :

Linear Ft : 738 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 17-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : 2472 Lot : 32 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$296,800	
Total	\$296,800	
Priority A	\$189,500	
Priority B	\$107,300	
Total	\$296,800	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$20,700		\$3,800	
Total	\$20,700		\$3,800	
Priority A				
Priority B	\$6,300		\$3,800	
Priority C	\$14,400			
Total	\$20,700		\$3,800	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 LUMBER EXCHANGE TERMINAL RELIEVING PLATFORM/WHARF

Asset #: 13507

Bulkheads	Current R	epair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Relieving Platform Top	700/ 4	¢92.000	TIPE	* *	_	¢1 000	
Concrete	70% 4+ Cracking, Extent : Mo	\$82,900	LIFE	* *	5	\$1,900	A
	Location: Isolated	Throughout					
Concrete	30% 2-4	\$106,600	LIFE	* *	5	\$800	A
	Cracking, Extent: Se						
	Location : At Areas	-		d Throughout			
	Erosion, Extent : Seve			.1.6			
	Location: At 450 F						
	Exposed Reinforceme Location : In Tidal 2		, Агеа Ајјеск	ea : 15%			
Coping/Curb							
Concrete	90%		LIFE	* *	5	\$600	C
	Cracking, Extent: Lig		: 10%				
	Location: Through						
Concrete	10% 4+	\$14,400	LIFE	* *	5	\$100	C
	Cracking, Extent: Mo		cted : 10%				
	Location: Isolated		. 1 200/				
	Spalling, Extent : Mod Location : At 450 F						
Dilaman I Danailan	Location : At 450 F	i Ana 020 Fi From	South				
Piles and Bracing Not Accessible	100%						D
Pile Caps	10070						<u>D</u>
Not Accessible	100%						D
Backfill	100/0						
Fill							
Not Accessible	100%						D
Surface							
Asphalt	88%		2033	* *	5	\$7,400	В
	Settlement, Extent : L		l : 5%				
	Location : Through	out					
Asphalt	10% 4+	\$6,300	2039	* *	5	\$400	В
	Settlement, Extent : M		ected : 100%				
	Location : Near Sev	ver Drains					
Concrete	2%		2033	* *	5	\$200	В
П 1							

Fender

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 LUMBER EXCHANGE TERMINAL RELIEVING PLATFORM/WHARF

Bulkheads	Current Repair	Future Replacement	Maintenance				
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cos FY	Cycle Estimated Cost (Yrs)	Priority Code			
Fender							
Wales and Chocks							
Timber	15% Now \$28,	000 2039 *:	* 4 \$6,000	В			
	Broken, Extent : Severe, Area Affe	cted : 100%					
	Location: Two Broken Areas: South End And 250 Ft North Of South End						
	Rotting/Splitting, Extent: Severe, Area Affected: 30%						
	Location : Tidal Zone Througho	ut					
Timber	85% 4+ \$79,	300 2037 *:	* 4 \$34,000	В			
	Displaced Elements, Extent: Seve	Displaced Elements, Extent : Severe, Area Affected : 100%					
	Location: Entire System Is Seized In Sliding Tracks And Cannot Function As Designed						
	Rotting/Splitting, Extent: Light, Area Affected: 30%						
	Location: Throughout	JJ					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NAVY HOME PORT RIP-RAP

Address : CROSS ST SO. TO BETWEEN HARRISON

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DGS0047.020 / 13503 Yr Built/Renovated :

Linear Ft : 1,497 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 12-Nov-2010 Landmark Status : NONE

Areas Surveyed :

Block : 487 Lot : 110 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$2,458,700	\$115,000
Total	\$2,458,700	\$115,000
Priority A	\$1,980,300	
Priority B	\$269,500	\$115,000
Priority C	\$208,800	
Total	\$2,458,700	\$115,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$49,600	\$100		
Total	\$49,600	\$100		
Priority A				
Priority B	\$49,600	\$100		
Priority C				
Total	\$49,600	\$100		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NAVY HOME PORT RIP-RAP

Asset #: 13503

Bulkheads	Current Re	epair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Relieving Platform Top	200/ Na	¢217 200	LIEE	* *	_	¢1.700	A
Concrete	30% Now Other Observation, Ex	\$216,200	LIFE		5	\$1,700	Α
	Location : Made Red			. 10070			
	Explanation: Collap	=					
No Component	70%						D
Piles and Bracing							
Timber	30% Now	\$251,000	2018	\$1,254,800	4	\$67,200	A
	Other Observation, Ex			: 100%			
	Location : Made Rec Explanation : Collap		хар				
No Component	70%	sea siructure					D
Revetment	7070						- Б
Stone	80%		LIFE	* *	5	\$7,200	C
Stone	20% Now	\$208,800	LIFE	* *	5	\$1,800	C
	Missing Part, Extent : Location : Top Of Re		ected : 100	%			
Pile Caps							
Timber	30% Now	\$258,400	LIFE	* *	4	\$3,500	A
	Other Observation, Ex			: 100%			
	Location : Made Rec Explanation : Collap		хар				
No Component	70%	sea siructure					D
Backfill	7070						- Б
Fill							
Topsoil	20%		2050	* *	10		В
Not Accessible	80%						D
Surface	20% Now	\$15,300	2022	\$15.200	5	\$700	В
Topsoil	Erosion, Extent : Seve	' '		\$15,300	5	\$700	Ь
	Location : Erosion C		. 100/0				
Topsoil	80%	-	2020	\$61,200	5	\$5,600	В
Fender				, , , , , , , , , , , , , , , , , , , ,		, , , , , , , ,	
Piles							
Timber	30% Now	\$80,200	2037	* *	4	\$10,800	В
	Other Observation, Ex Location : Made Rea		a Affected	: 100%			
	Explanation : Collap						
No Component	70%	sea structure					D
Wales and Chocks	7070						<u> </u>
Timber	30% Now	\$18,900	2018	\$189,300	4	\$24,400	В
	Other Observation, Ex						
	Location : Made Rea						
	Explanation : Collap	sed Structure					
No Component	70%						D

Deck Elements

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.

DEPT. OF SMALL BUSINESS SERV. - 801 NAVY HOME PORT RIP-RAP

Bulkheads		Current Rep	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements								
Railing								
Fencing	50%			2023	\$38,500	3	\$300	В
Fencing	20%	Now	\$15,400	2027	* *	3	\$100	В
	Broken, Ex	tent : Severe,	Area Affected:	100%				
	Location	: Throughout	t					
No Component	30%							D

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NAVY HOME PORT WHARFS, BULKHEAD, SEAWALL

Address : SWAN ST SOUTH TO CLINTON ST.

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DGS0047.010 / 13502 Yr Built/Renovated :

Linear Ft : 1,245 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 12-Nov-2010 Landmark Status : NONE

Areas Surveyed :

Block : 487 Lot : 110 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$314,300	\$118,100
Total	\$314,300	\$118,100
Priority A	\$35,200	
Priority B	\$38,100	\$118,100
Priority C	\$241,000	
Total	\$314,300	\$118,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$10,300	\$200		
Total	\$10,300	\$200		
Priority B Priority C	\$10,300	\$200		
Total	\$10,300	\$200		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NAVY HOME PORT WHARFS, BULKHEAD, SEAWALL

Bulkheads	Current l	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural	•		•				•
Revetment							
Asphalt remnants	75% 4+	\$41,900	LIFE	**	5	\$900	C
	Progressing Scour, E						
	Location : Concret	-					
Concrete	25% 4+	\$199,100	LIFE	**			С
	Other Observation, I Location : Through		Area А <u></u> ijе	ctea : 50%			
	Explanation : Pour		, c				
Sheet Piles	Explanation : 1 our	ea concrete, craer					
Steel	20%		LIFE	* *			A
	Corrosion, Extent : I	Light, Area Affected	!: 10%				
	Location: North En	nd					
Steel	5% 4+	\$35,200	LIFE	* *			A
	Corrosion, Extent : I	Light, Area Affected	1: 25%				
	Location : South Er	ıd					
No Component	75%						D
Backfill							
Fill							
Topsoil	15% Now	\$38,100	2062	**			В
	Other Observation, E				TI I		
	Location : Behind I			utnern Fence, Ana	Inrough	iout	
Not Associble	Explanation : Eros. 85%	ion Ai Top Oj Kevel	ımeni				D
Not Accessible Surface	83%						ע
Concrete	10%		2031	* *	5	\$1,400	В
Concrete	Cracking, Extent : Li	ight, Area Affected			3	φ1,100	Ь
	Location : Through						
Topsoil	80%		2020	\$50,900	5	\$4,700	В
Topsoil	10% Now	\$6,400	2022	\$6,400	5	\$300	В
1	Erosion, Extent : Sev	ere, Area Affected	: 100%				
	Location: At Top C	Of Revetment					
Deck Elements							
Railing	0.5		-				_
Fencing	95%	φ 2.2 00	2023	\$60,900 * *	3	\$500	В
Fencing	5% Now	\$3,200 Extent : Savana Ana	2027		3		В
	Progressing Scour, E Location : Sta 0+3			a : 100%			
	Location : Sta 0+3	υ 10 υ±ου, From S	oum				

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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : NICKS NORTHERN PARKING LOT GABION GRAVITY WALL

Address : 2777 FLATBUSH AVE, MILL BASIN

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR026.063 / 17 Yr Built/Renovated :

Linear Ft : 405 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 15-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 8591 Lot : 980 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$2,300			\$100
Total	\$2,300			\$100
Priority A				\$100
Priority B	\$2,300			
Priority C				
Total	\$2,300			\$100



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 NICKS NORTHERN PARKING LOT GABION GRAVITY WALL

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Coping/Curb								
Concrete	100%			LIFE	* *	5	\$400	C
Gravity Wall								
Stone Gabion	70%			LIFE	* *	3	\$300	A
Not Accessible	30%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt	100%			2036	* *	5	\$4,600	В
Deck Elements								
Railing								
Guard Rail	100%			LIFE	* *			В

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PASSENGER SHIP TERMINAL BULKHEAD, PIERS 88, 90, 92

Address : HUDSON RIVER WEST 48TH TO 52ND STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBS0025.025 / 1763 Yr Built/Renovated :

Linear Ft : 1,333 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 28-Feb-2014 Landmark Status : NONE

Areas Surveyed :

Block : 1107 Lot : 12 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$102,900	\$102,900
Total	\$102,900	\$102,900
Priority A	\$102,900	\$102,900
Total	\$102,900	\$102,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$10,100		\$12,400	\$3,000
Total	\$10,100		\$12,400	\$3,000
Priority A	\$10,100			
Priority B			\$12,400	\$3,000
Total	\$10,100		\$12,400	\$3,000



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.

DEPT. OF SMALL BUSINESS SERV. - 801 PASSENGER SHIP TERMINAL BULKHEAD, PIERS 88, 90, 92

Bulkheads	Curren	Current Repair Future R		e Replacement	M	Maintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Relieving Platform Top							
Concrete	100%		LIFE	* *	5-10	\$10,000	A
Gravity Wall							
Concrete	20%		LIFE	* *	5-10	\$2,200	A
		, Extent : Light, Area	Affected	: 100%			
	Location: Throu	ghout					
	Explanation: Mi	nor Spalling And Cra	cking				
Not Accessible	80%						D
Piles and Bracing							
Steel	50%		LIFE	* *	5	\$205,800	A
Not Accessible	50%						D
Pile Caps							
Concrete	100%		LIFE	* *	5	\$8,000	A
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Concrete	40%		2034	* *	5	\$6,100	В
Not Accessible	60%						D
Fender							
Piles							
Timber	10%		2034	* *	4	\$3,200	В
No Component	70%						D
Not Accessible	20%						D
Wales and Chocks							
Timber	30%		2034	* *	4	\$21,700	В
No Component	70%						D

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

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PERIMETER WALL AROUND PIER J BERTHS 15,16,17

Address : KAY AVE. BROOKLYN NAVY YARD

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR045.030 / 13524 Yr Built/Renovated :

Linear Ft : 2,110 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 28-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$642,700	\$35,800
Total	\$642,700	\$35,800
Priority A	\$97,000	\$35,800
Priority B	\$545,700	
Total	\$642,700	\$35,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$7,900	\$1,200	\$1,100	
Total	\$7,900	\$1,200	\$1,100	
Priority A				
Priority B	\$7,900	\$1,200	\$1,100	
Priority C				
Total	\$7,900	\$1,200	\$1,100	



DEPT. OF SMALL BUSINESS SERV. - 801 PERIMETER WALL AROUND PIER J BERTHS 15,16,17

Asset #: 13524

Bulkheads	Current R	epair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Coping/Curb					_		
Timber	10%		LIFE	* *	5	\$100	C
No Component	90%						D
Pile Supported Wall Concrete	85%		2033	* *	5	\$71,600	٨
Concrete	85% Cracking, Extent : Lig	tht Area Affected			5	\$71,600	Α
	Location : Isolated		. 2070				
	Mechanical Damage,		ea Affecte	ed: 26%			
	Location : Through	_		a . 2070			
Concrete	15% 4+	\$61,200	2033	* *	5	\$6,300	A
Concrete	Erosion, Extent : Mod				3	\$0,500	A
	Location : Through		ca . 5070				
	Spalling, Extent : Mod		ted : 50%				
	Location : At West I						
Piles and Bracing							
Not Accessible	100%						D
Pile Caps							
Not Accessible	100%						D
Backfill							
Fill							
Gravel	1% Now	\$1,700	2039	* *	5		В
	Sinkhole, Extent: Mo						
	Location : At Station	n 10+50 And Statio	on 14+02	(Station 0+00 At	Southea	st Corner Of	
	Asset)						
Not Accessible	99%						D
Surface	00/		2022	* *	~	Φ2 200	ъ
Asphalt	9%	¢c 200	2033	* *	5	\$2,200	В
Asphalt Pavers	1% Now Other Observation, E.	\$6,200	2039		5	\$100	В
	Location : At The So				orner Of	Accet	
	Explanation : Missi		vesi Liia,	ma normwesi Ci	orner Oj	713361	
Computa		ig T avers	2037	* *	5	\$2.400	D
Concrete Not Accessible	10% 80%		2037		3	\$2,400	B D
	00%						D
Fender Buffer							
Rubber	5% Now	\$10,000	2039	* *	4-5	\$1,800	В
Rubbel	Missing Part, Extent:			0%	43	Ψ1,000	Б
	Location : Earth Mo						
Rubber	45% 0-2	\$179,900	2039	* *	4-5	\$16,000	В
Rubbel	Aging, Extent : Severe				ਜ⁻ਤ	Ψ10,000	ט
	Location : Rubber T			Inshore End Of N	orth Face	2	
No Component	50%	.,					D
	5070						ע

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.

DEPT. OF SMALL BUSINESS SERV. - 801 PERIMETER WALL AROUND PIER J BERTHS 15,16,17

Bulkheads	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender						
Wales and Chocks						
Timber	100% Now \$35	55,800 2039	* *	4	\$114,500	В
	Broken, Extent : Severe, Area A	ffected : 100%				
	Location: Stations 0+00 To 1	+04; 16+86 To 20	0+50			
	Other Observation, Extent : Sev	vere, Area Affectea	l : 100%			
	Location: Stations 1+04 To 1	6+86; 20+50 To	21+10			
	Explanation : Missing					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER K INCLUDING PERIMETER BULKHEAD / BERTHS 19, 20

Address : KAY AVE. BROOKLYN NAVY YARD

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR045.020 / 13523 Yr Built/Renovated :

Linear Ft : 1,825 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 11-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$401,100	
Total	\$401,100	
Priority A	\$176,500	
Priority B	\$224,600	
Total	\$401,100	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$38,700	\$3,800	\$39,700	
Total	\$38,700	\$3,800	\$39,700	
Priority A			\$32,800	
Priority B	\$38,700	\$3,800	\$6,900	
Total	\$38,700	\$3,800	\$39,700	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 PIER K INCLUDING PERIMETER BULKHEAD / BERTHS 19, 20

Asset #: 13523

Bulkheads	Current Repair	Future Replac	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural Pile Supported Wall Concrete	90% Erosion, Extent : Light, Area Affected Location : In Tidal Zone	2033 : 20%	* *	5	\$65,600	A
	Mechanical Damage, Extent : Light, A Location : Along The Top Of Concre Spalling, Extent : Light, Area Affected Location : Isolated Throughout	te Wall				
Concrete	10% 4+ \$176,500 Erosion, Extent: Moderate, Area Affect Location: Isolated Throughout In Ti Spalling, Extent: Moderate, Area Affect Location: Above Mlw	cted : 50% idal Zone	* *	5	\$3,600	A
Piles and Bracing Not Accessible	100%					D
Pile Caps Not Accessible	100%					D
Backfill Fill Topsoil	1% Now \$3,700		* *			В
Not Accessible	Erosion, Extent : Severe, Area Affected Location : 4 Void Locations Just Believe					D
Surface	9970					D
Asphalt Asphalt	20% 25% 4+ \$23,400	2037 2037	* *	5 5	\$4,200 \$2,600	B B
. Isp.iiii	Cracking, Extent : Light, Area Affected Location : Throughout Pier			J	42, 000	2
Asphalt Blocks	15% 4+ \$55,400 Settlement, Extent: Light, Area Affector Location: Throughout North And Society Other Observation, Extent: Severe, At Location: At Offshore End Of Asset Explanation: Broken/Displaced Par	ed : 30% outh Sides Of Pier rea Affected : 20%	**	5	\$1,600	В
Asphalt Blocks	20%	2033	* *	5	\$4,200	В
Concrete	5% Cracking, Extent : Light, Area Affected Location : At Isolated Concrete Patc		* *	5	\$1,000	В
Not Accessible	15%					D
Fender Buffer						
Rubber	25%	2033	* *	4-5	\$13,700	В
Rubber	5% Now \$11,500 Broken, Extent : Severe, Area Affected Location : Broken/Missing Extruded	!: 100%	* * Et From S	4-5	\$1,500	В
No Component	70%	in the filter of the	ı ı ı ı ı ı ı	, ountwest	,	D
No Component	/ U70					ע

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.

DEPT. OF SMALL BUSINESS SERV. - 801 PIER K INCLUDING PERIMETER BULKHEAD / BERTHS 19, 20

Bulkheads		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
Fender								
Wales and Chocks								
Timber	55%	Now	\$169,300	2039	* *	4	\$54,500	В
	Broken, Ex	tent : Seve	re, Area Affected :	50%				
Location: North And West Face								
No Component	45%							D

DEPT. OF SMALL BUSINESS SERV. - FY 2015 Print Date: 09-Sep-2014

Asset Name : RELIEVING PLATFORM

Address : E. RIVER, 36TH ST. TO 38TH ST.

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR025.065 / 4087 Yr Built/Renovated

Linear Ft : 508 **Project Type** : ECONOMIC DEVELOPMENT **Date of Survey** : NONE

: 07-Mar-2012 **Landmark Status**

Areas Surveyed

Block : 968 : 50 BIN Lot

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$414,900
Total		\$414,900
Priority B		\$414,900
Total		\$414,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$79,500	\$800	\$400	\$2,300
Total	\$79,500	\$800	\$400	\$2,300
Priority A	\$57,900			
Priority B	\$2,400	\$800	\$400	\$2,300
Priority C	\$19,200			
Total	\$79,500	\$800	\$400	\$2,300



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 RELIEVING PLATFORM

Asset #: 4087

Bulkheads	Current Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated (Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Coping/Curb	0004	LIDE	* *	_	Φ.4.0.0	
Concrete	80% Displaced Elements, Extent: Light, Area Location: Throughout	LIFE Affected : 10%	* *	5	\$400	С
Concrete	10% 2-4 \$16,500 Broken, Extent : Moderate, Area Affected Location : Isolated Throughout		* *	5		С
	Missing Part, Extent : Severe, Area Affec					
	Location: At Stations 2+58 And 2+85					
	Other Observation, Extent: Severe, Area					
	Location: At Stations 3+31 And 3+77					
	Explanation : Broken Light Pole Hangi Wires	ng In Water And Mis	sing L	aght Pol	e With Exposed	
Timber	5%	LIFE	* *	5		С
Timber	5% 2-4 \$2,700	LIFE	* *	5		C
	Rotting/Splitting, Extent : Severe, Area A	ffected : 50%				
	Location: At South End					
Pile Supported Wall						
Conc w/Stone Face	5% Now \$34,400 Other Observation, Extent : Severe, Area Location : Throughout		* *	5	\$2,000	A
	Explanation: Erosion Along Bottom O	f Stone Face				
Conc w/Stone Face	35% Other Observation, Extent: Light, Area L Location: Throughout Explanation: Minor Erosion	LIFE Affected : 50%	* *	5	\$14,200	A
Not Accessible	60%					D
Piles and Bracing	0070					- Б
Timber	2% Now \$17,000 Rotting/Splitting, Extent : Moderate, Are Location : At Tops Of Piles Along Bulk		* *	4	\$1,500	A
Not Accessible	98%					D
Lowlevel Pile Caps						
Timber	5% Now \$6,400 Missing Part, Extent : Severe, Area Affect Location : Along Bulkhead Face Throu		* *			A
	Rotting/Splitting, Extent : Severe, Area A Location : Along Bulkhead Face Throu					
Not Accessible	95%					D
Backfill						
Fill						
Not Accessible	100%					D

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

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 RELIEVING PLATFORM

Bulkheads	Current Repair	r Futu	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estin	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Backfill								
Surface								
Brick Pavers	78%	2039		5	\$4,500	В		
	Other Observation, Extent	: Light, Area Affecte	d : 50%					
	Location : Throughout							
	Explanation : Settlement							
Brick Pavers	2% Now	\$2,200 2039	* *	5	\$100	В		
	Missing Part, Extent: Mod	lerate, Area Affected	: 10%					
	Location : At Station 2+5	58						
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : At Station 2+9	93						
	Explanation : Settlement							
Cobblestone	10%	2043	* *	5	\$800	В		
Concrete	10%	2032	* *	5	\$600	В		
	Cracking, Extent: Light, A	rea Affected : 50%						
	Location : At South End							
	Erosion, Extent : Light, Are	ea Affected : 50%						
	Location : At South End							
Fender								
Buffer								
Rubber	10%	2032	* *	4-5	\$1,500	В		
No Component	90%					D		
Deck Elements								
Railing								
Concrete	10%	2024	\$11,800			В		
	Other Observation, Extent: Light, Area Affected: 100%							
	Location: At South End							
	Explanation: Concrete P	arapet Wall						
Steel	90%	2022	\$414,900	<u> </u>		В		

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : RELIEVING PLATFORM

Address : AT RIVER CAFE, EAST RIVER

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0043.000 / 13956 Yr Built/Renovated :

Linear Ft : 160 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 03-Nov-2010 Landmark Status : NONE

Areas Surveyed :

Block : 25 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$36,300
Total		\$36,300
Priority B		\$36,300
Total		\$36,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$29,600			\$200
Total	\$29,600			\$200
Priority A	\$26,700			\$200
Priority B	\$2,900			
Total	\$29,600			\$200



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 RELIEVING PLATFORM

Asset #: 13956

Bulkheads	Current Repair	Future Replace	e Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimate FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural Relieving Platform Top Concrete	15% 4+ \$23,100 Erosion, Extent : Moderate, Area Affec Location : Tidal Zone	LIFE ted : 30%	* *	5	\$100	A	
Concrete	45% Cracking, Extent : Light, Area Affected Location : Throughout Erosion, Extent : Light, Area Affected : Location : Throughout		* *	5	\$300	A	
No Component Not Accessible	10% 30%					D D	
Piles and Bracing Timber	2% Rotting/Splitting, Extent : Light, Area A Location : Throughout	2031 Affected : 100%	* *	4	\$500	A	
No Component Not Accessible	10% 88%					D D	
Sheet Piles							
Steel	1% Corrosion, Extent : Moderate, Area Aff Location : Tidal Zone, North End	LIFE fected : 100%	* *			A	
Steel	4% 4+ \$3,600 Corrosion, Extent : Light, Area Affected Location : North End	LIFE d : 100%	* *			A	
No Component Not Accessible	90% 5%					D D	
Pile Caps							
Timber	2% Rotting/Splitting, Extent : Light, Area A Location : In Tidal Zone	LIFE Affected : 100%	* *	4		A	
No Component	10%					D	
Not Accessible	88%					D	
Backfill Fill							
Not Accessible	100%					D	
Surface Stone	35% Other Observation, Extent : Light, Area Location : Throughout	2031 a Affected : 100%	* *	10		В	
Timber	Explanation: Stone Slates 15% Other Observation, Extent: Light, Area Location: At Deck South Of Restaura Explanation: Weathering		* *	10		В	
Not Accessible	50%					D	
110111000331010	3070						

Fender

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

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

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

DEPT. OF SMALL BUSINESS SERV. - 801 RELIEVING PLATFORM

Bulkheads	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender						
Piles						
Timber	10% 2-4	\$2,900 2037	* *	4	\$400	В
	Rotting/Splitting, Extent: Mod	derate, Area Affecte	d : 40%			
	Location : Above Mlw					
No Component	90%					D
Deck Elements						
Railing						
Steel	25%	2020	\$36,300			В
	Other Observation, Extent : L					
	Location: Throughout					
	Explanation: Coat Loss And	d Corrosion				
No Component	75%					D

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : RELIEVING PLATFORM BULKHEAD
Address : W 202ND TO W 203RD ST HARLEM RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR060.000 / 13802 Yr Built/Renovated :

Linear Ft : 260 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 21-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2184 Lot : 40 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$262,200	\$59,000
Total	\$262,200	\$59,000
Priority A	\$218,400	
Priority B	\$43,800	\$59,000
Total	\$262,200	\$59,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$26,700	\$400		
Total	\$26,700	\$400		
Priority A	\$25,600			
Priority B	\$1,100	\$400		
Total	\$26,700	\$400		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 RELIEVING PLATFORM BULKHEAD

Asset #: 13802

Bulkheads	Current	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Relieving Platform Top	95% 4+	¢159 500	LIEE	* *	5	0002	Λ
Concrete	Cracking, Extent: So Location: Stations Spalling, Extent: Mo Location: In Tidal Other Observation, I	0+90, 1+70, And 2 oderate, Area Affect Zone In Bottom 2 I Extent : Light, Area	2+10 (Fr ted : 20% Ft Of Con	om North) crete Along Full L		\$900 f Wall	A
	Location : Through Explanation : Isola						
Concrete/Stone	5% Now Broken, Extent: Sev Location: Failed S	\$25,600 ere, Area Affected :		* * End Of Platform			A
Piles and Bracing							
Not Accessible	100%						D
Pile Caps Timber	10% 4+ Rotting/Splitting, Ex Location : At Easte	-	-	* *	4	\$200	A
Not Accessible	90%						D
Backfill							
Fill Gravel	5% Now Other Observation, I Location : At Stone Explanation : Fill	Masonry Wall At l	North End		5		В
Not Accessible	95%	Loss Due 10 Fanea	waii				D
Surface	9370						ע
Concrete Not Accessible	30% 70%		2037	* *	5	\$900	B D
ender							
Wales and Chocks Timber	100% Now Broken, Extent: Sev Location: Through Missing Part, Extent Location: Through	out : Severe, Area Affe	10%	**	4	\$14,100	В
Deck Elements							
Railing Fencing	75% Corrosion, Extent : I Location : Through		2022 l : 75%	\$10,000	3	\$100	В
Steel	25% Missing Part, Extent Location: Three N	: Severe, Area Affe					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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : RELIEVING PLATFORM AND REVETMENT (SURROUNDED BY CONCRETE BLOCK)

Address : NORTH OF GRAND AVE. BRIDGE AND SOUTH OF 57-00 47TH AVE.

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DBSR035.000 / 13481 Yr Built/Renovated :

Linear Ft : 265 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 09-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2601 Lot : 25 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$163,300	
Total	\$163,300	
Priority A	\$85,000	
Priority B	\$78,200	
Total	\$163,300	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$31,700			
Total	\$31,700			
Priority A	\$5,600			
Priority B	\$4,000			
Priority C	\$22,200			
Total	\$31,700			



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.

DEPT. OF SMALL BUSINESS SERV. - 801 RELIEVING PLATFORM AND REVETMENT (SURROUNDED BY CONCRETE BLOCK)

Asset #: 13481

System Component Type		E "I D 4						
	Total	(Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Relieving Platform Top	500/			LIDE	ماد ماد	~	Φ.5.0.0	
Concrete Concrete	50% 20%	Now	\$85,000	LIFE LIFE	* *	5 5	\$500 \$200	A A
	Broken, Ex Location Displaced Location	tent : Seve : At North Elements, : Isolated	re, Area Affected :	100% ea Affect		3	\$200	A
			ere, Area Ajjeciea . And At North End	. 100%				
No Component	30%	. 1501011001						D
Piles and Bracing	3070							- Б
No Component	30%							D
Not Accessible	70%							D
Revetment								
Stone	Location	: Through	\$22,200 Extent : Moderate, A out; North End Of Ty Graded And Inst	Asset	* * ccted : 40%	5	\$500	С
No Component	70%							D
Lowlevel Pile Caps								
Timber Timber		_	\$5,600 ent : Moderate, Ar					A A
		: At The W	Vestern Exposed Er	ids Of Pi	le Caps			
No Component	30%							D
Backfill Fill								
Gravel	Location	: At North	\$2,200 Extent : Severe, Are ern End Of Pile Su ole/ Fill Loss			5		В
Not Accessible	90%							D
Surface								
Topsoil	70%		41.400	2021	\$9,500	5	\$900	В
Topsoil			\$1,400 evere, Area Affecte End Of Pile Suppo			5 oughout	\$100	В
Not Accessible	20%							D
Fender								
Wales and Chocks Timber	_		\$78,200 : Severe, Area Affe Along Relieving Pl		* *	4	\$10,100	В
			5 0	•				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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT

Address : RICHMOND TERRACE AND CLINTON AVE

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

 $Program \, / \, Asset \, \# \quad : \, \, DBS0037.000 \, / \, 13930 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Linear Ft : 145 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 09-Nov-2010 Landmark Status : NONE

Areas Surveyed :

Block : 68 Lot : 40 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads				
Total				
Priority B Priority C				
Priority C				

Total



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

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT

Bulkheads	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Con Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Revetment						
Stone	100%	LIFE	* *	5	\$900	C
	Other Observation, Extent : Light, Ar	rea Affected .	: 100%			
	Location: Throughout					
	Explanation: Non-engineered Reve	etment				
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Topsoil	100%	2020	\$7,400	5	\$700	В

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT

Address : EAST FOOT OF CLINTON AVE. AND RICHMOND TERRACE

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

Program / Asset # : DBS0038.000 / 13931 Yr Built/Renovated :

Linear Ft : 220 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 09-Nov-2010 Landmark Status : NONE

Areas Surveyed :

Block : 68 Lot : 35 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$3,700			
Total	\$3,700			
Priority B Priority C	\$3,700			
Total	\$3,700			



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.

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT

Bulkheads	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Revetment						
Stone	100%	LIFE	* *	5	\$1,300	C
	Other Observation, Extent:	Light, Area Affected	: 100%			
	Location: Throughout					
	Explanation : Non-engine	ered Revetment				
Backfill Fill						
Not Accessible	100%					D
Surface						
Topsoil	30% 4+	\$3,400 2022	\$3,400	5	\$200	В
•	Erosion, Extent : Moderate,	Area Affected: 1009	6			
	Location: Throughout					
Topsoil	70%	2021	\$7,900	5	\$700	В

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT

Address : FOOT OF METROPOLITAN AVE.

Borough : BROOKLYN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \quad DBS 0039.000 \, / \, 13951 \qquad \qquad Yr \, Built / Renovated \quad : \quad$

Linear Ft : 64 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 03-Nov-2010 Landmark Status : NONE

Areas Surveyed :

Block : 2355 Lot : 20 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$2,100			
Total	\$2,100			
Priority B Priority C	\$2,100			
Total	\$2,100			



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

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT

Bulkheads	Current Rep	air	Future Replacement		Maintenance				
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Structural									
Revetment									
Stone	100%		LIFE	* *	5	\$400	C		
	Other Observation, Exte	ent : Light, Area A	ffected	: 2%					
	Location: 0+25								
	Explanation : Outfall A	At 0+25							
Backfill									
Fill									
Topsoil	10% Now	\$1,300	2062	* *			В		
	Other Observation, Extent : Moderate, Area Affected : 25%								
	Location : At South En	nd Of Asset							
	Explanation: Fill Los.	5							
Not Accessible	90%						D		
Surface									
Asphalt	10% Now	\$500	2037	* *	5		В		
-	Broken, Extent : Moderate, Area Affected : 10%								
	Location: 0+25								
Concrete	60%		2031	* *	5	\$400	В		
	Settlement, Extent : Light, Area Affected : 20%								
	Location : Near Cente	r Line							
Gravel	30%		2031	* *	2-5	\$100	В		

DEPT. OF SMALL BUSINESS SERV. - FY 2015 Print Date: 09-Sep-2014

Asset Name : REVETMENT

Address : ALONG FLATBUSH FROM KINGS PLAZA SOUTH TO PILE SUPPORTED WALL

Borough Agency's Number : BROOKLYN : N/A Program / Asset # : DBS0052.000 / 14013 Yr Built/Renovated

Linear Ft : 505 **Project Type** : ECONOMIC DEVELOPMENT

Date of Survey : 25-Jan-2013 **Landmark Status** : NONE

Areas Surveyed

Block : 8470 BIN Lot

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$334,600	
Total	\$334,600	
Priority C	\$334,600	
Total	\$334,600	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$7,700	\$1,000		
Total	\$7,700	\$1,000		
Priority B Priority C	\$7,700	\$1,000		
Total	\$7,700	\$1,000		



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.

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT

Bulkheads	Current Repa	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Est Total (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural								
Revetment								
Stone	15% Now	\$52,800	LIFE	* *	5	\$500	C	
	Erosion, Extent : Severe,							
	Location: Loss Of Soil			1 250/				
	Other Observation, Exten	t : Severe, Area	Affecte	d: 25%				
	Location: Throughout							
g.	Explanation: Missing S		LIDE	* *		Φ2.400		
Stone	80% 4+	, - ,	LIFE		5	\$2,400	С	
	Other Observation, Exten Location : Throughout	ı : Ligni, Area A	Ајјестеа	: 100%				
	Explanation : Improper	Slana: Lass Of	Tonsoil					
Not Accessible	<u>Explanation : Improper</u> 5%	Stope, Loss Of	торзон				D	
Not Accessible	- / -	t · Light Area	Affected	. 0%			D	
	Other Observation, Extent : Light, Area Affected : 0% Location :							
	Explanation : Topsoil C	ompacted Haul	Ramp I	Placed Over Origin	ial Revet	ment		
Backfill	1 1	1						
Fill								
Topsoil	15% Now	\$6,200	2052	* *			В	
	Other Observation, Exten	t : Moderate, A	rea Affe	cted : 40%				
	Location: Throughout							
	Explanation : Fill Erodi	ng At The Top (Of The F	Revetment				
Not Accessible	85%						D	
Surface								
Topsoil	85%		2022	\$21,900	5	\$2,000	В	
Topsoil	15% Now	\$1,500	2023	\$3,900	5	\$200	В	
	Erosion, Extent : Moderate, Area Affected : 10% Location : Located At Top Of Revetment Throughout And In Area Of Backfill Loss							
	Location : Located At T	op Of Revetmen	it Throu	ghout And In Area	Of Back	fill Loss		

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT /EAST AND WEST OF BALLPARK WHARF

Address : WEST END OF FERRY TERMINAL WEST

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DGS0060.000 / 13925 Yr Built/Renovated :

Linear Ft : 2,920 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 12-Oct-2010 Landmark Status : NONE

Areas Surveyed :

Block : 2 Lot : 20 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$1,521,900	\$104,400
Total	\$1,521,900	\$104,400
Priority B Priority C	\$96,300 \$1,425,600	\$104,400
Total	\$1,521,900	\$104,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$22,300			\$1,700
Total	\$22,300			\$1,700
Priority A				
Priority B	\$22,300			\$1,700
Priority C				
Total	\$22,300			\$1,700



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

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT /EAST AND WEST OF BALLPARK WHARF

Bulkheads	Cu	Current Repair		Future Replacement		Maintenance	
System Component Type		Date Estimated Co ears)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
tructural							
Gravity Wall							
Concrete	30%		LIFE	* *	5	\$3,500	A
No Component	65%						D
Not Accessible	5%						D
Revetment					_		_
Stone	30%		LIFE	* *	5	\$5,200	C
Stone		-2 \$1,018,30		**	5	\$8,700	C
		tion, Extent : Severe,	55				
		roughout West Of Ric		um Wharf			
		: Inadequate Armor P					
Stone		-4 \$407,30		**	5	\$3,500	C
	Location : Sta Stadium Wha	tion, Extent : Modera ation 1+60 To 2+40 I rf : Inadequate Armor F	From East E		t West Oj	f Richmond	
ackfill	•						
Fill							
Gravel	40% N	ow \$96,30	0 2037	* *	5	\$1,100	В
	Other Observa	tion, Extent : Severe,	Area Affecte	d : 60%			
	Location : Be	neath Concrete Surfa	ce/Retainin	g Wall West Of Ric	hmond S	tadium Wharf	
	Explanation .	Erosion And Fill Lo	SS				
Not Accessible	60%						D
Surface							
Asphalt	10%		2031	* *	5	\$3,300	В
Brick Pavers	10%		2044	* *	5	\$3,300	В
Concrete	10%		2031	* *	5	\$3,300	В
	Settlement, Ext	ent : Moderate, Area	Affected : 10	00%			
	Location : Ste End	ations 12+50 To 12+6	55, 13+60 To) 14+25, And 16+4	45 To 17	+55 From East	
Topsoil	60%		2021	\$89,500	5	\$8,200	В
Topsoil	10% N	ow \$14,90	00 2022	\$14,900	5	\$700	В
		Extent : Severe, Area	55		<i>a</i> .		
	And 22+45	nkholes At Sinkholes I	-	-	Station .	11+12, 20+88,	
		ent : Moderate, Area ations 12+50 To 12+6			45 To 17	+55 From East	

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT NORTH OF NICKS LOBSTER HOUSE

Address : FLATBUSH AVE. MILL BASIN

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR026.064 / 18 Yr Built/Renovated :

Linear Ft : 705 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 15-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 8591 Lot : 980 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$5,900	\$700		
Total	\$5,900	\$700		
Priority B		\$700		
Priority C	\$5,900			
Total	\$5,900	\$700		



DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT NORTH OF NICKS LOBSTER HOUSE

Bulkheads		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
Structural								
Revetment								
Stone	98%			LIFE	* *	5	\$4,100	C
Stone	2%	4+	\$5,900	LIFE	* *	5	\$100	C
	Other Obs	ervation, E.	xtent : Moderate, A	Area Affe	cted : 100%			
	Location	: Northern	Section Of Revetn	nent				
	Explana	tion : Missi	ng Stone					
Backfill								
Fill								
Not Accessible	100%							D
Surface		•						•
Topsoil	40%			2022	\$14,400	5	\$1,300	В
No Component	60%							D

DEPT. OF SMALL BUSINESS SERV. - FY 2015 Print Date: 09-Sep-2014

: REVETMENT NORTH SIDE OF 65TH ST. RAIL YARD **Asset Name**

Address : FOOT OF 66TH ST.

: 203

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DBS0051.000 / 13969 Yr Built/Renovated

Linear Ft **Project Type** : ECONOMIC DEVELOPMENT

Date of Survey : 02-Nov-2010 **Landmark Status** : NONE

Areas Surveyed

: 5804 BIN **Block** Lot

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads				
Total				
Priority B Priority C				
Priority C				

Total



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

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT NORTH SIDE OF 65TH ST. RAIL YARD

Bulkheads	Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Revetment							
Stone	100%		LIFE	* *	5	\$1,200	C
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Gravel	100%		2035	* *	2-5	\$600	В
	Erosion, Extent : Ligh	nt, Area Affected : 1	10%				
	Location : Isolated A	Above Revetment					

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT SEA TRAVELERS
Address : FLATBUSH AVE. MILL BASIN

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR026.067 / 21 Yr Built/Renovated :

Linear Ft : 967 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 21-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 8591 Lot : 100 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$121,400	
Total	\$121,400	
Priority C	\$121,400	
Total	\$121,400	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$3,900	\$200		
Total	\$3,900	\$200		
Priority A	\$1,700			
Priority B	\$2,200	\$200		
Priority C				
Total	\$3,900	\$200		



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

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT SEA TRAVELERS

Bulkheads	Current Repair	Current Repair Future Replacement Maintenance		aintenance		
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Revetment						
Stone		\$121,400 LIFE	* *	5	\$5,200	C
	Erosion, Extent : Moderate,					
	Location : Isolated Throug		• • • • • •			
	Other Observation, Extent:	Moderate, Area Affe	cted : 20%			
	Location : Throughout	0.65				
	Explanation: Poor Placen	ient Of Stone				
No Component	10%					D
Sheet Piles						
Steel, 10' Water	8%	LIFE	* *	5	\$24,200	A
	Corrosion, Extent : Light, A					
	Location : At Boat Lift, Ab		1 50/			
	Other Observation, Extent:		cted: 5%			
	Location : At Boat Lift, Ab	ove MIW Elevation				
	Explanation: Corrosion	44.500			* 400	
Timber, 10' Water	2% 4+	\$1,700 LIFE	**	4	\$400	A
	Other Observation, Extent:	Light, Area Affected	: 30%			
	Location : At Boat Lift					
N. G	Explanation : Fill Loss					
No Component	90%					D
Backfill						
Fill	1000/					D
Not Accessible	100%					D
Surface	10%	2036	* *	5	¢1 100	В
Concrete Gravel	20%	2030	* *	5 2-5	\$1,100 \$600	В
	20% 70%	2032				В
Topsoil	/ 0%	2021	\$34,600	5	\$3,200	D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT - RIPRAP BULKHEAD

Address : BETWEEN W 220TH ST & W 219TH ST TO SO.OF W 218TH ST HARLEM RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR055.000 / 13793 Yr Built/Renovated :

Linear Ft : 615 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 19-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2197 Lot : 75 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$144,900	
Total	\$144,900	
Priority B	\$37,700	
Priority C	\$107,200	
Total	\$144,900	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$9,400		\$700	
Total	\$9,400		\$700	
Priority B Priority C	\$9,400		\$700	
Total	\$9,400		\$700	



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT - RIPRAP BULKHEAD

Bulkheads		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type		Cail Date E	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
Structural								
Revetment	~ 0		****			_	44.000	~
Stone	50%	4+	\$107,200	LIFE	* *	5	\$1,800	C
			nt : Light, Area	Affected	: 20%			
	Location:		:	D	-4: II	D1	- Enidon Of	
	Explanalio Material L	_	ineerea Snoreiii	ne Proiec	ction. Inadequate I	riacemer	ii. Eviaence Oj	
Stone	50%	2055		LIFE	* *	5	\$1,800	C
2000		rvation, Exte	nt : Light, Area		: 100%	C	Ψ1,000	Ü
		Typical Thr		55				
	Explanatio	on : Non-eng	ineered Shoreli	ne Protec	ction			
Backfill								
Fill								
Topsoil		Now	\$18,800	2059	* *			В
	Erosion, Extent : Light, Area Affected : 20%							
	Location :	Above Reve	tment Througho	ut				
Topsoil		Now	\$18,800	2059	* *			В
	Erosion, Extent : Severe, Area Affected : 100% Location : Above Revetment 150 Ft Near South End							
		Above Reve	tment 150 Ft Ne	ar South	End			
Not Accessible	50%							D
Surface								
Topsoil	,-	Now	\$4,700	2022	\$7,900	5	\$400	В
	Erosion, Extent : Moderate, Area Affected : 20%							
		Above Reve	tment Througho					
Topsoil	50%			2023	\$15,700	5	\$1,400	В
Topsoil	,-	Now	\$4,700	2022	\$7,900	5	\$400	В
			, Area Affected	: 100%				
	Location :	150ft Near S	South End					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT - RIPRAP BULKHEAD

Address : W 206TH TO W 207TH ST HARLEM RIVER, SUB 1 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DBSR056.000 \, / \, 13797 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Linear Ft : 255 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 20-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2187 Lot : 20 BIN :

Total	\$177,900	
Priority C	\$177,900	
Total	\$177,900	
Bulkheads	\$177,900	
CAPITAL	FY 2016 - 2019	FY 2020 - 2025

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$11,400	\$100		
Total	\$11,400	\$100		
Priority B Priority C	\$11,400	\$100		
Total	\$11,400	\$100		



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT - RIPRAP BULKHEAD

Bulkheads	Current Re	pair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year l FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Revetment							
Stone	65% 4+	\$115,600	LIFE	* *	5	\$1,000	C
	Erosion, Extent : Mode	erate, Area Affect	ed : 100%				
	Location : Throughou	ıt					
	Other Observation, Ex	tent : Moderate, A	Area Affect	ted : 100%			
	Location: Throughou	ıt					
	Explanation : Non-en 50 Percent Quarry Si		uate Place	ment/ Protection	,50 Perc	ent Conc Debris,	
Stone	35% Now	\$62,300	LIFE	* *	5	\$500	С
	Erosion, Extent : Sever	e, Area Affected .	100%				
	Location : At 206th S Desired Slope	t Park And At Mic	d-asset, Mi	inimal Shoreline	Protectio	on, Steeper Than	
Backfill							
Fill							
Topsoil	40% Now	\$10,400	2052	* *			В
	Other Observation, Ex	tent : Severe, Are	a Affected	: 50%			
	Location: Mid-asset	And At Southern	End Of As	set			
	Explanation: Erosio	n Above Revetme	nt And Und	der Upland Conc	rete Slab)	
Not Accessible	60%						D
Surface							
Topsoil	15% Now	\$1,000	2022	\$2,000	5	\$100	В
	Erosion, Extent: Mode	erate, Area Affect	ed : 100%				
	Location : At Souther	n end of Asset					
Topsoil	10%		2022	\$1,300	5	\$100	В
Not Accessible	75%			. ,		,	D

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT - RIPRAP BULKHEAD

Address : W 204TH TO W 205TH ST HARLEM RIVER, SUB 3 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DBSR057.000 \, / \, 13799 \qquad \qquad Yr \, Built / Renovated \quad : \, \,$

Linear Ft : 255 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 21-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2185 Lot : 36 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$177,900	
Total	\$177,900	
Priority C	\$177,900	
Total	\$177,900	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$23,400			
Total	\$23,400			
Priority B Priority C	\$23,400			
Total	\$23,400			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT - RIPRAP BULKHEAD

Bulkheads	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
Structural				
Coping/Curb				
Concrete	25%	LIFE **	5 \$100	C
	Recent Replace Evident, Extent : Light,			
	Location : New Concrete Curb At Sou	thern End Of Asset		
No Component	75%			D
Revetment				
Stone	100% Now \$177,900	LIFE **	5 \$1,500	C
	Other Observation, Extent: Severe, Are	a Affected : 100%		
	Location: Throughout			
	Explanation : Non-engineered, Inadeq	uate Placement/ Protection	ı, Concrete Debris	
Backfill				
Fill				
Topsoil	20% Now \$10,400	2064 **		В
	Erosion, Extent : Moderate, Area Affect	ed : 100%		
	Location : Throughout			
	Other Observation, Extent: Moderate, A	Area Affected : 100%		
	Location : Throughout			
	Explanation : Slope Instability			
Not Accessible	80%			D
Surface				
Topsoil	100% 4+ \$13,000	2024 \$13,000	5 \$600	В
	Erosion, Extent : Moderate, Area Affect	ed : 30%		
	Location: Throughout			

DEPT. OF SMALL BUSINESS SERV. - FY 2015 Print Date: 09-Sep-2014

Asset Name : REVETMENT - RIPRAP BULKHEAD

Address : W 203 TO W 204 ST, HARLEM RIVER SUB 4 OF ASSET TYPE, SUB 1 OF BL

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR058.000 / 13800 Yr Built/Renovated: : 225 **Project Type** : ECONOMIC DEVELOPMENT

Date of Survey : 21-Nov-2012 **Landmark Status** : NONE

Areas Surveyed

Linear Ft

: 2185 BIN **Block** Lot : 10

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$156,900	
Total	\$156,900	
Priority C	\$156,900	
Total	\$156,900	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$29,900			
Total	\$29,900			
Priority B Priority C	\$29,900			
Total	\$29,900			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT - RIPRAP BULKHEAD

Bulkheads	Current	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural								
Revetment								
Stone	100% Now	\$156,900	LIFE	* *	5	\$1,300	C	
	Other Observation,	Extent : Severe, Are	a Affecte	d: 100%				
	Location: Throug	hout						
	Explanation: Non	-engineered, Inade	juate Pla	cement/ Protection	ı, Concre	ete Debris		
Backfill								
Fill								
Topsoil	40% 4+	\$18,400	2064	* *			В	
	Erosion, Extent : Severe, Area Affected : 100%							
	Location: Throug	hout						
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location: Throug	hout						
	Explanation : Slop	e Exposure And Ins	tability					
Not Accessible	60%		-				D	
Surface								
Topsoil	55% Now	\$6,300	2024	\$6,300	5	\$300	В	
1	Erosion, Extent : Se	vere, Area Affected	: 100%	. ,		•		
	Location : Throug	hout						
Topsoil	45% 4+	\$5,200	2024	\$5,200	5	\$200	В	
1 Opsoi1	Erosion, Extent : Li			Ψ3,200	5	Ψ200	D	
	Location : Throug	5 . 55	2070					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT - RIPRAP NO END OVER LAPS GRAVITY WALL

Address : W 160 TO W 166TH ST HARLEM RIVER, SUB 6 OF BL

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR076.000 / 13820 Yr Built/Renovated :

Linear Ft : 1,145 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 04-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2106 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$46,800
Total		\$46,800
Priority B		\$46,800
Total		\$46,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$15,900		\$2,000	
Total	\$15,900		\$2,000	
Priority B	\$7,900		\$2,000	
Priority C	\$8,000			
Total	\$15,900		\$2,000	



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.

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT - RIPRAP NO END OVER LAPS GRAVITY WALL

Bulkheads	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
ructural						
Revetment						_
Stone	80%	LIFE	* *	5	\$5,500	C
Stone	15%	LIFE	* *	5	\$1,000	C
	Settlement, Extent : Light, Area Affec Location : From 160 ft To340 ft Fro End		falls, And At 1180	ft To 1215	5 Ft At North	
Stone	5% 4+ \$8,00	00 LIFE	* *	5	\$300	С
	Other Observation, Extent : Moderate		ted : 100%	-	,	-
	Location: Inshore Of Outfalls 400 From South. Sliding Of Revetment Explanation: Sliding/ Erosion With	At 430 Ft An	d 850 Ft From Sc		72 Ft And 590 Ft	
ackfill						
Fill						_
Topsoil	5% Now \$7,00		**			В
	Other Observation, Extent: Severe, Area Affected: 100%					
	Location: Erosion Of Fill Inshore	Of Outfalls				
	Explanation : Erosion					
Not Accessible	95%					D
Surface	95%					
	95%	2023	\$43,900	5	\$4,000	D B
Surface	95% 75% Other Observation, Extent: Light, A.			5	\$4,000	
Surface	95% 75% Other Observation, Extent : Light, A. Location : Throughout			5	\$4,000	
Surface	95% 75% Other Observation, Extent: Light, A.			5	\$4,000	
Surface	95% 75% Other Observation, Extent : Light, A. Location : Throughout	rea Affected :		5	\$4,000 \$100	
Surface Topsoil	95% 75% Other Observation, Extent: Light, A. Location: Throughout Explanation: Heavy Vegetation 5% Now \$90 Erosion, Extent: Severe, Area Affect	rea Affected : 00 2024	100%		. ,	В
Surface Topsoil	95% 75% Other Observation, Extent: Light, A. Location: Throughout Explanation: Heavy Vegetation 5% Now \$90	rea Affected : 00 2024	100%		. ,	В

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

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT #1

Address : WEST OF ST. PETERS STREET /ALONG BANK STREET

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DGS0061.000 / 13927 Yr Built/Renovated :

Linear Ft : 235 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 20-Oct-2010 Landmark Status : NONE

Areas Surveyed :

Block : 2 Lot : 800 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$57,400	
Total	\$57,400	
Priority C	\$57,400	
Total	\$57,400	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$13,800			
Total	\$13,800			
Priority B Priority C	\$13,800			
Total	\$13,800			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT #1

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Revetment								
Stone	65%			LIFE	* *	5	\$900	C
Stone	35%	Now	\$57,400	LIFE	* *	5	\$500	C
	Erosion, E	xtent : Sev	ere, Area Affected .	: 100%				
	Location	: Revetme	nt Failure At 0+80	To 1+20	O And 1+50 To Wes	st End		
Backfill								
Fill								
Topsoil	20%	Now	\$9,600	2062	* *			В
	Erosion, E	xtent : Sev	ere, Area Affected .	: 70%				
	Location	: Revetme	nt Failure At 0+80	To 1+20	O And 1+50 To Wes	st End		
Not Accessible	80%							D
Surface								
Topsoil	65%			2020	\$7,800	5	\$700	В
Topsoil	35%	Now	\$4,200	2022	\$4,200	5	\$200	В
-	Erosion, E	xtent : Sev	ere, Area Affected .	: 100%				
	Location	: Revetme	nt Failure At 0+80	To 1+20	O And 1+50 To Wes	st End		

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT #2

Address : WEST OF ST. PETERS STREET /ALONG BANK STREET

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DGS0062.000 / 13928 Yr Built/Renovated :

Linear Ft : 320 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 20-Oct-2010 Landmark Status : NONE

Areas Surveyed :

Block : 2 Lot : 801 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$223,200	
Total	\$223,200	
Priority C	\$223,200	
Total	\$223,200	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$25,000			
Total	\$25,000			
Priority B Priority C	\$25,000			
Total	\$25,000			



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

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

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT #2

Bulkheads		Current Rep	oair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Revetment								
Stone	100%	4+	\$223,200	LIFE	* *	5	\$1,900	C
	Other Obse	ervation, Exte	ent : Severe, Are	a Affecte	d: 100%			
	Location	: Throughou	t					
	Explanat	ion : Insuffic	ient Armor					
Backfill								
Fill								
Topsoil	30%	Now	\$19,600	2062	* *			В
	Erosion, E.	xtent : Mode	rate, Area Affect	ed : 100%	6			
	Location	: Throughou	t Inshore Of Rev	etment				
Not Accessible	70%							D
Surface								
Topsoil	70%			2021	\$11,400	5	\$1,000	В
Topsoil	30%	Now	\$4,900	2022	\$4,900	5	\$200	В
-	Erosion, E.	xtent : Mode	rate, Area Affect	ed : 100%	6			
	Location	: Inshore Of	Revetment					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT AND SHORELINE QUEENS NORTH SHORE GREENWAY

Address : EAST SIDE RIKERS ISLAND BRIDGE AROUND POINT INTO BOWERY BAY

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DSB0053.000 / 14023 Yr Built/Renovated :

Linear Ft : 1,740 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 22-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 926 Lot : 40 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$88,900
Total		\$88,900
Priority B		\$88,900
Total		\$88,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$4,100			
Total	\$4,100			
Priority B Priority C	\$4,100			
Total	\$4,100			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT AND SHORELINE QUEENS NORTH SHORE GREENWAY

Bulkheads	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural			•		•	
Revetment						
Stone	100%	LIFE	* *	5	\$10,400	C
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Topsoil	100%	2021	\$88,900	5	\$8,100	В
_	Erosion, Extent : Light, Area	Affected: 5%				
	Location: Throughout, Abo	ove Revetment				

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT AT BKLYN ARMY TERMINAL

Address : ADJACENT HARBOR CHARLIE TO SOUTHSIDE OF PIER 4

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DBSR051.000 / 13646 Yr Built/Renovated : 1997 /

Linear Ft : 915 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 17-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : 5778 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$83,000	\$830,300
Total	\$83,000	\$830,300
Priority B	\$83,000	\$830,300
Total	\$83,000	\$830,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$19,600		\$3,900	
Total	\$19,600		\$3,900	
Priority A Priority B Priority C	\$19,600		\$3,900	
Total	\$19,600		\$3,900	



^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT AT BKLYN ARMY TERMINAL

Bulkheads	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						•
Revetment						
Stone	100% Other Observation, Extent: Light, Are Location: Throughout Explanation: Displaced Stone. Isolo			5 Filter Fal	\$5,500 pric	С
Sheet Piles	•					
Steel Not Accessible	2% 98%	LIFE	* *			A D
Pile Caps Concrete	100% Cracking, Extent : Light, Area Affecte Location : Isolated Throughout Spalling, Extent : Light, Area Affected		* *	5	\$2,800	A
	Location: Isolated Throughout					
Backfill Fill						
Not Accessible	100% Other Observation, Extent: Light, Are Location: Explanation: Sheet Bulkhead Adjace					D
Surface			<i>y</i> ,			
Asphalt	75% Settlement, Extent: Light, Area Affect Location: Typical Throughout Worn, Extent: Light, Area Affected: Location: Typical Throughout		* *	5	\$7,800	В
Asphalt	25% 2-4 \$19,600 Settlement, Extent: Severe, Area Affect Location: Northern End 30 Ft Long Other Observation, Extent: Light, Are Location: Throughout, Behind Bulk Explanation: Settlement	cted : 10% ea Affected :	**	5	\$1,300	В
Deck Elements						
Railing			.			_
Steel	100% 2-4 \$83,000 Broken, Extent: Light, Area Affected: Location: 630 Ft From North End Corrosion, Extent: Moderate, Area A Location: Throughout At Baseplate.	: 5% ffected : 25%	\$830,300 %			В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT N SIDE MACOMBS BRIDGE BULKHEAD

Address : W157 TO NO. SIDE MACOMBS BRIDGE BRIDGE SUB 2 OF BL
Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSP053.000 / 13822 Yr Built/Renovated :

Linear Ft : 570 Project Type : ECONOMIC DEVELOPMENT

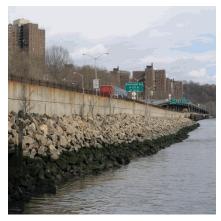
Date of Survey : 05-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2105 Lot : 51 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$517,200
Total		\$517,200
Priority B		\$517,200
Total		\$517,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$48,100	\$3,300		
Total	\$48,100	\$3,300		
Priority A				
Priority B	\$28,200	\$3,300		
Priority C	\$19,900			
Total	\$48,100	\$3,300		



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT N SIDE MACOMBS BRIDGE BULKHEAD

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Gravity Wall								
Concrete	100%			LIFE	* *	5	\$2,300	A
Revetment								
Stone	95%			LIFE	* *	5	\$3,200	C
Stone	5%	Now	\$19,900	LIFE	* *	5	\$200	C
	Missing Pa	art, Extent	: Moderate, Area A	Affected :	5%			
	Undermi From Soi Other Obso Location	ning At To uth. ervation, E : 600ft fro	Aissing Revetment A p Of Revetment Fro Extent : Severe, Are m North Jaced Stones	om 15 ft T	To30 ft,367 ft To382		•	
Backfill		1						
Fill								
Gravel	5%	Now	\$2,300	2039	* *	5		В
	Location	: At South	Extent : Severe, Are ern 15ft Of Asset A Vashed Out Portior	nd At Iso	olated Location Th	roughout		
Not Accessible	95%							D
Surface	7570							
Asphalt	100%			2037	* *	5	\$6,500	В
Deck Elements	10070			2007			ψο,εσσ	
Railing								
Steel	100%	4+	\$25,900	2022	\$517,200			В
5.001			Extent : Moderate, A					D
		: Along T/						
			ran Percent Coating Lo	ss And N	Aoderate Corrosio	1		
	ьхрини	1011 . 100 I	Creeni Counting Lo	55 1 111W IV.	Toucraic Corrosion	ı		

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - FY 2015 Print Date: 09-Sep-2014

: REVETMENT- NICKS SOUTH PARKING BETWEEN NICKS AND YANKEE SKIPPER **Asset Name**

Address : FLATBUSH AVE.

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DBSR026.061 / 2668 Yr Built/Renovated : 370 **Project Type** : ECONOMIC DEVELOPMENT

Date of Survey : 16-Dec-2011 **Landmark Status** : NONE

Areas Surveyed

: 8470 BIN **Block** Lot : 50

CAPITAL

Linear Ft

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads		\$2,100		
Total		\$2,100		
Priority A				
Priority B Priority C		\$2,100		
Total		\$2,100		



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT- NICKS SOUTH PARKING BETWEEN NICKS AND YANKEE SKIPPER

Bulkheads		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	7	ail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Coping/Curb							
Concrete	75%		LIFE	* *	5	\$300	C
No Component	25%						D
Gravity Wall							
Stone Gabion	5%		LIFE	* *	3		A
No Component	25%						D
Not Accessible	70%						D
Revetment							
Stone	100%		LIFE	* *	5	\$2,200	C
	Erosion, Ext	ent : Light, Area Affected :	5%				
	Location:	Isolated					
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt	25%		2032	* *	5	\$1,100	В
	Other Obser	vation, Extent : Moderate, .	Area Affe	ected : 100%			
	Location:	South End					
	Explanatio	on : Ungraded					
Asphalt	75%		2032	* *	5	\$3,200	В
1	Cracking, E.	xtent : Light, Area Affected	: 5%			. ,	
	Location :						

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT UNDER HIGH-LEVEL DECK ASSET 13821, HARLEM RIVER DRIVE

Address : W 157 TO W 160 ST TWO B&LS NO END IN BL2106.997 SUB 3 OF BL

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DGSP052.010 / 13851 Yr Built/Renovated :

Linear Ft : 1,110 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 05-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2105 Lot : 51 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$77,400	
Total	\$77,400	
Priority C	\$77,400	
Total	\$77,400	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$4,500			
Total	\$4,500			
Priority B Priority C	\$4,500			
Total	\$4,500			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT UNDER HIGH-LEVEL DECK ASSET 13821. HARLEM RIVER DRIVE

Bulkheads	C	urrent Repa	ir	Futur	e Replacement	M	aintenance	
System Component Type		nil Date Est Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Revetment								
Stone	90%			LIFE	* *	5	\$6,000	C
	Other Observ	vation, Exten	t : Severe, Are	a Affecte	d : 2%			
	Location : A	At DEP outfa	ıll					
	Explanation	n : Displaced	l Stones					
Stone	10%	Now	\$77,400	LIFE	* *	5	\$700	С
	Other Observ	vation, Exten	t : Severe, Area	a Affecte	d : 100%			
	Location: At Top Of Revetment Slope Between 360 ft And 480 ft And 930 ft And 945 ft North Of Southern Limit Of Asset Explanation: Fill Loss/ Erosion/ Inadequate Protection							
Backfill								
Fill								
Topsoil	10%	Now	\$4,500	2064	* *			В
_	Erosion, Exte	ent : Modera	te, Area Affect	ed : 1009	%			
	Location : I	Loss Of Back	fill Material A	t Top Of	Revetment Slope			
Not Accessible	90%							D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : REVETMENT/GRAVITY WALL

Address : CONEY ISLAND W.23 TO W.25 ST. BEHIND SCHOOL

Borough : BROOKLYN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DBS0026.050 \, / \, 2893 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Linear Ft : 630 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 04-Jan-2012 Landmark Status : NONE

Areas Surveyed :

Block : 6965 Lot : 100 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$439,400	
Total	\$439,400	
Priority C	\$439,400	
Total	\$439,400	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$19,300			
Total	\$19,300			
Priority B Priority C	\$19,300			
Total	\$19,300			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT/GRAVITY WALL

Bulkheads	Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Revetment							
Stone	100% Now	\$439,400	LIFE	* *	5	\$3,800	C
	Other Observation, Ex	tent : Severe, Ared	a Affecte	d : 100%			
	Location : At Back O	f Revetment					
	Explanation: Stone	Missing, Bank Erd	osion				
Backfill							
Fill							
Topsoil	100%		2026	* *	10		В
Surface							
Topsoil	100% Now	\$19,300	2023	\$32,200	5	\$1,500	В
-	Erosion, Extent : Seven	re, Area Affected :	60%				
	Location: Erosion C	of Bank					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SCHAEFFER LANDING SHEET PILE BULKHEAD STEEL WITH CONCRETE CAP

Address : WALLABOUT CHANNEL

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0042.000 / 13955 Yr Built/Renovated :

Linear Ft : 358 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 03-Nov-2010 Landmark Status : NONE

Areas Surveyed :

Block : 2134 Lot : 126 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$324,900
Total		\$324,900
Priority B		\$324,900
Total		\$324,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$7,500			\$9,200
Total	\$7,500			\$9,200
Priority A				
Priority B	\$7,500			\$9,200
Total	\$7,500			\$9,200



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SCHAEFFER LANDING SHEET PILE BULKHEAD STEEL WITH CONCRETE CAP

Bulkheads	Cu	rrent Repair	Futur	Future Replacement		Maintenance	
System Component Type		Date Estimated Cost (ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Sheet Piles	500/			de de			
Steel	60%		LIFE	* *			Α
		tent : Light, Area Affected bove The Mhw Elevation		Zone			
Not Accessible	40%	Dove The Hill Elevation	In Spicish	20110			D
Pile Caps	1070						
Concrete	100%		LIFE	* *	5	\$1,100	A
		ent : Light, Area Affected				7-,	
		olated Throughout					
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt Pavers	20%		2035	* *	5	\$800	В
Concrete	15%		2035	* *	5	\$600	В
Timber	65%		2035	* *	10		В
Fender							
Piles							
Composite	60%		2048	* *			В
Not Accessible	40%						D
Wales and Chocks							
Timber	95%		2031	* *	4	\$18,500	В
Timber		fow \$7,500	2037	* *	4	\$1,000	В
	_	Extent : Severe, Area Affe t East End Below Access		0%			
Deck Elements							
Railing							
Steel	100%		2021	\$324,900			В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SEAWALL BULKHEAD

Address : W181 @SO. SIDE WASHINGTON BRIDGE TO W184 ST HARLEM RIVER SUB 4 BL

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR070.000 / 13814 Yr Built/Renovated :

Linear Ft : 887 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 03-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2149 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$256,700	
Total	\$256,700	
Priority A	\$172,400	
Priority C	\$84,300	
Total	\$256,700	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads			\$4,800	
Total			\$4,800	
Priority A Priority B Priority C			\$4,800	
Total			\$4,800	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SEAWALL BULKHEAD

Bulkheads	Current Repair	Future Replacement	M	aintenance				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code			
tructural								
Coping/Curb								
Stone	80%	LIFE **	5	\$1,200	C			
	Other Observation, Extent : Light, Area	Affected: 10%						
	Location : Throughout							
	Explanation : Partial Loss Of Mortar							
Stone	20% 4+ \$84,300	LIFE **	5	\$300	C			
	Other Observation, Extent: Moderate,							
	Location : At Top Of Wall Between St	ations $6+50$ And $8+40$ (Fi	om South	(n)				
	Explanation: Loss Of Mortar Bedding	?						
Gravity Wall								
Concrete	84%	LIFE **	5	\$3,000	A			
	Cracking, Extent : Light, Area Affected	: 4%						
	Location: In Top 15 Ft Of Wall	Location: In Top 15 Ft Of Wall						
	Erosion, Extent: Light, Area Affected:	25%						
	Location : Erosion/Scaling In Upper	15 Ft Of Wall						
	Spalling, Extent : Light, Area Affected :	2%						
	Location: Isolated At Construction Jo	pints						
	Other Observation, Extent : Light, Area	Affected: 3%						
	Location: Throughout In Upper 15 F.	t Of Wall						
	Explanation : Efflorescence							
Concrete	2% 4+ \$54,300	LIFE **	5	\$100	A			
	Cracking, Extent : Moderate, Area Affe	cted : 50%						
	Location: Top 15ft Of Wall Between	2+45 And 3+00						
	Displaced Elements, Extent: Moderate	Area Affected : 100%						
	Location : Displacement Of Wall At J	oint Located At Station 3+8	35					
	Erosion, Extent : Moderate, Area Affect	red : 50%						
	Location: In Upper Wall, Station 2+.	80 To 2+45 (From South)						
	Exposed Reinforcement, Extent: Light,	Exposed Reinforcement, Extent: Light, Area Affected: 25%						
	Location: In Upper Wall, Station 2+.	80 To 2+60 (From South)						
	Spalling, Extent : Moderate, Area Affec	ted : 30%						
	Location : At Construction Joints And South)	At New Construction Statis	ons 8+75	And 8+85 (From				
Stone	14% 4+ \$118,100	LIFE **	5	\$10,500	A			
	Missing Part, Extent : Moderate, Area	Affected : 5%						
	Location : Single Blocks Missing At S	tations 0+05, 0+50, And 1	+10 (Fra	om South)				
	Missing Block Seal, Extent: Moderate,	Area Affected : 20%						
	Location: Throughout In Tidal Zone							
ackfill								
Fill								
Not Accessible	100%				D			

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SEAWALL BULKHEAD

Bulkheads	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill					·	
Surface						
Asphalt	94%	2033	* *	5	\$9,500	В
	Cracking, Extent : Light, Area A	Affected : 5%				
	Location : Throughout					
	Settlement, Extent : Light, Area	Affected : 3%				
	Location : Isolated Throughou	ıt				
Asphalt	1%	2033	* *	5	\$100	В
-	Cracking, Extent: Moderate, A.	rea Affected : 30%	ó			
	Location: Station 7+00 To 8-	÷90				
No Component	5%					D
-	Other Observation, Extent : Lig	ht, Area Affected :	0%			
	Location : Between 0+00 And	1+00				
	Explanation : Harlem River D	rive Is No Compo	nent Area			
Deck Elements						
Parapet						
Concrete	100%	2025				В
	Erosion, Extent : Light, Area Affected : 100%					
	Location : Erosion/Scaling Th	hroughout				
	Other Observation, Extent : Lig	ht, Area Affected :	5%			
	Location: Above Coping Isolo	ited Throughout				
	Explanation : Deteriorated M	ortar Bedding				

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SEAWALL & RELIEVING PLATFORM

Address : E. RIVER, 15TH TO 23RD ST. CON-ED PLANT TO SKYPORT PARKING

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DBSR025.061 / 4083 Yr Built/Renovated :

Linear Ft : 3,007 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 07-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 991 Lot : 999 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$490,900	\$2,383,000
Total	\$490,900	\$2,383,000
Priority A Priority B	\$490,900	\$63,700 \$2,319,300
Total	\$490,900	\$2,383,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$27,700	\$8,900		\$4,600
Total	\$27,700	\$8,900		\$4,600
Priority A	\$25,000			
Priority B	\$2,700	\$8,900		\$4,600
Total	\$27,700	\$8,900		\$4,600



^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SEAWALL & RELIEVING PLATFORM

Bulkheads	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Relieving Platform Top							
Concrete/Stone	25% 4+	\$295,800	LIFE	* *			A
		evere, Area Affected	: 10%				
		Bottom Of Concrete					
		ment, Extent : Severe	, Area A <u>f</u>	fected : 10%			
	_	Bottom Of Concrete					
	=	nt : Severe, Area Affe					
	Location : At Sta	tions 1+52 And 2+84	From So	outh			
Concrete/Stone	20%		LIFE	* *			A
	_	Moderate, Area Affe		%			
	Location : Throu	ghout Under Platfori	n				
	Discolor & Bleeding	ig, Extent : Moderate	, Area Aj	ffected : 25%			
	Location : Throu	ghout Under Platfori	n				
No Component	50%						D
Not Accessible	5%						D
Gravity Wall							
Concrete	12%		LIFE	* *	5	\$1,500	A
Concrete	2% 4+	\$92,000	LIFE	* *	5	\$200	A
	Erosion, Extent : N	loderate, Area Affect	ed : 10%				
	Location: 18+99	To 19+90					
Concrete	1% Now	\$46,000	LIFE	* *	5	\$100	A
	Spalling, Extent : S	'evere, Area Affected	: 25%				
	Location : At Sta	tion 19+41 From Soi	ıth				
Stone	24%		LIFE	* *	5	\$61,200	A
Stone	1% 4+	\$57,200	LIFE	* *	5	\$2,500	A
20010		s, Extent : Moderate,		fected : 25%		42,0 00	
	-	tion 14+92 From Soi					
No Component	50%						D
Not Accessible	10%						D
Pile Caps	1070						- Б
Concrete	2% 4+	\$25,000	LIFE	* *	5	\$200	A
Concrete		loderate, Area Affect			J	Ψ200	••
		Platform Face Abov					
No Component	50%						D
No Component Not Accessible	48%						D
	4070						ע
Backfill Fill							
Not Accessible	100%						D
NOT ACCESSIBLE	100%						ע

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SEAWALL & RELIEVING PLATFORM

Bulkheads	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill						
Surface						
Asphalt	15%	2032	* *	5	\$5,100	В
	Settlement, Extent : Light, Area Location : Throughout	a Affected : 5%				
Asphalt Pavers	17%	2032	* *	5	\$5,800	В
Brick Pavers	27%	2039	* *	5	\$9,300	В
Concrete	20%	2032	* *	5	\$6,900	В
	Other Observation, Extent : Li Location : Behind Gravity W Explanation : Fdr Drive Surj	'all	: 100%			
Stone	4%	2032	* *	10		В
Topsoil	16%	2021	\$24,600	5	\$2,300	В
-	Other Observation, Extent : Li Location : 16+00 And 19+2. Explanation : Displaced Man	3 Respectively		khole		
Topsoil	1% Now	\$1,500 2023	\$1,500	5	\$100	В
	Settlement, Extent : Severe, Ar Location : At Station 19+41	. /	7-,		7-00	_
Deck Elements						
Railing						
Guard Rail	15%	LIFE	* *			В
Steel	85%	2022	\$2,319,300			В
	Other Observation, Extent : Li		: 10%			
	Location : Railing Along Fdi	r Drive				
	Explanation: Corrosion					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SEAWALL WITH STONE FACING BULKHEAD

Address : HIGHBRIDGE PK W 185 TO W 186 STS HARLEM RIVER, SUB 2 OF BL

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR068.000 / 13812 Yr Built/Renovated :

Linear Ft : 334 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 30-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2149 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$47,600	
Total	\$47,600	
Priority A	\$47,600	
Total	\$47,600	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$2,000		\$1,900	
Total	\$2,000		\$1,900	
Priority A Priority B Priority C	\$2,000		\$1,900	
Total	\$2,000		\$1,900	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SEAWALL WITH STONE FACING BULKHEAD

Bulkheads	Current Repair	Future Replaceme	nt	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimated (FY	Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Coping/Curb				_		_
Stone	100%	LIFE	* *	5	\$600	C
	Other Observation, Extent: Light, A	Area Affected : 10%				
	Location : Throughout Explanation : Partial Loss Of Mo	ntan Paddina				
Gravity Wall	Explanation . Farital Loss Of Mod	riar Beading				
Stone	95%	LIFE	* *	5	\$26,900	A
Stone	5% 4+ \$47,6		* *	5	\$1,400	A
Stolle	Displaced Elements, Extent : Severa Location : Station 0+60			3	Ψ1,400	71
	Missing Part, Extent : Severe, Area	Affected: 75%				
	Location: Stations 2+40, 2+65, A	And 3+20 (From South)				
	Missing Block Seal, Extent: Severe	, Area Affected : 25%				
	Location : In Tidal Zone Station (0+50 To 3+24				
Backfill						
Fill				_		_
Sand	2% Now \$1,4		* *	5		В
	Other Observation, Extent: Light, A Location: Stations 0+38, 1+44, 1	==				
	Explanation: Small Sinkholes	1+00, 2+72 (From South)				
Not Accessible	98%					D
Surface	98%					D
Asphalt	98%	2033	* *	5	\$3,700	В
Aspiiait	Cracking, Extent : Light, Area Affec			3	\$3,700	ь
	Location: Throughout					
Asphalt	2% Now \$6	00 2039	* *	5		В
Aspiiait	Settlement, Extent : Light, Area Affe			3		ь
	Location : Along Back Of Wall St					
	Other Observation, Extent: Modera					
	Location: Stations 0+38, 1+44, 1	• • • • • • • • • • • • • • • • • • • •				
	Explanation : Small Sinkholes					
Deck Elements						
Parapet						
Concrete	100%	2025				В
	Other Observation, Extent : Light, A	Area Affected : 10%				
	Location : Atop Coping Througho	put				
	Explanation : Deteriorated Morta	r Bedding				

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SHEEPSHEAD BAY MARINA BULKHEAD

Address : E. 27TH ST AND EMMONS / TO PEMBROKE AND SHORE BLVD.

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DBSR036.000 / 13482 Yr Built/Renovated :

Linear Ft : 8,401 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 20-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 8813 Lot : 70 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$695,700	\$6,314,100
Total	\$695,700	\$6,314,100
Priority A		\$59,500
Priority B	\$695,700	\$6,254,600
Total	\$695,700	\$6,314,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$30,500			
Total	\$30,500			
Priority A				
Priority B	\$30,500			
Total	\$30,500			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SHEEPSHEAD BAY MARINA BULKHEAD

Asset #: 13482

Bulkheads	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estima	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Sheet Piles						
Steel	30%	LIFE	* *			A
	Corrosion, Extent : Light, Area Aff		1 0 cm 1			
	Location : At Sheet Pile Interlock	o .		<i>Bay</i>		
	Other Observation, Extent: Light,					
	Location : Above Mlw Throughou	ıt				
	Explanation: Worn					
Not Accessible	70%					D
Wales						
Steel	30%	LIFE	* *	5	\$59,500	A
	Corrosion, Extent : Light, Area Aff			_		
	Location: Station 47+60 To 49+	30 And Station 71+5.	3 To 84+01	!		
No Component	70%					D
Pile Caps						
Concrete	100%	LIFE	* *	5	\$25,300	A
	Cracking, Extent : Light, Area Affe	cted : 5%				
	Location : Isolated Throughout					
	Recent Replace Evident, Extent : L		55%			
	Location: South Side Of Sheepsh	-				
	Spalling, Extent : Light, Area Affec					
	Location : Isolated Throughout N	orth Side Of Bay				
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Concrete	20% 4+ \$575,1		* *	5	\$9,600	В
	Cracking, Extent: Light, Area Affe					
	Location: Station 20+00 To State		heast			
	Settlement, Extent : Light, Area Aff					
	Location: Station 31+57 To State	ion 47+25 From Nort	heast And	Isolated .	Areas	
Concrete	80%	2036	* *	5	\$76,700	В

Deck Elements

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SHEEPSHEAD BAY MARINA BULKHEAD

Bulkheads	Current Repair	Futur	e Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Deck Elements					
Railing					
Concrete	18%	2024	\$352,300		В
Concrete	2% 4+ \$23,500	2024	\$39,100		В
	Other Observation, Extent: Light, Ar Location: Isolated Throughout Explanation: Spalling	ea Affected	: 10%		
Concrete	5% 2-4 \$58,700 Other Observation, Extent: Moderate Location: Isolated Throughout Explanation: Spalling		\$97,900 cted : 10%		В
Steel	73% Other Observation, Extent: Light, Ar Location: Isolated Throughout Explanation: Corrosion And Paint		\$5,565,000 : 5%		В
Steel	2% 4+ \$30,500 Other Observation, Extent: Severe, A Location: Isolated Throughout Explanation: Impact Damage	2021	\$152,500 d:50%		В

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SHEET PILE BULKHEAD AT 22ND ST. GOWANUS BAY

Address : SOUTHEAST CORNER OF WHARF TO NORTH SIDE OF 23RD STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0026.040 / 1740 Yr Built/Renovated :

Linear Ft : 330 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 16-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 644 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$83,500	
Total	\$83,500	
Priority B	\$83,500	
Total	\$83,500	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$1,000	\$800		_
Total	\$1,000	\$800		
Priority B Priority C	\$1,000	\$800		
Total	\$1,000	\$800		



^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SHEET PILE BULKHEAD AT 22ND ST. GOWANUS BAY

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Coping/Curb								
Timber	45%			LIFE	* *	5	\$100	C
No Component	55%							D
Sheet Piles								
Steel	40%			LIFE	* *			A
	Corrosion	, Extent : M	Ioderate, Area Affe	ected : 30	9%			
	Location	ı : Above Tl	ne Mlw Elevation T	Througho	ut			
Not Accessible	60%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt	55%			2036	* *	5	\$2,100	В
Concrete	45%			2032	* *	5	\$1,700	В
Fender								
Wales and Chocks								
Timber	100%	Now	\$83,500	2038	* *	4	\$17,900	В
	Missing P	art, Extent .	: Severe, Area Affe	cted : 90	%			
	Location	: Through	out					
Deck Elements		•		•				•
Railing								
Fencing	55%			2024	\$9,300	3	\$100	В
No Component	45%							D

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SHEETPILE BULKHEAD BEHIND ASSET 13803

Address : NO. SIDE OF CON ED FACILITY FOOT OF W 201 ST HARLEM RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR061.010 / 13854 Yr Built/Renovated :

Linear Ft : 245 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 26-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2184 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$811,400	
Total	\$811,400	
Priority A	\$761,100	
Priority B	\$50,300	
Total	\$811,400	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$41,400	\$100		
Total	\$41,400	\$100		
Priority A	\$8,200			
Priority B	\$2,300	\$100		
Priority C	\$31,000			
Total	\$41,400	\$100		



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SHEETPILE BULKHEAD BEHIND ASSET 13803

Bulkheads	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
Structural				
Coping/Curb				
Timber	10% Now \$2,600	LIFE **	5	C
	Rotting/Splitting, Extent: Severe, Area Location: Station 2+27 To 2+50	Affected : 90%		
Timber	30% 4+ \$7,900	LIFE **	5	C
	Rotting/Splitting, Extent: Moderate, Ar			
	Location: Station 1+55 To 2+27 (Fr	om North)		
No Component	60%			D
Revetment				
Stone	20% 4+ \$20,500	LIFE **	5 \$300	C
	Other Observation, Extent : Moderate,	==		
	Location: Station 0+00 To 0+46 (Fr	om North)		
	Explanation: Inadequate Protection			
No Component	80%			D
Sheet Piles				
Steel	55% 4+ \$761,100	LIFE **		Α
	Corrosion, Extent : Moderate, Area Aff			
	Location: In Tidal Zone And Splash 2			
	Other Observation, Extent : Severe, Are	ea Affected : 10%		
	Location: In Tidal Zone Under Pier			
	Explanation: Corrosion Holes			
No Component	20%			D
	Other Observation, Extent: Light, Area	Affected: 0%		
	Location: Station 0+00 To 0+46			
	Explanation: Revetment			
Not Accessible	25%			D
Wales	200/ N	TIEE **	f	
Steel	20% Now \$8,200 Corrosion, Extent : Severe, Area Affecto	LITE	5 \$1,200	Α
	Location : Throughout Exposed Lengt			
NT . A		n Of wate		
Not Accessible	80%			D
Backfill				
Fill Topsoil	15% Now \$2,300	2064 **		В
1 0ps011	Other Observation, Extent: Severe, Are	2004		ט
	Location: Sinkhole 1+79 To 2+15 Ar		orth)	
	Explanation: Sinkhole/Fill Loss		,	
Not Accessible	85%			D
Not Accessible	03/0			ע

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SHEETPILE BULKHEAD BEHIND ASSET 13803

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill								
Surface								
Concrete	55%	4+	\$46,100	2039	* *	5	\$800	В
	Broken, Ex	tent : Mod	erate, Area Affecte	d: 100%	ó			
	Location .	: Settlemer	nt/Broken Through	iout				
	Cracking, I	Extent : Mo	oderate, Area Affec	ted : 25%	6			
	Location .	: Through	out					
Concrete	5%	Now	\$4,200	2039	* *	5	\$100	В
	Broken, Ex	tent : Mod	erate, Area Affecte	d: 100%	ó			
	Location	: Broken/	Displaced At In No	rthern 40	6 Ft Of Asset			
Topsoil	20%			2022	\$2,500	5	\$200	В
Not Accessible	20%							D
	Other Obse	rvation, E	xtent : Light, Area	Affected	: 0%			
	Location	:						
	Explanati	on : Heav	y Vegetation					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SOUTH BROOKLYN MARINE TERMINAL 30TH ST. PIER

Address : 30TH STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0013.108 / 4080 Yr Built/Renovated :

Linear Ft : 2,475 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 14-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 662 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$1,019,000	\$69,500
Total	\$1,019,000	\$69,500
Priority B Priority C	\$69,500 \$949,400	\$69,500
Total	\$1,019,000	\$69,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads				
Total				
Priority B				
Priority C				

Total



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.

DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL 30TH ST. PIER

Bulkheads	Curr	ent Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail l Total (Yea	Date Estimated Cost ars)	Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Revetment							
Stone	12% 0-2	2 \$207,200	LIFE	* *	5	\$1,800	C
	_	xtent : Severe, Area Aff st Face Of Asset	ected : 100%				
Stone	43% 2-4	4 \$742,300	LIFE	* *	5	\$6,400	C
		xtent : Moderate, Area . th Face Of Asset	Affected : 75%				
Under Construction	45%						D
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Topsoil	55% 4+	\$69,500	2023	\$69,500	5	\$3,200	В
	Erosion, Extent	: Moderate, Area Affec	ted : 100%				
	Location : Abo	ove Revetment, Along N	orth And West	Face Of Asse	t		
Under Construction	45%						D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SOUTH BROOKLYN MARINE TERMINAL 39 ST BULKHEAD

Address : 39 ST BULKHEAD

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0013.104 / 1777 Yr Built/Renovated :

Linear Ft : 3,200 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 16-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 662 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$15,378,600	\$475,200
Total	\$15,378,600	\$475,200
Priority A	\$14,891,200	
Priority B	\$383,400	\$475,200
Priority C	\$104,100	
Total	\$15,378,600	\$475,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$15,300	\$10,000	_	
Total	\$15,300	\$10,000		
Priority A				
Priority B	\$15,300	\$10,000		
Priority C				
Total	\$15,300	\$10,000		



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL 39 ST BULKHEAD

ulkheads	Current Repair	Future	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
uctural	•	•				
Coping/Curb						
Concrete	75%	LIFE	* *	5	\$2,200	C
	Cracking, Extent : Light, Area Affected					
	Location: Throughout N-shed, J-shed			Bulkhea	d	
	Recent Replace Evident, Extent: Light,					
	Location: Bulkhead Replacement At I	N-shed An	d J-shed On Norti	h Side Oj	FPier	
Concrete	5% Now \$52,000	LIFE	* *	5	\$200	С
	Broken, Extent : Severe, Area Affected :	80%				
	Location: Isolated At North End Of W	Vest Bulkh	ead And At Weste	rn Third	Of South	
	Bulkhead					
Concrete	10% 4+ \$52,000	LIFE	* *	5	\$300	C
	Spalling, Extent : Moderate, Area Affec					
	Location: At North And South Ends C	of West Bu	ılkhead And Throi	ighout 20) Percent Of	
	South Bulkhead					
No Component	10%					D
Gravity Wall				_		
Concrete	10%	LIFE	* *	5	\$1,300	Α
	Cracking, Extent: Light, Area Affected					
	Location: Throughout Cantilever Wa					
	Recent Replace Evident, Extent: Light,					
	Location : At Inshore Of North Side W					
Concrete	40%	LIFE	* *	5	\$5,200	Α
	Cracking, Extent : Light, Area Affected					
	Location: Throughout N-shed, J-shed					
	Erosion, Extent : Moderate, Area Affect					
	Location: Bottom Of Cap Along The					
	Recent Replace Evident, Extent: Light,		cted : 40%			
	Location : At N-shed And J-shed Bulk	heads				
Concrete	35% 4+ \$8,565,400	LIFE	* *	5	\$4,500	A
	Erosion, Extent : Severe, Area Affected					
	Location : At Base Of Fender Standof	fs Along S	South Face Of Ass	et		
	Spalling, Extent : Severe, Area Affected	: 10%				
	Location: Isolated At Vertical Joints A	Along Wes	st Bulkhead			
	Tilting, Extent: Moderate, Area Affecte	ed: 20%				
	Location: South Bulkhead 240 Ft Eas	st Of West	End			
No Component	15%					D
Revetment						
Stone	10%	LIFE	* *	5	\$1,900	C
	Recent Replace Evident, Extent: Light,					
	Location : At Inshore Of North Side C	of 39th St 1	Pier			
No Component	90%					D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL 39 ST BULKHEAD

Asset #: 1777

Bulkheads	Current Repair	Future Re	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Structural		•						
Sheet Piles								
Steel	20%	LIFE	* *			A		
	Recent Replace Evident, Extent : Light, Area Affected : 100% Location : N-shed And J-shed Bulkheads							
Steel	35% 4+ \$6,325,800	LIFE	* *			A		
	Corrosion, Extent : Severe, Area Affected : 10%							
	Location: Along South Bulkhead Below Concrete Encasement As Observed During The 2007 Routine Inspection							
No Component	10%					D		
Not Accessible	35%					D		
Pile Caps				_				
Concrete	15%	LIFE	* *	5	\$1,400	A		
	Cracking, Extent: Light, Area Affected: 2%							
	Location: Throughout N-shed Bulkhead At North Side Of Pier							
	Recent Replace Evident, Extent : Light, Area Affected : 100% Location : Along N-shed Bulkhead							
						D.		
No Component	85%					D		
Backfill Fill								
Topsoil	2% Now \$700	2058	* *			В		
	Other Observation, Extent : Severe, Area Affected : 60%							
	Location : At Offshore Of J-shed On North Side And Isolated Along West Bulkhead And South Bulkhead							
	Explanation : Settlement/fill Loss							
Not Accessible	98%					D		
Surface								
Asphalt	55%	2032	* *	5	\$20,100	В		
	Broken, Extent : Severe, Area Affected : 1%							
	Location: Offshore End Of J-shed							
Concrete	10%	2036	* *	5	\$3,700	В		
	Cracking, Extent : Light, Area Affected : 2%							
	Location: Isolated Throughout West Bulkhead And South Bulkhead							
Concrete	35% 4+ \$383,400	2038	* *	5	\$6,400	В		
	Cracking, Extent: Moderate, Area Affected: 50%							
	Location: Isolated Along West Bulkhead And South Bulkhead							
	Settlement, Extent : Moderate, Area Affected : 100%							
	Location : Isolated Along West Bulkl	nead And South	Bulkhead					

Fender

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL 39 ST BULKHEAD

Bulkheads	Current Repair	Future	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Fender							
Buffer							
Pneumatic Fenders	54%	2021	\$346,800			В	
	Corrosion, Extent : Severe, Area Affected : 10%						
	Location: Lower Hardware	Connections South	Bulkhead				
	Surface Wearing/Scaling, Extent: Moderate, Area Affected: 30%						
	Location: On Arch Fenders Along The West And South Sides Of Asset						
Pneumatic Fenders	10%	2022	\$64,200			В	
	Recent Replace Evident, Exter	ıt : N/A, Area Affec	ted : 100%				
	Location : J-shed Bulkhead						
Pneumatic Fenders	10% 4+	512,800 2022	\$64,200			В	
	Loose Connections, Extent : S	evere, Area Affecte	d : 30%				
	Location: Isolated Connection Failures At Padeyes of Four Floating Fenders At J-shed						
	Recent Replace Evident, Extent: N/A, Area Affected: 100%						
	Location : J-shed Bulkhead						
Timber	1%	2021		5		В	
	Weathering, Extent : Light, Area Affected : 100%						
	Location : Offshore Of The South Side						
No Component	25%					D	

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SOUTH BROOKLYN MARINE TERMINAL BULKHEADS

Address : BET. PIERS FROM 28TH TO 39TH STS

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0026.011 / 1736 Yr Built/Renovated : 1920 /

Linear Ft : 1,620 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 06-Jan-2012 Landmark Status : NONE

Areas Surveyed :

Block : 662 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$268,700	
Total	\$268,700	
Priority A	\$207,300	
Priority B	\$61,400	
Total	\$268,700	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$74,300	\$6,500		
Total	\$74,300	\$6,500		
Priority A	\$2,400			
Priority B	\$71,900	\$6,500		
Priority C				
Total	\$74,300	\$6,500		



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL BULKHEADS

Asset #: 1736

Bulkheads	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Relieving Platform Top	400.00		_	** 400	
Concrete, 10' Water	40% 4+ \$130,300		5	\$2,400	A
	Corrosion of Reinforcement, Extent:	Severe, Area Affected: 25%			
	Location: Within Tidal Zone	1 100/			
	Other Observation, Extent: Moderate				
	Location: At 31st To 33rd Street, T.	nrougnout Itaal Zone			
N. C	Explanation : Spalling				- D
No Component	60%				D
Coping/Curb	150/	TIEE **	5	¢200	C
Concrete	15% Other Observation, Extent: Moderate	LIFE	5	\$200	С
	Location : South Of 35th Street Pier				
	Explanation: Undercut	r			
No Component	85%				D
No Component	83%				ע
Gravity Wall Steel, 20' Water	10%	2031 **	10		A
Steel, 20 Water	Other Observation, Extent: Light, Ar		10		Α
	Location: North Of 39th Street Pier				
	Explanation: Corrosion	r, m sprasn zone			
Stone	15%	LIFE **	5	\$20,600	A
Stone	5% 4+ \$77,000		5	\$6,900	A
Stolle	Displaced Elements, Extent : Modera		3	ψ0,200	71
	Location: At 31st To 33rd Street	we, in early cerea i 2070			
No Component	40%				D
Not Accessible	30%				D
Piles and Bracing	3070				- Б
Timber	2%	2032 **	4	\$7,300	A
No Component	80%	2032	•	Ψ1,200	D
Not Accessible	18%				D
Revetment					
Stone	5%	LIFE **	5	\$500	C
No Component	90%			•	D
Not Accessible	5%				D
Pile Caps					
No Component	80%				D
Not Accessible	20%				D
Backfill					
Fill					
Topsoil	10% Now \$33,100				В
	Other Observation, Extent : Severe, A	Area Affected : 100%			
	Location: At 31st To 33rd Street				
	E 1 . C 11 1				
	Explanation : Sinkholes				

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.

DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL BULKHEADS

Bulkheads	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill					
Surface					
Asphalt	20% Now \$27,700	2038 **	5	\$1,800	В
	Settlement, Extent : Severe, Area Affecte				
	Location: Sinkholes At 31st To 33rd S	treets			
Asphalt	55%	2032 **	5	\$10,200	В
•	Cracking, Extent: Severe, Area Affected	! : 15%			
	Location: Throughout				
Concrete	10% 4+ \$11,100	2032 **	5	\$900	В
	Cracking, Extent: Moderate, Area Affect			,,,,,	
	Location : At Steel Circular Cells Nort				
	Spalling, Extent : Moderate, Area Affect	ed : 40%			
	Location : At 31st To 33rd Street				
Concrete	15%	2032 **	5	\$2,800	В
	Cracking, Extent : Light, Area Affected :	10%		+-,	_
	Location: Isolated Throughout				
Fender	-				
Buffer					
Rubber	20% 4+ \$61,400	2032 **	4-5	\$5,500	В
	Loose Connections, Extent: Severe, Are	a Affected : 15%			
	Location: At 31st To 33rd Street, In T	idal Zone			
	Other Observation, Extent : Light, Area	Affected : 90%			
	Location: Throughout				
	Explanation: Hardware Corrosion				
No Component	80%				D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SOUTH BROOKLYN MARINE TERMINAL REVETMENT AND STEEL CELLS

Address : LANDFILL BTWN 33 & 35 ST PIER 35 STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0013.107 / 1754 Yr Built/Renovated :

Linear Ft : 2,960 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 11-Jan-2012 Landmark Status : NONE

Areas Surveyed :

Block : 662 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$60,500
Total		\$60,500
Priority B		\$60,500
Total		\$60,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$21,500	\$5,900		
Total	\$21,500	\$5,900		
Priority B Priority C	\$21,500	\$5,900		
Total	\$21,500	\$5,900		



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL REVETMENT AND STEEL CELLS

Bulkheads	Current Repai	r Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Esti	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Coping/Curb						
Concrete	10%	LIFE	* *	5	\$300	C
No Component	60%				·	D
Not Accessible	30%					D
Gravity Wall						
Steel, 20' Water	5%	2028	* *	10		Α
, , , , , , , , , , , , , , , , , , , ,	Other Observation, Extent		cted : 10%			
	Location : Isolated Abov	re Mean Low Water Ele	evation			
	Explanation: Corrosion					
No Component	85%					D
Not Accessible	10%					D
Revetment	1070					
Stone	50%	LIFE	* *	5	\$8,900	C
No Component	15%	Lii L		3	ψ0,200	D
Not Accessible	35%					D
Backfill	20,0					
Fill						
Topsoil	5% Now	\$6,000 2063	* *			В
1	Other Observation, Extent		d: 100%			
	Location : Isolated Thro	ughout And At Station	15+05			
	Explanation : Settlement					
Not Accessible	95%					D
Surface						
Asphalt	35%	2032	* *	5	\$11,800	В
1	Cracking, Extent : Light, A	Area Affected : 10%			, ,	
	Location : Isolated Thro	ughout				
Asphalt	5% Now	\$12,700 2038	* *	5	\$800	В
rispilare	Settlement, Extent : Moder	. ,	0%	3	φοσσ	Ь
	Location : Isolated Thro					
	Other Observation, Extent	· ·	d : 50%			
	Location : Isolated Alon					
	Explanation : Sinkholes					
Topsoil	40%	2021	\$60,500	5	\$5,500	В
Not Accessible	20%	2021	\$00,500	5	φ5,500	D
Not Accessible	2070					ע

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SOUTH BROOKLYN MARINE TERMINAL SHEET PILE/GRAVITY WALL BULKHEAD

Address : AT 29TH STREET & GOWANUS CANAL

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR026.013 / 13545 Yr Built/Renovated : 2001 /

Linear Ft : 665 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 12-Jan-2012 Landmark Status : NONE

Areas Surveyed :

Block : 662 Lot : 200 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$34,100	\$2,300		
Total	\$34,100	\$2,300		
Priority A				
Priority B	\$34,100	\$2,300		
Total	\$34,100	\$2,300		



DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL SHEET PILE/GRAVITY WALL BULKHEAD

Bulkheads	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Gravity Wall						
Concrete	10%	LIFE	* *	5	\$300	A
	Spalling, Extent : Moderate, Location : Isolated	Area Affected : 15%				
Stone	20%	LIFE	* *	5	\$11,300	A
	Displaced Elements, Extent : Location : Isolated Throug		d : 10%			
Not Accessible	70%					D
Sheet Piles						
Composite, 5' Water	70%	LIFE	* *			A
No Component	30%					D
Backfill Fill						
Not Accessible	100%					D
Surface						
Concrete	60%	2032	* *	5	\$4,600	В
	Cracking, Extent : Light, Are	a Affected : 5%				
	Location : Isolated Station	0+00 To 4+80 From	n North			
Concrete	15% Now	\$34,100 2038	* *	5	\$600	В
	Broken, Extent : Moderate, A Location : Station 6+50	Area Affected : 50%				
Not Accessible	25%					D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : STEEL BULKHEAD
Address : BET RIVER CAFE AND

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0044.000 / 13957 Yr Built/Renovated :

Linear Ft : 152 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 03-Nov-2010 Landmark Status : NONE

Areas Surveyed :

Block : 25 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$123,500	\$137,900
Total	\$123,500	\$137,900
Priority A	\$123,500	
Priority B		\$137,900
Total	\$123,500	\$137,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$100			
Total	\$100			
Priority A				
Priority B	\$100			
Total	\$100			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 STEEL BULKHEAD

Bulkheads	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Piles and Bracing						
Steel	60% 4+	\$80,600 LIFE	* *	5	\$14,100	A
	Corrosion, Extent : Moderat	e, Area Affected : 40	0%			
	Location : Splash Zone					
No Component	40%					D
Sheet Piles						
Steel	50% 4+	\$42,900 LIFE	* *			A
	Corrosion, Extent : Moderat)%			
	Location : Splash And Tide					
Steel	45%	LIFE	* *			Α
	Corrosion, Extent : Light, Ar					
	Location : Splash Zone Soi	th Of Station 0+90,	East Wall			
Not Accessible	5%					D
Pile Caps						
Concrete	40%	LIFE	* *	5	\$200	Α
	Cracking, Extent : Light, Are Location : Throughout	ea Affected : 100%				
No Component	60%					D
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Gravel	40%	2035	* *	2-5	\$200	В
Stone	10%	2031	* *	10		В
Topsoil	20%	2021	\$1,600	5	\$100	В
Not Accessible	30%					D
Deck Elements						
Railing						
Steel	100%	2020	\$137,900			В
	Other Observation, Extent:		: 10%			
	Location: Throughout Sou					
	Explanation : Coat Loss A	id Corrosion				

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : STEEL SHEET PILE BULKHEAD WITH CONCRETE SEAWALL

Address : AT FOOT OF SOUTH 8TH STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0040.000 / 13953 Yr Built/Renovated :

Linear Ft : 58 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 10-Nov-2010 Landmark Status : NONE

Areas Surveyed :

Block : 2134 Lot : 156 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$6,200			\$800
Total	\$6,200			\$800
Priority B	\$5,200			\$800
Priority C	\$900			
Total	\$6,200			\$800



DEPT. OF SMALL BUSINESS SERV. - 801 STEEL SHEET PILE BULKHEAD WITH CONCRETE SEAWALL

Bulkheads	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Facing							
Concrete	55%		LIFE	* *			C
	Other Observation, Ext	tent : Light, Area	Affected	: 65%			
	Location : Tidal Zone	?					
	Explanation: Erosion	n					
Concrete	15% 2-4	\$900	LIFE	* *			С
	Other Observation, Ext	tent : Moderate, A	rea Affe	cted : 100%			
	Location : Throughou	ıt					
	Explanation : Open S	palling					
Not Accessible	30%						D
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Concrete	100%		2031	* *	5	\$700	В
	Cracking, Extent : Ligh	nt, Area Affected .	2%				
	Location: Radiating	From Face Of No	w Slab				
Fender							
Wales and Chocks							
Timber	50%		2031	* *	4	\$1,600	В
Timber	50% Now	\$4,900	2037	* *	4	\$1,600	В
	Broken, Extent : Moder	rate, Area Affecte	d : 50%				
	Location : Throughou	ıt					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - FY 2015 Print Date: 09-Sep-2014

Asset Name : STEEL SHEET PILE BULKHEAD / WALLABOUT CHANNEL

Address : BET. S8 & S9 STREETS

Borough : BROOKLYN Agency's Number : N/A Program / Asset # : DBS0041.000 / 13954 Yr Built/Renovated

: 240 Linear Ft **Project Type** : ECONOMIC DEVELOPMENT

Date of Survey : 10-Nov-2010 **Landmark Status** : NONE

Areas Surveyed

Block : 2134 BIN Lot 148

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$554,300	
Total	\$554,300	
Priority A	\$460,900	
Priority B	\$93,500	
Total	\$554,300	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$9,400		\$3,300	
Total	\$9,400		\$3,300	
Priority B	\$400		\$3,300	
Priority C	\$9,000			
Total	\$9,400		\$3,300	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 STEEL SHEET PILE BULKHEAD / WALLABOUT CHANNEL

Bulkheads	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
Structural				
Coping/Curb	7 00/ N	X XXXX	#	
Timber	70% Now \$9,000 Rotting/Splitting, Extent : Severe, Area Location : Throughout	LIFE ** Affected: 100%	5 \$100	С
No Component	30%			D
Sheet Piles				
Steel	40% 4+ \$54,200 Corrosion, Extent : Moderate, Area Af Location : Throughout	LIFE ** fected : 50%		A
Steel	30% 2-4 \$406,700 Corrosion, Extent: Severe, Area Affect Location: At Tops Of Sheets And In			A
Not Accessible	30%			D
Backfill	2070			
Surface				
Concrete	30% Cracking, Extent : Moderate, Area Affo Location : Cracking And Settlement	2031 ** ected : 10%	5 \$800	В
Not Accessible	70%			D
Fender				
Piles				
Timber	50% Now \$21,400 Other Observation, Extent: Severe, An Location: Throughout Explanation: Rot	2037 ** rea Affected : 50%	4 \$2,900	В
Timber	50% 0-2 \$21,400 Other Observation, Extent: Severe, An Location: Throughout Explanation: Rot	2037 * * rea Affected : 50%	4 \$2,900	В
Wales and Chocks	-			
Timber	50% Rotting/Splitting, Extent : Severe, Area Location : Throughout	2018 \$50,600 Affected: 100%	4 \$6,500	В
Not Accessible	50%			D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : STEEL SHEETPILE BULKHEAD

Address : W 220TH ST. NORTH TO 9TH AVE EXTENSION. ALONG HARLEM RIVER

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DBSR054.000 \, / \, 13792 \qquad \qquad Yr \, Built / Renovated \quad : \, \,$

Linear Ft : 250 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 19-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2197 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$1,198,500	
Total	\$1,198,500	
Priority A	\$1,127,100	
Priority B	\$71,400	
Total	\$1,198,500	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$85,000			
Total	\$85,000			
Priority A	\$25,200			
Priority B	\$59,800			
Total	\$85,000			



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 STEEL SHEETPILE BULKHEAD

System Component Total Wears) Structural Gravity Wall Timber Crib w/Stone 20% Now \$138,700 LIFE ** 4 \$1 Other Observation, Extent: Severe, Area Affected: 100% Location: Station 2+10 To 2+50 From North Explanation: Collapsed/ Failed No Component Piles and Bracing	1,500	Priority Code
Gravity Wall Timber Crib w/Stone 20% Now \$138,700 LIFE ** 4 \$1 Other Observation, Extent: Severe, Area Affected: 100% Location: Station 2+10 To 2+50 From North Explanation: Collapsed/Failed No Component 80%	,500	A
Timber Crib w/Stone 20% Now \$138,700 LIFE ** 4 \$1 Other Observation, Extent: Severe, Area Affected: 100% Location: Station 2+10 To 2+50 From North Explanation: Collapsed/Failed No Component 80%	,500	A
Other Observation, Extent: Severe, Area Affected: 100% Location: Station 2+10 To 2+50 From North Explanation: Collapsed/ Failed No Component 80%	,500	A
Location: Station 2+10 To 2+50 From North Explanation: Collapsed/Failed No Component 80%		
No Component Explanation : Collapsed/ Failed 80%		
No Component 80%		
1		
Vilag and Regains		D
	¢400	A
Steel 1% 4+ \$2,200 LIFE ** 5 S ** Corrosion, Extent: Light, Area Affected: 10%	\$400	Α
Location: Single Pipe Pile At South End Of Asset		
No Component 99%		D
Sheet Piles		<u> </u>
Steel 70% Now \$988,400 LIFE **		Α
Other Observation, Extent : Severe, Area Affected : 30%		11
Location : Throughout At Waterline		
Explanation: Dent, Holes		
No Component 20%		D
Not Accessible 10%		D
Pile Caps		
	1,600	Α
Broken, Extent : Severe, Area Affected : 100%		
Location: Throughout		
No Component 20%		D
Backfill		
Fill 70% Nov. \$25,700 2064 **		D
Topsoil 70% Now \$35,700 2064 ** Sinkhole, Extent: Severe, Area Affected: 100%		В
Location : Inshore Of Sheet Pile Bulkhead		
Other Observation, Extent : Severe, Area Affected : 100%		
Location : Inshore Of Sheet Pile Bulkhead		
Explanation : Significant Fill Loss		
Not Accessible 30%		D

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 STEEL SHEETPILE BULKHEAD

Bulkheads	Current Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill						
Surface						
Concrete	20% Now \$17,100	2039	* *	5	\$300	В
	Erosion, Extent : Severe, Area Affected					
	Location: Station 2+10 To 2+50 Insh					
	Other Observation, Extent : Severe, Are					
	Location: Station 2+10 To 2+50 Insh	ore Of Cri	ib			
	Explanation: Loss Of Structural Supp	ort				
Gravel	10%	2039	* *	2-5	\$100	В
	Erosion, Extent : Moderate, Area Affect	ed : 15%				
	Location: Filter Fabric Exposed Und	er Gravel S	Surface			
Topsoil	70% Now \$8,900	2024	\$8,900	5	\$400	В
- *F ****	Settlement, Extent : Severe, Area Affecte		1 - 7			
	Location : Inshore Of Sheet Pile Bulkh	nead				
	Other Observation, Extent : Severe, Are	a Affected	: 100%			
	Location : Inshore Of Sheet Piles Stat	ion 0+00 T	To 2+10 (From N	Vorth)		
	Explanation : Sinkholes/ Fill Loss					
Fender						
Piles						
Timber	80% Now \$35,700	2039	* *	4	\$4,800	В
	Broken, Extent : Severe, Area Affected :	100%				
	Location : Along Sheet Pile Bulkhead					
	Rotting/Splitting, Extent : Severe, Area	Affected : 1	100%			
	Location: Throughout Station 0+00 T	o 2+10 At	Sheet Pile Bulkh	ead		
No Component	20%					D
Wales and Chocks						
Timber	80% Now \$33,700	2039	* *	4	\$10,900	В
	Broken, Extent : Severe, Area Affected :	100%			•	
	Location : Throughout					
No Component	20%					D
1						

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : TIMBER BULKHEAD PAERDERGAT BASIN

Address : PAERDERGAT AVE.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR034.000 / 13480 Yr Built/Renovated :

Linear Ft : 862 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 20-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 8012 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$1,813,900	
Total	\$1,813,900	
Priority A	\$1,658,000	
Priority B	\$155,800	
Total	\$1,813,900	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$49,200	\$3,400	\$300	\$6,900
Total	\$49,200	\$3,400	\$300	\$6,900
Priority A		\$3,200		
Priority B	\$26,000	\$100	\$300	\$6,900
Priority C	\$23,200			
Total	\$49,200	\$3,400	\$300	\$6,900



^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 TIMBER BULKHEAD PAERDERGAT BASIN

Asset #: 13480

ulkheads	Current Repair	Future Replacement	Maintenance	
vstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
ructural				
Piles and Bracing				
Timber	5%	2033 **	4 \$9,700	A
Timber	85% Now \$818,900	2039 **	4 \$109,700	Α
	Other Observation, Extent: Severe, Are	ea Affected : 100%		
	Location : Throughout Explanation : Failed And/ Or Severe I	Datamia nation		
N. C.		Deterioration		
No Component	7%			D
Not Accessible	3%			D
Revetment	20/ N	1100 **		C
Concrete	3% Now \$16,500	LIEE		C
	Other Observation, Extent : Severe, Are Location : Between Sta. 0+21 And 0+			
	Explanation : Minimal To No Shorelin	·		
Comments				<u> </u>
Concrete	4% 4+ \$6,600	LITE		С
	Other Observation, Extent : Moderate, Location : Along Top Of Revetment F		10+01 To 1+70	
	Explanation: Non-engineered Slope;		a 0+91 10 1+70	
N. C		пишечише 1 голесион		
No Component	93%			D
Sheet Piles	50/	TIEE **	4 \$000	A
Timber Timber	5% 20% 0-2 \$188,100	LIFE **	4 \$800 4 \$3,200	A
Tilliber	Rotting/Splitting, Extent: Severe, Area	LIFE	4 \$5,200	A
	Location: Typical Throughout	Пурестей . 100/0		
	Other Observation, Extent: Severe, Are	og Affected : 100%		
	Location: Typical Throughout	a nyeciea . 10070		
	Explanation: Severely Deteriorated /	Failed Above Lower Wale		
Timber	60% Now \$564,300	LIFE **	4 \$9,700	A
Timoci	Other Observation, Extent: Severe, Are		4 \$9,700	Λ
	Location: Throughout	a nyceica . 10070		
	Explanation : Collapsed/ Failed Abov	ve Mlw		
No Component	7%	0 111111		D
Not Accessible	8%			D
Wales	070			ъ
Timber	5%	LIFE **	4 \$600	A
Timber	40% 0-2 \$49,600	LIFE **	4 \$5,200	A
1111041	Rotting/Splitting, Extent : Severe, Area		. 40,200	
	Location: Typical Throughout Lower	==		
Timber	30% Now \$37,200	LIFE **	4 \$3,900	A
Innoci	Other Observation, Extent : Severe, Are	LIIL	τ ψυ,,900	Л
	Location : At Seaview Avenue And Iso	==		
	Explanation : Collapsed			
No Component	7%			D
Not Accessible	18%			D
Not Accessible	10/0			ט

Backfill

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.

DEPT. OF SMALL BUSINESS SERV. - 801 TIMBER BULKHEAD PAERDERGAT BASIN

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill								
Fill								
Sand	65%	Now	\$119,900	2054	* *	5	\$500	В
		ervation, E : Through	Extent : Severe, Are out	a Affecte	d : 100%			
	Explanat	ion : Erosi	on And Fill Loss					
Stone	10%	Now	\$22,200	LIFE	* *	5	\$100	В
	Other Obs	ervation, E	Extent : Severe, Are	a Affecte	d: 100%			
	Location	: Between	Sta 1+70 And Sta	4+25				
	Explanat	ion : Large	e Concrete Block P	laced As	Revetment/Backfi	111		
Not Accessible	25%							D
Surface								
Concrete	2%			2037	* *	5	\$200	В
Concrete	1%	Now	\$3,000	2039	* *	5		В
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location	: Under C	oncrete Slab At Sta	a 6+50 (From West)			
	Explanat	ion : Unde	rmined Slab					
Gravel	15%			2033	* *	2-5	\$400	В
Sand	65%	Now	\$36,000	2039	* *	2-5	\$1,100	В
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location	: Mid- Ass	ret					
	Explanat	ion : Com	olete Loss Of Backf	ill				
Topsoil	15%			2019	\$6,600	5	\$600	В
Topsoil	2%	Now	\$900	2024	\$900	5		В
•	Erosion, Extent : Severe, Area Affected : 50%							
	Location	: Loss Of	Soil At Isolated Set	tlement/	Sinkhole Location:	S		
		, Extent : S : Through	evere, Area Affecte	ed: 50%				

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : TIMBER BULKHEAD YANKEE SKIPPER

Address : FLATBUSH AVE. MILL BASIN

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR026.066 / 20 Yr Built/Renovated :

Linear Ft : 120 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 21-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 8591 Lot : 125 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$190,100	
Total	\$190,100	
Priority A	\$190,100	
Total	\$190,100	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$17,400		\$500	
Total	\$17,400		\$500	
Priority A	\$17,200		\$400	
Priority B	\$100			
Total	\$17,400		\$500	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 TIMBER BULKHEAD YANKEE SKIPPER

Bulkheads	Curre	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail D Total (Yea	eate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Piles and Bracing							
Timber	70% 4+	\$46,900	2038	* *	4	\$12,600	A
	0.0	Extent: Moderate, Ar	ea Affect	ed : 40%			
		ughout Bulkhead					
Timber	25% 0-2	+,	2038	* *	4	\$4,500	A
	0.0	Extent: Severe, Area		50%			
	Location : Isolo	ited Throughout Bulkh	ead				
Timber	5%		2038	* *	4	\$900	A
	Recent Replace I	Evident, Extent : Light,	Area Affe	ected : 100%			
	Location : Near	South End Of Bulkhed	ad				
Sheet Piles							
Timber, 10' Water	60% 4+	\$126,400	LIFE	* *	4	\$1,400	A
		ght, Area Affected : 10	00%				
	Location: Abor	ve Mlw Elevation					
Timber, 10' Water	40%		LIFE	* *	4	\$900	A
	Recent Replace I	Evident, Extent : Light,	Area Affe	ected : 100%			
	Location: Abov	ve Mhw Elevation					
Wales							
Timber	75% 4+	\$12,900	LIFE	* *	4	\$1,300	A
		Extent: Light, Area A	ffected : .	50%			
	Location: Thro	ughout					
Timber	25% 0-2	\$4,300	LIFE	* *	4	\$500	A
	Rotting/Splitting,	Extent: Severe, Area	Affected .	50%			
	Location: Low	er Wale					
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Gravel	40%		2032	* *	2-5	\$100	В
Topsoil	40%		2021	\$2,500	5	\$200	В
Not Accessible	20%						D

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : TIMBER SHEETPILE/RIPRAP BULKHEAD

Address : NO. SIDE OF 9TH AVE TO BWAY BRDG NO OF STEELPILE - HARLEM RIVER

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DBSR053.000 / 13791 Yr Built/Renovated :

Linear Ft : 531 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 16-Jun-2011 Landmark Status : NONE

Areas Surveyed :

Block : 2215 Lot : 997 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$1,592,000	
Total	\$1,592,000	
Priority A Priority B	\$1,483,700 \$108,400	
Total	\$1,592,000	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$27,100			
Total	\$27,100			
Priority A				
Priority B	\$27,100			
Total	\$27,100			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 TIMBER SHEETPILE/RIPRAP BULKHEAD

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Piles and Bracing								
Timber	100%	Now	\$1,483,700	2037	* *	4	\$79,500	A
	Broken, E.	xtent : Seve	re, Area Affected :	100%				
	Location	: Through	out					
Backfill								
Fill								
Topsoil	100%	Now	\$108,400	2062	* *			В
-	Erosion, E	Extent : Sev	ere, Area Affected :	100%				
	Location	: Through	out					
Surface								
Topsoil	100%	Now	\$27,100	2022	\$27,100	5	\$1,200	В
	Erosion, E	Extent : Sev	ere, Area Affected :	100%				
	Location	: Through	out					

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : WET BERTH 2 BULKHEAD

Address : FORMERLY DRY DOCK 2 BROOKLYN NAVY YARD

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR045.120 / 13533 Yr Built/Renovated :

Linear Ft : 1,106 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 17-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$228,100	\$1,003,600
Total	\$228,100	\$1,003,600
Priority A	\$228,100	
Priority B		\$1,003,600
Total	\$228,100	\$1,003,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$31,400			
Total	\$31,400			
Priority A				
Priority B	\$31,400			
Total	\$31,400			



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 WET BERTH 2 BULKHEAD

Asset #: 13533

Bulkheads	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
Structural				
Gravity Wall	7 0/ 4 4 70.000	T TENE	# # 000	À
Conc w/Stone Face	5% 4+ \$58,900 Displaced Elements, Extent : Severe, Ar Location : 1090 Ft From Asset 13532		5 \$5,000	A
	Erosion, Extent : Moderate, Area Affect Location : In Tidal Zone	ed : 25%		
	Missing Block Seal, Extent : Moderate, . Location : Throughout			
	Spalling, Extent: Moderate, Area Affect Location: Isolated Throughout Concr			
Concrete	10% 4+ \$169,200 Cracking, Extent : Moderate, Area Affect Location : Throughout Above Mlw		5 \$400	A
	Spalling, Extent: Moderate, Area Affect Location: At Top Of Wall 261 ft,365 ft To 810 ft From Asset 13532 Other Observation, Extent: Moderate, A	To 382 ft,398 ft To 429 ft,462	ft To465 ft, And 803 f	
	Location : Throughout Above Mlw Explanation : Efflorescence			
Concrete	10% Cracking, Extent : Light, Area Affected Location : Cracking With Efflorescence		5 \$400	A
Not Accessible	75%	0		D
Backfill Fill				
Not Accessible	100%			D
Surface				
Asphalt	93% 4+ \$17,600 Cracking, Extent : Severe, Area Affected Location : Multiple Large Cracks Thre		5 \$5,900	В
Concrete	5% 4+ \$3,800 Cracking, Extent: Light, Area Affected Location: Adjacent To Asset 13532	2033 **	5 \$300	В
	Spalling, Extent : Moderate, Area Affect Location : Adjacent To Asset 13532	red : 10%		
Not Accessible	2% Other Observation, Extent : Light, Area Location : Under Pipe Rack Explanation : Concrete Catch Basin	Affected : 0%		D
Deck Elements				
Railing	0.00-1			_
Steel	90%	2022 \$903,200		В
Steel	10% Now \$10,000 Loose Connections, Extent: Severe, Are Location: Broken Railing Connection Asset 13532		And 565 ft To575 ft From	В

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - FY 2015 Print Date: 09-Sep-2014

Asset Name : WET BERTH 3 BULKHEAD

Address : FORMERLY DRY DOCK 3 BROOKLYN NAVY YARD

Borough Agency's Number : BROOKLYN : N/A Program / Asset # : DBSR045.100 / 13531 Yr Built/Renovated

Linear Ft : 1,700 **Project Type** : ECONOMIC DEVELOPMENT

Date of Survey : 14-Dec-2012 **Landmark Status** : NONE

Areas Surveyed

Block : 2023 BIN Lot

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$1,690,900	
Total	\$1,690,900	
Priority A	\$104,000	
Priority B	\$1,542,600	
Priority C	\$44,200	
Total	\$1,690,900	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$48,300	\$11,100	\$8,700	\$4,500
Total	\$48,300	\$11,100	\$8,700	\$4,500
Priority A				
Priority B Priority C	\$48,300	\$11,100	\$8,700	\$4,500
Total	\$48,300	\$11,100	\$8,700	\$4,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 WET BERTH 3 BULKHEAD

Asset #: 13531

System Component								
Туре	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural								
Coping/Curb		***			_	4.00	~	
Concrete	20% Now Broken, Extent : Seven Location : Througho		LIFE 100%	**	5	\$300	С	
Concrete	78% Cracking, Extent : Lig Location : Througho		LIFE · 20%	* *	5	\$1,200	С	
No Component	2%						D	
Gravity Wall	··							
Concrete	1% Now Other Observation, E. Location : 682 Ft To Explanation : Broke	727 Ft From Ber	th 7 Alon		5	\$100	A	
Concrete	20% Cracking, Extent: Lig Location: Througho Spalling, Extent: Ligh Location: Isolated T	out nt, Area Affected :		* *	5	\$1,400	A	
Concrete	4% 4+	\$52,000	LIFE	* *	5	\$300	A	
	Cracking, Extent: Mo Location: Isolated T Spalling, Extent: Mod Location: Isolated T	Throughout lerate, Area Affect						
Not Accessible	75% Other Observation, E. Location : Explanation : Under	xtent : Light, Area					D	
Backfill								
Fill								
Not Accessible	100%						D	
Surface Concrete	5% 4+ Spalling, Extent : Mod Location : Throughd		2033 sed : 50%	**	5	\$500	В	
Concrete	90% Cracking, Extent : Lig Location : Througho Settlement, Extent : Li	put		**	5	\$17,500	В	
	Location: Throughout	out						
Not Accessible	5% Other Observation, E. Location :	xtent : Light, Area	Affected	: 0%			D	

Fender

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.

DEPT. OF SMALL BUSINESS SERV. - 801 WET BERTH 3 BULKHEAD

Bulkheads	Current Repair	Future Repla	cement	Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estim		Cycle Estimated Cost (Yrs)	Priority Code
Fender					
Buffer					
Rubber	70%	2027	* *	4-5 \$31,200	В
	Other Observation, Extent : Mod	lerate, Area Affected : 1	00%		
	Location : North And South We	alls			
	Explanation : Insufficient Fend	lering (Rubber Tires)			
No Component	30%				D
Deck Elements					
Railing					
Steel	100% Now \$30),900 2017 \$1	,542,600		В
	Other Observation, Extent : Mod	lerate, Area Affected : 1	00%		
	Location : All Around Berth				
	Explanation: Railing Not Requ	uired At Wet Berth (Dry	Dock De-act	tivated)	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : WHARF AND SEAWALL E. 32ND TO E. 34TH STS.

Address : E. RIVER, 32ND TO 34TH STS. SS HELIPORT TO NS OF PARKING LOT

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DBSR025.063 \, / \, 4084 \qquad \qquad Yr \, Built / Renovated \quad : \, \,$

Linear Ft : 512 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 07-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 962 Lot : 999 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$33,000	\$2,900		
Total	\$33,000	\$2,900		
Priority A	\$31,500			
Priority B	\$1,500	\$2,900		
Total	\$33,000	\$2,900		



^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 WHARF AND SEAWALL E. 32ND TO E. 34TH STS.

Bulkheads	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Relieving Platform Top	20/ 4.	¢2.000	LIEE	* *			
Concrete/Stone	2% 4+ Broken, Extent : Severe	\$2,000 • Area Affected ·	LIFE	* *			Α
	Location : At Top Of						
	Exposed Reinforcemen Location : At Station	t, Extent : Moder		Affected: 10%			
	Spalling, Extent: Mode	erate, Area Affect	ed : 25%				
	Location : At Station	3+85					
Concrete/Stone	38%		LIFE	* *			A
	Cracking, Extent : Light Location : Throughou		: 10%				
	Erosion, Extent : Light		10%				
	Location : Throughou	ıt					
Not Accessible	60%						D
Piles and Bracing							_
Not Accessible	100%						D
Pile Caps Timber	5% Now Rotting/Splitting, Exter	\$29,500 nt : Severe, Area	LIFE Affected :	**	4	\$200	A
	Location: Along Bull	khead Face Throi	ughout				
Not Accessible	95%						D
Backfill							
Fill	400-1						_
Not Accessible	100%						D
Surface Asphalt	2% 2-4	\$900	2038	* *	5	\$100	В
Aspilait	Settlement, Extent : Mo				3	\$100	Б
	Location : At Station			, ,			
Asphalt	98%		2032	* *	5	\$5,700	В
Tiophini	Cracking, Extent : Ligh Location : Throughou				3	φ2,700	D
	Settlement, Extent : Lig Location : Throughor	ght, Area Affected	!: 10%				
Fender Piles							
Timber	10%		2032	* *	4	\$1,800	В
No Component	80%						D
Not Accessible	10%						D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : WILLIAMSBURG YACHT CLUB SHORELINE & TIMBER BULKHEAD

Address : 119-08 29TH AVENUE COLLEGE POINT

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DBSR037.010 / 13483 Yr Built/Renovated :

Linear Ft : 205 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 28-Feb-2012 Landmark Status : NONE

Areas Surveyed :

Block : 4346 Lot : 200 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$493,600	
Total	\$493,600	
Priority A	\$493,600	
Total	\$493,600	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$21,300	\$100		
Total	\$21,300	\$100		
Priority A	\$3,100			
Priority B	\$9,700	\$100		
Priority C	\$8,600			
Total	\$21,300	\$100		



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 WILLIAMSBURG YACHT CLUB SHORELINE & TIMBER BULKHEAD

Bulkheads		Current l	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Gravity Wall								
Concrete	50%			LIFE	* *	5	\$400	Α
Timber Crib w/Stone	40%	Now	\$379,000	LIFE	* *	4	\$2,400	A
			ere, Area Affected : agth Of Crib Wall Is		, Missing Timbers	, And Lo	sing Fill	
No Component	10%							D
Piles and Bracing								
Timber	20%			2032	* *	4	\$9,200	A
			Extent: Moderate,					
	Location	: Through	out, Due To Moven	nent Of E	Backfill Material			
Timber	20%	2-4	\$114,600	2038	* *	4	\$6,100	A
	Displaced I	Elements,	Extent: Moderate,	Area Aff	fected : 50%			
	Location	: Through	out, Due To Mover	nent Of E	Backfill Material			
	Rotting/Spl	itting, Ext	tent : Moderate, Ar	ea Affect	ed : 50%			
	Location .	: Through	nout					
No Component	60%							D
Revetment								
Stone	50%			LIFE	* *	5	\$600	C
Stone	10%	Now	\$8,600	LIFE	* *	5	\$100	C
	_		: Moderate, Area A Of Gravity Wall	Affected :	50%			
No Component	40%							D
Backfill								
Fill								
Stone	15%	Now	\$7,900	LIFE	* *	5		В
	Other Obse	rvation, E	Extent : Severe, Are	a Affecte	d : 100%			
	Location .	: Through	out					
	Explanati	on : Visib	le Through Missing	g Sheet P	iles			
Not Accessible	85%							D
Surface								
Concrete	5%			2036	* *	5	\$100	В
Gravel	5%	Now	\$800	2038	* *	2-5		В
			Severe, Area Affecte		ó			
	Location							
Gravel	10%	2-4	\$800	2032	* *	2-5		В
224.02			Moderate, Area Affe		0%			-
	Location							
Gravel	35%			2032	* *	2-5	\$200	В
Not Accessible	45%			2032		23	Ψ200	D
NOT ACCESSIBLE	4370							ע

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : BROOKLYN ARMY TERMINAL PIER 4 FERRY LANDING

Address : 58TH STREET AND 1ST AVENUE SUNSET PARK

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DSB0055,000 / 14199 Yr Built/Renovated :

Area Sq Ft : 4,300 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 17-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : 5778 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$1,900	\$7,100	\$100	\$2,900
Total	\$1,900	\$7,100	\$100	\$2,900
Priority A		\$6,900		\$100
Priority B	\$1,900	\$100	\$100	\$2,900
Total	\$1.900	\$7,100	\$100	\$2,900



^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 BROOKLYN ARMY TERMINAL PIER 4 FERRY LANDING

Asset #: 14199

Marinas/Docks	Current Repair	Future Replacement	: M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co FY	st Cycle (Yrs)	Estimated Cost	Priority Code
Access Walkways			•		•
Gangways					_
Aluminum	100% 0-2 \$1,900 Cracked Welds, Extent: Severe, Area A Location: Top Of Barge-side Gangwo Roller Malfunction, Extent: Severe, Are Location: Barge-side Of Two Part Go Other Observation, Extent: Severe, Are Location: Shore-side Of Gangway	ffected : 25% ay ea Affected : 50% angway (Barge-side And ea Affected : 100%			В
Zi. da Dada	Explanation: Note That Gangway Is I	Roped Off And Ferry Lan	ding Access	s Is Restricted	
Floating Docks					
Anchor Piles Steel	49% Corrosion, Extent: Light, Area Affected Location: In Areas Of Missing Coatin Missing Coating, Extent: Light, Area A Location: Above Mean Low Water A	1 : 10% ng ffected : 50%	* 3-5	\$2,200	A
Steel	1% Now Other Observation, Extent: Severe, Are Location: On One Of Two Piles Explanation: Pile Guide Rub Pads W	ea Affected : 100%	* 3-5		A
Not Accessible	50%				D
Fenders	100%	2022	1.2		С
Rubber	Worn, Extent : Light, Area Affected : 50 Location : Throughout	2023	1-2		C
Barge					
Steel	60% Corrosion, Extent: Light, Area Affected Location: On Barge Deck Missing Coating, Extent: Light, Area A Location: Along Pile Guides And On Waterlogged/Damaged Floatation, Extended Location: Barge Listing To Northwes	1 : 5% ffected : 50% Hull Above Waterline ent : Moderate, Area Affe	* 5 ected: 100%	\$12,500 6	A
Not Accessible	40%				D
Fender Facing					
Timber	90% Other Observation, Extent : Light, Area Location : East Of Barge Along Pier 4		00		A
	Explanation: Pier Protective Structur				

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.

DEPT. OF SMALL BUSINESS SERV. - 801 BROOKLYN ARMY TERMINAL PIER 4 FERRY LANDING

Marinas/Docks	Current Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender						
Piles						
Timber	60%	2028	* *			A
	Other Observation, Extent : 1	Light, Area Affected	: 100%			
	Location : At East Of Barge	e Along Pier 4				
	Explanation : Pier Protecti	ve Structure				
Not Accessible	40%					D
Wales and Chocks						
Timber	100%	2028	* *			A
	Other Observation, Extent : I	Light, Area Affected	: 100%			
	Location: At East End Of I	Barge Along Pier 4				
	Explanation : Pier Protecti	ve Structure				

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : FULTON FERRY LANDING

Address : NORTHSIDE - FULTON LANDING PIER @EAST RIVER

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DSB0054.000 / 14197 Yr Built/Renovated : 2003 /

Area Sq Ft : 802 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 17-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 199 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks		\$70,800
Total		\$70,800
Priority A		\$70,800
Total		\$70,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$1,400	\$1,500	\$2,000	\$400
Total	\$1,400	\$1,500	\$2,000	\$400
Priority A			\$1,700	
Priority B	\$100	\$1,200	\$100	\$100
Priority C	\$1,400	\$300	\$300	\$300
Total	\$1,400	\$1,500	\$2,000	\$400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 FULTON FERRY LANDING

Marinas/Docks		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
Access Walkways								•
Gangways								
Aluminum	100%			2044	* *	1-3	\$4,000	В
Floating Docks								
Anchor Piles								
Steel	35%			2044	* *	3-5		A
Not Accessible	65%							D
Fenders								
Rubber	68%			2023	\$2,600	1-2	\$2,000	C
Rubber	30%	2-4	\$1,100	2024	\$1,100	1-2	\$800	C
		ent : Moder : Berthing	ate, Area Affected Face	: 100%				
Rubber	2%	Now	\$100	2024	\$100	1-2	\$100	С
			re, Area Affected : ^T ender At Northwes		r Pile			
Barge								
Steel	60%			2033	* *	5	\$3,400	A
			ight, Area Affected ne Waterline	: 20%				
		oating, Exte : Above W	ent : Light, Area A <u>j</u> aterline	fected :	5%			
Not Accessible	40%							D
Deck Elements								
Railing								
Steel	100%			2023	\$70,800			A

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : GOVENORS ISLAND FERRY SLIPS 6&7

Address : SOUTH STREET BATTERY MARITIME BUILDING

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DOT0191.000 \, / \, 13890 \qquad \qquad Yr \, Built/Renovated \quad : \, \\$

Area Sq Ft : 1,000 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 13-May-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks		\$6,861,300
Total		\$6,861,300
Priority A		\$6,861,300
Total		\$6,861,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$500			
Total	\$500			
Priority A	\$500			
Total	\$500			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 GOVENORS ISLAND FERRY SLIPS 6&7

Marinas/Docks	Current Repair	Future	Replacement	Maintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year I FY	Estimated Cost	Cycle Estimated (Yrs)	Cost Priority Code
Access Walkways					
Deck					
Concrete	35%	2031	* *	5	A
	Cracking, Extent: Light, Area Affe				
	Location: Throughout Slips 6 &				
	Spalling, Extent: Light, Area Affect				
	Location: Throughout Slips 6 &				
Timber	15%	2020		5	A
Not Accessible	50%				D
Piles and Bracing					
Timber	20%	2042	* *	4-5	A
	Other Observation, Extent : Light,	Area Affected :	100%		
	Location : Throughout				
	Explanation : Pile Encasement R	epairs			
Not Accessible	80%				D
Fender					
Facing					
Composite	99%	2021	\$1,542,600		A
Composite		300 2021	\$15,600		A
	Other Observation, Extent: Light,		100%		
	Location: One Board Loose At S	-			
=	Explanation: Missing Connectio	n			
Piles	5 00/	2022	Φ 0.1.1.000		
Timber	50%	2023	\$5,011,900		Α
	Other Observation, Extent: Light,			71	
	Location: Throughout Fender Re	acks At Sups o c	x / Above Miw E	мечаноп	
	Explanation: Weathering				
Not Accessible	50%				D
Gallows Frames					
Tower Frames	700/	2021	* *		
Steel	70%	2031			Α
	Other Observation, Extent: Light,				
	Location: Isolated Throughout T	-	σα/		
	Explanation: Coating Loss And	Corrosion			
Not Accessible	30%				D
Movable Ramps					
Bearings	200/	2021	* *		
Timber	20%	2031	* *		A
Not Accessible	80%				D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 GOVENORS ISLAND FERRY SLIPS 6&7

Marinas/Docks	Current Repair	Futu	re Replacement	Maintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Movable Ramps					
Deck and Railing					
Steel	14%	2025	\$92,600		A
	Other Observation, Extent : Li Location : Slip 7	ight, Area Affected	l : 5%		
	Explanation: Corrosion				
Timber	25%	2031	* *		A
	Other Observation, Extent : Li Location : Isolated At Top O Explanation : Wear				
Timber	1% Now	\$200 2025	\$7,600		A
	Other Observation, Extent : Se Location : Slip 7 Explanation : Displaced Cov		ed : 100%		
Timber Deck on Steel	25%	2025	\$191,100		A
	Other Observation, Extent: Li Location: Throughout Steel Explanation: Corrosion				
Not Accessible	35%				D

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : MARINA @ BERTHS 11 & 12

Address : NORTHWEST SIDE OF HAMMERHEAD AVE BROOKLYN NAVY YARD

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBSR045.060A / 14726 Yr Built/Renovated :

Area Sq Ft : 150 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 22-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks		\$143,600
Total		\$143,600
Priority A		\$143,600
Total		\$143,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$100	\$10,600	\$100	\$6,800
Total	\$100	\$10,600	\$100	\$6,800
Priority A		\$8,800		\$6,800
Priority B	\$100	\$1,700	\$100	\$100
Total	\$100	\$10,600	\$100	\$6,800



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 MARINA @ BERTHS 11 & 12

Asset #: 14726

Marinas/Docks	Current Rep	air Futur	Future Replacement Maintenance		aintenance		
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Access Walkways							
Deck							
Steel	100%	2050	* *			A	
Gangways							
Aluminum	100%	2050	* *	1-3	\$5,600	В	
Piles and Bracing							
Steel	30%	2050	* *	5-10	\$200	Α	
Not Accessible	70%					D	
Floating Docks							
Anchor Piles							
Steel	60%	2050	* *	3-5	\$27,700	Α	
	Worn, Extent : Light, Are	**					
	Location : Isolated Thr	=	. ===./				
	Other Observation, Exte		d: 75%				
	Location : Top Of Piles						
	Explanation: Missing	Pilecap Tops					
Not Accessible	40%					D	
Deck							
Concrete	50%	2037	* *	5		Α	
Not Accessible	50%					D	
Fenders							
Rubber	100%	2023		1-2		С	
Launch/Haulout							
Piles and Bracing					***		
Steel	25%	2050	* *	5-10	\$18,300	A	
Not Accessible	75%					D	
Runway	1000/	20.50	de de	_	4.400		
Concrete	100%	2050	* *	5	\$1,100	Α	
Deck Elements							
Railing	1000/	2022	Φ107.200				
Steel	100%	2023	\$105,300			A	
Electrical							
Conduit PVC	100%	2021	\$6,600			A	
	100%	2021	\$6,600			A	
Lighting Fixture Incandescent	1000/	2010	¢ <i>c</i> 900			٨	
Electrical/Mech.	100%	2019	\$6,800			A	
Power Supply/Bollards Steel	100%	2023	\$13,700			A	
Mech./Plumbing							
Water Supply							
PVC	100%	2021	\$38,400			A	

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: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : PIER 17 - NEW YORK WATER TAXI

Address : SOUTH STREET SEAPORT FOOT OF FULTON STREET

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DSB0056.000 \, / \, 14200 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Area Sq Ft : 760 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 11-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks		\$119,800
Total		\$119,800
Priority A		\$119,800
Total		\$119,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$7,900	\$22,900	\$100	\$2,600
Total	\$7,900	\$22,900	\$100	\$2,600
Priority A	\$6,000	\$22,900		\$1,400
Priority B	\$1,800			\$1,100
Priority C	\$100			
Total	\$7,900	\$22,900	\$100	\$2,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801 PIER 17 - NEW YORK WATER TAXI

Marinas/Docks		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Access Walkways								
Gangways								_
Aluminum	95%		Φ=00	2043	* *	1-3	\$4,600	В
Aluminum	5%	4+	\$700	2053	**	1-3	\$200	В
			Extent : Moderate, A Connection	Area А <u></u> ijе	естеа : 50%			
			ware Corrosion					
Floating Docks Anchor Piles	7							
Steel	100%	4+	\$6,000	2043	* *	3-5	\$4,300	A
	Corrosion		Ioderate, Area Affe		9%		4.,500	
Deck								
Steel		, Extent : L : Through	ight, Area Affected out	2021	\$2,500			A
No Component	60%							D
Fenders								
Rubber	50%			2021	\$100	1-2	\$100	C
Rubber			\$100 rate, Area Affected e Of Water Taxi Ba		\$100	1-2	\$100	С
Barge								
Steel		, Extent : L ı : Through	ight, Area Affected out	2032 : 20%	* *	5	\$1,400	A
Not Accessible	50%							D
Deck Elements Railing								
Steel		, Extent : L : Through	ight, Area Affected out	2021 : 5%	\$119,800			A
Electrical								
Conduit								
Steel	100%			2021	\$5,700			A
Lighting Fixture Sodium	100%			2017	\$22,200			A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 09-Sep-2014 DEPT. OF SMALL BUSINESS SERV. - FY 2015

Asset Name : SKYPORT MARINA (23RD ST MARINA)
Address : FOOT OF 23RD STREET & FDR DRIVE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : PAR0154.000 / 13645 Yr Built/Renovated :

Area Sq Ft : 3,498 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 23-Jun-2011 Landmark Status : NONE

Areas Surveyed :

Block : 991 Lot : 50 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks	\$297,600	\$1,230,500
Total	\$297,600	\$1,230,500
Priority A	\$249,800	\$1,230,500
Priority B	\$47,900	
Total	\$297,600	\$1,230,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$102,000	\$47,900	\$22,600	\$20,100
Total	\$102,000	\$47,900	\$22,600	\$20,100
Priority A	\$101,900	\$47,700	\$20,500	\$16,200
Priority B	\$100	\$200	\$2,100	\$3,900
Total	\$102,000	\$47,900	\$22,600	\$20,100



^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Marinas/Docks	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Access Walkways							
Deck	5 0/ 4 ·	¢20 000	2027	* *	5	¢500	A
Concrete	5% 4+ Spalling, Extent : Se Location : At North				5	\$500	A
Concrete	94%		2031	* *	5	\$19,500	A
	Cracking, Extent : La Location : Isolated		: 10%				
	Spalling, Extent : Lig Location : Isolated		5%				
Timber	1%		2020	\$7,100	5	\$200	A
Gangways							
Aluminum	43% 0-2 Missing Components Location: Bottom Other Observation, I Location: West Ce Explanation: Top	Of Southeast Gangv Extent : Severe, Are nter, Northeast, An	way a Affecte d East C	d : 100% enter Docks	1-3	\$7,100	В
A 1				**	1.2	¢4.000	D
Aluminum	29% 2-4 Loose Connections, I Location : Top Of (ed : 100%	1-3 cks	\$4,800	В
Aluminum	28%		2042	* *	1-3	\$4,700	В
Pile Caps							
Concrete	95% Cracking, Extent : La Location : Isolated		2042 : 10%	* *	5	\$27,300	A
Concrete	2% 4+ Spalling, Extent : Mo Location : At Easte		2042 ted : 25%	**	5	\$300	A
Timber	3%		2042	* *	4	\$400	A
Piles and Bracing Timber	5% 4+ Missing Connections Location: On Outl	oard Side Of Facil	ity, Braci	-	4-5	\$2,800	A
	Rotting, Extent : Mod Location : In Tidal		ed : 40%				
Timber	45% Rotting, Extent : Liga Location : Through	out		* *	4-5	\$47,800	A
	Other Observation, I Location: Through	out		: 100%			
Mad A 1.1 .	Explanation : Chec	king Ana Sheii Pee	ung				D
Not Accessible	50%						D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Total (Years) FY (Yrs)	\$200 \$800	Priority Code A					
Timber 15% Now \$500 2037 ** 3 Broken, Extent: Severe, Area Affected: 100% Location: Along South Access Walkway Timber 45% 2031 ** 3 Rotting, Extent: Light, Area Affected: 30% Location: Tidal Zone Other Observation, Extent: Light, Area Affected: 30% Location: Tidal Zone	,						
Timber 15% Now \$500 2037 ** 3 Broken, Extent: Severe, Area Affected: 100% Location: Along South Access Walkway Timber 45% 2031 ** 3 Rotting, Extent: Light, Area Affected: 30% Location: Tidal Zone Other Observation, Extent: Light, Area Affected: 30% Location: Tidal Zone	,						
Broken, Extent: Severe, Area Affected: 100% Location: Along South Access Walkway Timber 45% 2031 ** 3 Rotting, Extent: Light, Area Affected: 30% Location: Tidal Zone Other Observation, Extent: Light, Area Affected: 30% Location: Tidal Zone	,						
Timber 45% 2031 ** 3 Rotting, Extent: Light, Area Affected: 30% Location: Tidal Zone Other Observation, Extent: Light, Area Affected: 30% Location: Tidal Zone	\$800	A					
Timber 45% 2031 *** 3 Rotting, Extent: Light, Area Affected: 30% Location: Tidal Zone Other Observation, Extent: Light, Area Affected: 30% Location: Tidal Zone	\$800	A					
Rotting, Extent : Light, Area Affected : 30% Location : Tidal Zone Other Observation, Extent : Light, Area Affected : 30% Location : Tidal Zone	\$800	A					
Location : Tidal Zone Other Observation, Extent : Light, Area Affected : 30% Location : Tidal Zone							
Other Observation, Extent : Light, Area Affected : 30% Location : Tidal Zone							
Location : Tidal Zone							
Explanation : Abrasion							
Not Accessible 40%		D					
Floating Docks							
Anchor Piles	Φο 200						
Steel 7% 0-2 \$10,700 2042 ** 3-5	\$9,200	A					
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Seaplane Ramp						
Explanation : Frozen Pile Guide Rollers							
	ф17 400						
Steel 13/0 2042 3-5	\$17,400	A					
Corrosion, Extent : Light, Area Affected : 50% Location : Throughout	Corrosion, Extent : Light, Area Affected : 50% Location : Throughout						
Missing Coating, Extent: Moderate, Area Affected: 30%							
Location: Tidal Zone And Above Mlw Elevation							
Timber 20% 4+ \$21,800 2023 \$43,700 4-5	\$3,400	A					
Abrasion, Extent : Severe, Area Affected : 30%							
Location: Northwest And West Center Docks							
Timber 15% 2023 \$32,700 4-5	\$4,200	A					
Abrasion, Extent : Moderate, Area Affected : 30%							
Location : Throughout							
Timber 5% Now \$5,500 2023 \$10,900 4-5	\$800	A					
Other Observation, Extent : Severe, Area Affected : 100%							
Location : South West Dock And South Center Dock							
Explanation: Broken Anchor Collar							
Not Accessible 40%		D					

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Asset #: 13645

Marinas/Docks	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Floating Docks Deck				
Steel	1% Now \$400 Other Observation, Extent: Severe, A Location: Throughout Explanation: Broken And Missing O	rea Affected : 25%)	A
Timber	57% Surface Wearing/Scaling, Extent : Lig Location : Throughout	2020 \$20,500 ht, Area Affected : 15%	5 \$8,000	A
Timber	1% Now \$400 Missing Components, Extent: Severe, Location: South East Dock	· ·	5 \$100	A
Timber	1% Now \$400 Other Observation, Extent: Severe, A Location: Northeast And East Cente Explanation: Unsecured Composite	rea Affected : 100% er Docks		A
No Component	40%			D
Floats/Frames				
Polyethylene	50%	2027 **	1-3 \$21,000	A
Steel	5% 2-4 \$14,600 Waterlogged/Damaged Floatation, Ex Location : Northwest Dock		3 \$700	A
Steel	45% 4+ \$26,300 Corrosion, Extent: Moderate, Area A Location: Throughout Missing Connections, Extent: Light, A Location: Southwest Dock And South	ffected : 50% Area Affected : 2%	5 \$6,000	A
Mooring Piles				
Timber	50% Rotting, Extent : Light, Area Affected Location : Tidal Zone	2023 \$10,200 : 10%	1,300	В
Not Accessible	50%			D
Protective Structure				
Wave Attenuator				
Timber	75% Now \$121,600 Loose Connections, Extent: Moderate Location: Eastern End Missing Components, Extent: Severe,	e, Area Affected : 5% Area Affected : 95%	9 4 \$68,100	A
T'1.	Location: Eastern End Of Access To		φοσ σοο	
Timber	25%	2023 \$67,600	9 4 \$22,700	A

Deck Elements

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.

Marinas/Docks		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements								
Railing								
Steel	98%			2020	\$813,700			A
		Extent : L : Through	ight, Area Affected out	! : 5%				
Steel	2%	Now	\$3,300	2020	\$16,600			A
	_	-	, Extent : Severe, A st Jetty Near Ice M		cted : 100%			
Electrical								
Conduit								
PVC	50%			2018	\$10,200			A
Not Accessible	50%							D
Lighting Fixture								
Incandescent	40%			2016	\$3,600			Α
Incandescent	60%	Now	\$300	2017	\$5,400			A
			Extent : Severe, Are	a Affecte	ed : 100%			
		: East Jett						
	Explanat	ion : Missi	ng Bulbs					
Electrical/Mech.								
Power Supply/Bollards	750/	M	¢2.100	2020	¢42.600			
Plastic	75%	Now	\$2,100 Extent : Severe, Are	2020	\$42,600			A
			out South Walkway		a. 10070			
		ion : Missi		V				
Steel	25%	0-2	\$800	2020	\$15,400			A
Steel			дооо Extent : Severe, Are					А
			y, North Gangway	a rijjecie	a. 2570			
			Splice Exposed					
Mech./Plumbing	Елрини	ion. wire	Брисс Ехрозеи					
Water Supply								
Galvanized Steel	50%	Now	\$25,800	2022	\$25,800			A
	Other Obs	ervation, E	Extent : Severe, Are	a Affecte				
			alkway And East Je					
	Explanat	ion : Broke	en Connections, Br	oken Pip	e Hangers			
Not Accessible	50%							D

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPT. OF SMALL BUSINESS SERV. - 801

Project: ECONOMIC DEVELOPMENT

CAPITAL	F	Y 2016 - 2019		FY 2020 - 2025
Miscellaneous Buildings		287,300		116,700
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Miscellaneous Buildings	19,900	5,200	9,300	6,100

ASSET#	NAME	SQFT	CAPITAL	EXPENSE
2279	SOUTH BROOKLYN MARINE TERMINAL OFFICE BUILDING	2,646	77,400	5,400
2280	SOUTH BROOKLYN MARINE TERMINAL GATEHOUSE/GUARDHOUSE	60	0	1,400
2281	SOUTH BROOKLYN MARINE TERMINAL GATEHOUSE/GUARDHOUSE	60	0	1,400
2286	NEW YORK CITY TERMINAL MARKET BUILDING GH-1	225	0	5,100
2287	NEW YORK CITY TERMINAL MARKET BUILDING GH-2	192	0	4,400
2288	NEW YORK CITY TERMINAL MARKET CANOPY	1,837	53,700	3,800
2806	NEW YORK CITY TERMINAL MARKET BUILDING G-1	6,830	199,800	14,000
14266	PASSENGER WAIT AREA BUILDING WALL ST. FERRY PIER 11	2,500	73,100	5,100

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

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