Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$419,400	\$277,300
Interior Architecture	\$240,100	\$346,600
Electrical	\$408,300	\$315,100
Total	\$1,067,800	\$939,100
Priority A	\$419,400	\$277,300
Priority B	\$408,300	\$315,100
Priority C	\$240,100	\$346,600
Total	\$1,067,800	\$939,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$2,800		\$19,500	\$21,500
Interior Architecture	\$32,300			\$10,000
Electrical	\$2,600	\$3,600	\$51,200	\$1,900
Mechanical	\$10,400	\$3,000	\$27,900	\$5,100
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
Total	\$53,000	\$11,500	\$103,500	\$43,400
Priority A	\$2,800		\$19,500	\$21,500
Priority B	\$17,900	\$11,500	\$84,100	\$11,900
Priority C	\$32,300			\$10,000
Total	\$53,000	\$11.500	\$103.500	\$43,400



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

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

Asset #: 4334

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
xterior	•			•				•
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	\$15,600	A
Masonry: Brick	55%			LIFE	* *	5	\$137,100	Α
Metal Panel	20%			2048	* *	5-10	\$342,800	Α
Metal Coiling Doors	5%			2027	* *	5	\$39,000	A
Window Wall	10%			2042	* *	5	\$93,500	A
Parapets Masangu Briefs	200/			LIEE	* *	5	\$4.200	٨
Masonry: Brick Metal Rail	80% 15%		¢1 700	LIFE 2027	* *	5	\$4,200 \$5,600	A
Metai Kaii			\$1,700 Extent : Moderate, A			5	\$3,000	A
		n : North Si		пен Ајје	ciea . 2070			
			ae Extent : Moderate,	Area Aff	Sected · 50%			
		n : North Si		717 ca 71jj	ceica : 5070			
Pre-Cast Concrete	5%		\$1,100	LIFE	* *	5	\$1,700	A
rie-Cast Concrete			31,100 d, Extent : Moderat			3	\$1,700	A
		n : Coping	i, Exicii : Moderdi	c, 111 cu 1	ijjeeieu . 2570			
			d, Extent : Modera	te Area	Affected · 25%			
	_	n : Coping	a, Emerii : moaera	.c, 111 ca 1	ingecica : 2570			
Roof								
Cast in Place Concrete	95%	Now	\$123,300	LIFE	* *			A
	Cracking/		Extent : Moderate		fected : 30%			
	Location	n : Through	out					
	Water Per	netration, E	xtent : Moderate, A	rea Affe	cted : 10%			
	Location	n : Level 4						
Roll Roofing	5%			2018	\$18,100	5	\$6,800	A
nterior								
Floors								
Cast in Place Concrete	93%		\$240,100	LIFE	* *	5	\$346,600	C
	_	_	Extent: Moderate	, Area A <u>f</u>	fected : 25%			
		n : Through			,			
			derate, Area Affect	ed: 25%	•			
		n : Through	out					
Panel/Paver: Cer/Brk	5%			2038	* *	5	\$19,200	C
Vinyl Tile	2%		\$32,300	2032	* *	3	\$1,300	C
	_	_	Extent : Moderate	, Area A <u>f</u>	fected : 30%			
		n : Office	36.1	1.00 1	2007			
			: Moderate, Area	Affected :	20%			
	Location	n : Office						
Interior Walls	250/			LIDE	ale ale			a
Cast in Place Concrete	25%			LIFE	* *	~	φ10 400	C
Concrete Masonry Unit	70%			LIFE	* *	5	\$19,400	C
Gypsum Board	3%			LIFE	* *	5	\$1,200	C
Metal Panel	2%			LIFE	~ *			С
Ceilings Expand Congrete	000/			LIDD	* *	5	¢26 100	D
Exposed Concrete	98%			LIFE	**	5	\$26,100	В
Plaster	2%			LIFE	4. 4.	5	\$2,100	В

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

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

Asset #: 4334

Electrical		Current F	Repair	Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Under 600 Volts									
Service Equipment						_		_	
Fused Disc Sw	100%			2022	\$28,500	5	\$600	В	
			Extent : Moderate, A	Area Affe	cted : 100%				
		: Electrica		) Amns A	nd One 200 Amns	Main Di	gaannaat Switah		
Transformers	Expiana	tion: Two c	800 Amps, One 400	Amps A	na One 200 Amps	main Di	sconnect Switch		
Dry Type	100%			2020	\$13,900	5	\$500	В	
Switchgear / Switchboard	10070			2020	Ψ13,700		Ψ300		
Fused Disc Sw	100%			2022	\$59,300	5	\$600	В	
Raceway					+,		+		
Conduit	100%			2022	\$77,300	1		В	
Panelboards					•				
Molded Case Bkrs	100%			2021	\$50,500	5	\$3,400	В	
Wiring									
Thermoplastic	100%			2022	\$60,500	1		В	
Motor Controllers									
Locally Mounted	100%			2020	\$67,500	5	\$900	В	
Ground									
Grounding Devices	1.000/							_	
Not Accessible	100%							D	
Lighting									
Interior Lighting Fluorescent	5%			2017	\$12,600	10	\$5,200	В	
Fluorescent		ervation F	Extent : Moderate, A			10	\$5,200	Б	
		ı : Office Oi		1700 11990	cica . 570				
			g T-12 Lamps						
HID	95%		,	2017	\$66,400	10	\$3,500	В	
Egress Lighting	7570			2017	Ψου, 100	10	ψ2,200		
Emergency, Service	50%			2017	\$9,400	1		В	
Exit, Service	50%			2017	\$9,400	1		В	
Exterior Lighting									
HID	100%			2017	\$7,800	10	\$400	В	
Alarm								-	
Security System									
No Component	90%							D	
Generic	10%			2017	\$43,600	1	\$4,800	В	
Fire/Smoke Detection									
No Component	80%						*	D	
Generic	20%			2017	\$298,300	1-3	\$15,700	В	

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

Heating

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

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

Asset #: 4334

Mechanical	Curi	ent Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Total (Ye	Date Estimated Cost ars)	t Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Energy Source							
Electricity	5%		2042	* *	1		В
No Component	95%						D
Conversion Equipment							
Radiant Heater	5% No	. ,		* *	2	\$2,100	В
		Extent : Severe, Area A		10%			
		e 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	\$13,300	1		В
No Component	95%						D
Ventilation							
Distribution	100-1					<b>* - * *</b> * * * * * * * * * * * * * * * *	_
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$63,500	В
Exhaust Fans	4.0-4			de de	_		_
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	<b>50</b> /		2017	Ф1 000	4		ъ
Electric	5%	F I:-1 A	2017	\$1,000	4		В
	Location : Jan	on, Extent : Light, Are	еа Ајјестеа	: 100%			
N. G		l - 10 Gallon Unit					
No Component	95%						D
Sanitary Piping	1000/		TIPE	* *	1		ъ
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping	1000/		LIDE	ماد ماد			ъ
Cast Iron	100%		LIFE	* *	1		В
Fixtures	1000/						D
Generic	100%						В
Vertical Transport							
Elevators	1000/		LIEE	* *			C
Hydraulic	100%	on Extent Light An	LIFE				С
	Location: 1-4	on, Extent : Light, Are	си Ајјестеа	10070			
		One Unit / out of servi	ice				
Z' G	ъхрининон.	om on of servi					
tire Silphression							
Fire Suppression Standpipe							

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

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

Mechanical	Current Repair	Future Re	eplacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Co. Total (Years)	st Year Est FY	timated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fire Suppression						
Sprinkler						
No Component	80%					D
Generic	20%	2042	* *	1-2	\$6,400	В
	Other Observation, Extent : Light, Ar	rea Affected : 10	00%			
	Location: Basement Level					
	Explanation: Serves Basement Lev	el Only				

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$387,300	\$249,800
Interior Architecture	\$776,400	\$487,200
Electrical	\$507,200	\$302,000
Total	\$1,670,800	\$1,038,900
Priority A	\$387,300	\$249,800
Priority B	\$750,600	\$338,000
Priority C	\$532,900	\$451,200
Total	\$1,670,800	\$1,038,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$49,200			
Interior Architecture	\$19,600			\$1,500
Electrical	\$500	\$1,800	\$25,800	
Mechanical	\$5,700	\$100	\$900	\$100
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$83,000	\$9,800	\$34,600	\$9,500
Priority A	\$49,200			
Priority B	\$14,100	\$9,800	\$34,600	\$8,000
Priority C	\$19,600			\$1,500
Total	\$83,000	\$9,800	\$34,600	\$9,500



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

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

Asset #: 2135

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
terior	•					•		•
Exterior Walls								
Cast in Place Concrete	Location Effloresce Location Exposed R	Crumbling, a: Through nce, Extent a: Through Reinforceme	\$274,900 Extent: Moderate out East Elevation : Light, Area Affeo out ent, Extent: Moder out East Elevation,	eted : 409 ate, Area	% 1 Affected : 40%	5	\$53,500	A
Cast in Place Concrete	20%			LIFE	* *	5	\$71,400	A
Concrete Masonry Unit	_		\$12,300 Extent : Moderate	LIFE , Area A	* * ffected : 5%	5	\$4,500	A
Concrete Masonry Unit	15%	. Inrough		LIFE	* *	5	\$6,700	A
Masonry: Brick	3%			LIFE	* *	5	\$2,100	A
Metal Panel	35%			2032	* *	5-10	\$171,700	A
Window Wall	2%	Now	\$7,800	2032	* *	5	\$2,700	A
window wan	Broken/M		ents, Extent : Ligh		ffected : 10%	5	Ψ2,700	71
Windows					* *			
Steel	Location	: Stairs ted Finish,	\$25,100 Extent : Moderate, A Extent : Moderate,			5	\$2,700	A
No Component	90%							D
Parapets								
Cast in Place Concrete	Location Effloresce Location Exposed I Location Spalling, 1	a: Inside Fo nce, Extent a: Through Reinforceme a: Through	ent, Extent : Moder out derate, Area Affect	Affected ate, Area	: 30% a Affected : 5%	5	\$6,600	A
Cast in Place Concrete	80%			LIFE	* *	5	\$26,500	A
Roof Cast in Place Concrete			\$65,600 Extent : Moderate	LIFE , Area A	* * ffected : 30%			A
	Drains Inc	ad/Misposn a: Roof At I	, Extent : Moderate Levels 7 And 8 Extent : Moderate, A					
	Location	ı : Ceiling I	Below Levels 7 And	8, Thro	ughout			
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.

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

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

Asset #: 2135

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
nterior					
Floors Cast in Place Concrete	40% Now \$147,100		5	\$212,300	C
	Cracking/Crumbling, Extent: Modera Location: Throughout				
Cast in Place Concrete	45%	LIFE **	5	\$238,900	C
Paver: Asphalt	10% Now \$135,200 Loose/Delam Surface, Extent : Moder Location : Throughout		5	\$18,200	С
Vinyl Tile	5% Now \$115,000 Cracking/Crumbling, Extent: Severe, Location: Throughout Office		3	\$4,600	С
Interior Walls					
Cast in Place Concrete	40%	LIFE **			C
Cast in Place Concrete	30% Now \$135,600 Cracking/Crumbling, Extent: Modera Location: Throughout Spalling, Extent: Moderate, Area Aff	ate, Area Affected : 40%			С
	Location: Throughout				
Concrete Masonry Unit	20% Now \$17,500 Cracking/Crumbling, Extent: Modera Location: Throughout		5	\$1,900	С
Gypsum Board	5% Now \$2,100 Cracking/Crumbling, Extent: Light, A Location: Throughout		5	\$700	С
Masonry: Brick	5%	LIFE **			С
Ceilings					
AcousTileSusp.Lay-In	5% Now \$80,600 Cracking/Crumbling, Extent : Severe, Location : Throughout Offices		5	\$6,100	В
Exposed Concrete	35% Now \$162,800 Cracking/Crumbling, Extent : Modern Location : Below Levels 7 And 8		5	\$13,300	В
	Spalling, Extent: Moderate, Area Aff Location: Throughout				
	Water Penetration, Extent : Moderate Location : Below Levels 7 And 8	, Area Affected : 15%			
Exposed Concrete	60%	LIFE **	5	\$22,700	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.

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

Asset #: 2135

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost   Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	50%	2022	\$16,200	5	\$400	В
	Enclosure Damaged, Extent					
	Location: Missing Cover					
	Other Observation, Extent:		ected : 100%			
	Location : First Floor Con					
	Explanation: One 500 An	ıps Main Disconnect				
Fused Disc Sw	50%	2022	\$16,200	5	\$400	В
	Other Observation, Extent:		ected : 100%			
	Location: First Floor Con	ridor				
	Explanation: One 200 An	ıps Main Disconnect	Switch			
Raceway						
Conduit	100%	2022	\$154,700	1		В
Panelboards						
Fused Disc Sw	30%	2021	\$30,300	5	\$1,200	В
Molded Case Bkrs	20%	2030	* *	5	\$900	В
Molded Case Bkrs	50%	2021	\$50,500	5	\$2,400	В
Wiring						
Thermoplastic	80%	2022	\$96,700	1		В
Thermoplastic	20%	2032	* *	1		В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$2,600	В
Lighting						
Interior Lighting						
Fluorescent	100%	2017	\$358,400	10	\$148,700	В
	Other Observation, Extent:		ected : 100%			
	Location: Throughout The					
	Explanation: T-12 Lamps					
Exterior Lighting						
HID	50%	2017	\$5,400	10	\$300	В
Incandescent	50%	2017	\$19,700	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)	<b>Estimated Cost</b>	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

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

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

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Ventilation								
Distribution								
Ductwork/Diffusers	5%		\$5,700	LIFE	* *	2-5	\$4,500	В
			loderate, Area Affe		%			
			oor Bathroom Exha	ust				
No Component	95%							D
Exhaust Fans								
Interior	5%			2022	\$9,800	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%			
		ı : 1st : Roo	•					
	Explana	tion : One	Unit					
Fire Suppression								
Standpipe	400			2022	.a. •		4000	т.
Generic	100%			2032	* *	1-5	\$800	В
Sprinkler	0.7							-
No Component	95%			2025				D
Generic	5%			2032	* *	1-2		В

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

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

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Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Mechanical		\$87,900
Total		\$87,900
Priority B		\$87,900
Total		\$87,900

Total	\$34,500	\$12,000	\$34,100	\$27,600
Priority C	\$8,600	\$300		\$3,100
Priority B	\$15,900	\$11,700	\$23,000	\$11,000
Priority A	\$10,100		\$11,100	\$13,500
Total	\$34,500	\$12,000	\$34,100	\$27,600
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Mechanical	\$1,200	\$1,800	\$2,200	\$1,800
Electrical	\$1,400	\$2,000	\$13,000	\$1,400
Interior Architecture	\$13,900	\$300		\$3,100
Exterior Architecture	\$10,100		\$11,100	\$13,500
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

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

Asset #: 4335

Architecture		Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior								
Exterior Walls								
Cast Stone/Terra Cotta	25%			LIFE	* *	5	\$10,100	A
Masonry: Granite	2%			LIFE	* *	5	\$100	A
Metal Panel	3%			2042	* *	5-10	\$1,100	A
Stucco Cement	45%			2035	* *	5	\$5,800	A
Window Wall	25%			2042	* *	5	\$4,900	A
Windows								
Steel	25%			2030	* *	5	\$11,200	A
Wood	75%			2038	* *	5	\$26,900	A
Parapets								
Cast Stone/Terra Cotta	5%			LIFE	* *	5	\$1,300	A
Metal Cornice	60%			2050	* *	10	\$6,700	A
Stucco Cement	35%			2035	* *	5	\$3,100	A
Roof								
Modified Bitumen	5%			2027	* *	10	\$600	A
Spray-on Foam	95%			2032	* *	5	\$15,500	A
	Recent Re	place Evider	nt, Extent : Light, I	Area Aff	ected : 100%			
	Location	ı : Througho	ut					
nterior								
Floors								
Carpet	30%			2021	\$34,500	3	\$11,700	C
Cast in Place Concrete	10%			LIFE	* *	5	\$4,300	C
Ceramic Tile	3%			2031	* *	5	\$600	C
Terrazzo	22%			LIFE	* *	5	\$3,400	C
Vinyl Tile	5%			2030	* *	3	\$500	C
Wood	30%			2050	* *	5	\$11,000	C
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$400	C
Glass: Single Pane	5%			LIFE	* *	5	\$700	C
Gypsum Board	65%			LIFE	* *	5	\$7,500	C
Marble Panels	5%			LIFE	* *		, - , - , -	C
Plaster	20%			LIFE	* *	5	\$1,200	Č
Ceilings	- , ,					· · · · · · · · · · · · · · · · · · ·	, , , , ,	-
AcousTileSusp.Lay-In	55%			2035	* *	5	\$10,800	В
Gypsum Board	25%			LIFE	* *	5	\$6,100	В
Plaster	20%			LIFE	* *	5	\$2,400	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				
Service Equipment				
Fused Disc Sw	100%	2042 **	5 \$100	В
	Other Observation, Extent: Moderate, A	Area Affected : 100%		
	Location: Electrical Room			
	Explanation: One 1200 Amps And On	e 600 Amps Main Disconne	ect Switch And 400 Amps	
	For Emergency Main Service		-	

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

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

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

Asset #: 4335

Electrical	Current Repair	Future R	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Es FY	timated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	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	\$300	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	\$4,000	В	
Generators							
Diesel	100%	2031	* *	1	\$5,100	В	
	Other Observation, Extent : Moderate	, Area Affectea	l : 100%				
	Location : Roof						
	Explanation: One 200 Kw						
Batteries							
Lead/Acid	100%	2016	\$600	5	\$500	В	
Fuel Storage							
Main Tank	100%	2050	* *	5	\$400	В	
	Other Observation, Extent : Moderate	, Area Affected	l : 100%				
	Location : Basement						
	Explanation: One 300 Gals						
Lighting							
Interior Lighting							
Fluorescent	98%	2027	* *	10	\$11,700	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	
Generic	30%	2027	* *	1-3	\$2,500	В	

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

Heating

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

Estimates are rounded to the nearest hundred dollars.

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

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

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

Asset #: 4335

Mechanical	Current Repair	Future Re	placement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Est	imated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating						
Energy Source						
Electricity	10%	2032	* *	1		В
Natural Gas	90%	2032	* *	1		В
Conversion Equipment	000/	2022	<b>#16.200</b>		Φ	ъ
Furnace	90%	2022	\$16,300	1	\$5,800	В
	Other Observation, Extent: Light Location: Roof	, Агеа Ајјестеа : 953	<b>%</b> 0			
	Explanation: 2 Roof Top Packa	an Units				
D. P. at H. at a			Φ.C. <b>5</b> 00		¢<00	D
Radiant Heater	10% Other Observation, Extent: Light	2022	\$6,500	2	\$600	В
	Location : Entrance	, Агеа Ајјества . 10	/0			
	Explanation: 5 Units					
Air Conditioning	Explanation : 5 Ontis					
Energy Source						
Electricity	100%	2030	* *	1		В
Conversion Equipment	10070	2030				
Int Pkg Unit - Cooling	10%	2020	\$19,100	2	\$100	В
Ext Pkg Unit -	90%	2022	\$87,900	2	\$700	В
Heating/Cooling			+		4,77	
2 2	Other Observation, Extent : Light	, Area Affected : 90	%			
	Location: Roof					
	Explanation: 2 Roof Top Units					
Heat Rejection						
Remote Air Cond	10%	2022	\$8,800	2	\$900	В
No Component	90%					D
Ventilation						
Distribution	1000/		ata ata		Φ <b>π. 2</b> 00	-
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$7,300	В
Exhaust Fans	1000/	2027	ale ale	2	<b>#</b> 400	ъ
Roof	100%	2027	* *	2	\$400	В
Plumbing						
H/C Water Piping Brass/Copper	100%	2032	* *	1		В
Water Heater	10070	2032		1		ь
Electric	100%	2020	\$2,300	4	\$100	В
Sanitary Piping	10070	2020	Ψ2,300		Ψ100	D
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping	10070	LIL				
Cast Iron	100%	LIFE	* *	1		В
Fixtures	100,0					
Generic	100%					В
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			C
-	Other Observation, Extent : Light	, Area Affected : 100	0%			
	Location: B-2					
	Explanation: Two Units					

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

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

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

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%	2032 **	1-2 \$3,700	В
Fire Pump				
Generic	100%	2025 **	1 \$2,400	В

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Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : BATTERY MARITIME BUILDING

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

Borough : MANHATTAN Agency's Number : No

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$661,600	\$98,900
Interior Architecture	\$1,671,500	\$376,800
Electrical	\$534,700	\$499,800
Mechanical	\$4,052,200	
Total	\$6,920,000	\$975,500
Priority A	\$661,600	\$98,900
Priority B	\$5,273,300	\$499,800
Priority C	\$985,100	\$376,800
Total	\$6,920,000	\$975,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$45,500		\$2,600	
Interior Architecture	\$20,000	\$9,700	\$22,400	\$225,800
Electrical	\$12,900	\$4,000	\$32,200	\$3,000
Mechanical	\$60,300	\$20,400	\$64,800	\$22,200
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$146,600	\$42,000	\$129,800	\$258,900
Priority A	\$45,500		\$2,600	
Priority B	\$84,700	\$32,300	\$127,300	\$33,100
Priority C	\$16,500	\$9,700		\$225,800
Total	\$146,600	\$42,000	\$129,800	\$258,900



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

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

Asset #: 2419

rchitecture		Current F	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Cod
terior	•			•				•
Exterior Walls								
Cast Iron	20%			LIFE	* *			A
Copper/Terne	45%			2057	* *	10	\$144,600	A
Metal, Corrugated	30%			2042	* *	1		A
Granite Panels	5%			LIFE	* *	5	\$5,100	A
Windows								
Steel	20%	Now	\$35,500	2030	* *	5	\$30,900	A
	Corrosion	ı/Rusting, E	Extent : Moderate, A	Area Affe	cted : 20%			
	Location	n : Offices (	On Upper Floors					
Wood	80%	1		2038	* *	5	\$197,800	A
Parapets								
Copper/Terne	15%			2057	* *	5	\$5,100	A
Masonry: Brick	50%			LIFE	* *	5	\$3,500	Α
Metal Panel	10%		\$13,200	2032	* *	5	\$1,400	Α
			xtent : Moderate, A		cted : 10%	-	, ,	
	-		Throughout Upper I					
Metal Rail	10%		- 11	2035	* *	5-10	\$12,700	A
Metal Rail	15%		\$24,500	2033	* *	5	\$7,500	A
	Location Corrosion	n : Upper R 1/Rusting, E	nents, Extent : Seve oof And East Balco Extent : Moderate, A oof And East Balco	onies Area Affe				
Roof								
Built-Up (BUR)	40%	Now	\$336,400	2032	* *			Α
• , ,		r 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%			
		_	: Moderate, Area	Affected	: 10%			
	-	n : Through		-55	, ,			
	Water Per	_	xtent : Severe, Are	a Affecte	d : 10%			
		_	: Severe, Area Affa	ected · 10	00%			
		n : Through		cica . 1	,0,0			
Cost in Disas Commute				LIDE	* *			Α.
Cast in Place Concrete	15%			LIFE	* *	10	¢20,000	A
Copper/Terne	8%			2050		10	\$28,900	A
Modified Bitumen	32%			2027	* *	10	\$46,300	A
Skylight, Metal/Glass	5%	1		2042	* *	10	\$24,100	A
erior								
Floors	0.000			2010	<b>#200 400</b>	2	Φ C Ε Q Q Q	~
Carpet	23%			2018	\$209,400	3	\$65,900	C
Cast in Place Concrete	50%			LIFE	* *	5	\$156,600	C
Ceramic Tile	5%			2031	* *	5	\$7,200	C
Terrazzo	7%			LIFE	* *	5	\$7,800	C
Vinyl Tile	15%			2022	\$220,200	3	\$8,100	C

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

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

Asset #: 2419

Architecture		Current F	Repair	Futur	re Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nterior	•			•		•		•
Interior Walls								
Ceramic Tile	5%			2031	* *	5	\$6,900	C
Concrete Masonry Unit	15%			LIFE	* *	5	\$8,200	C
Gypsum Board	20%		\$53,900	LIFE	* *	5	\$16,400	C
		issing Elen 1 : Non-pub	ients, Extent : Seve lic Areas	re, Area	Affected : 10%			
Plaster	25%	Now	\$685,800	LIFE	* *	5	\$10,300	С
	_	Crumbling, 1 : Non-pub	Extent : Severe, A lic Areas	rea Affeo	cted : 40%			
Plaster	25%	Now	\$135,300	LIFE	* *	5	\$10,300	С
	_	_	Extent : Severe, A Non-public Areas,		cted : 20%			
SGFT/Glazed Masonry	5%			LIFE	* *			С
Wood	5%	Now	\$110,100	LIFE	* *	5	\$27,400	C
	-	cked, Extent n : Ground	: Moderate, Area . Level	Affected	: 75%			
Ceilings								
AcousTileConcealSpLn	25%			2027	* *	5	\$44,700	В
AcousTileSusp.Lay-In	5%			2035	* *	5	\$7,200	В
Exposed Concrete	25%			LIFE	* *	5	\$5,600	В
Exposed Struc: Steel	10%		\$350,300	LIFE	* *			В
		Corrosion/Rusting, Extent: Moderate, Area Affected: 15% Location: Skylights And Slip 2						
			xtent : Moderate, A s And Slip 2	Area Affe	ected : 10%			
Metal Panel	10%			LIFE	* *	5	\$17,900	В
Plaster	5%	Now	\$39,700	LIFE	* *	5	\$4,500	В
	Cracking/Crumbling, Extent: Severe, Area Affected: 15% Location: Stairs And Other Non-public Areas							
Plaster	Location	Crumbling, n : Old Wai	\$296,400 Extent: Moderate ting Room Extent: Moderate, A		-	5	\$17,900	В
		n : Old Wai		пен Аује	15/0			

Electrical	Current Repair	rrent Repair Future Replaceme			Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated ( FY	Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Under 600 Volts			•			•	
Service Equipment							
Fused Disc Sw	100%	2032	* *	5	\$400	В	
	Other Observation, Extent : Moderate, A	Area Affected : 100%					
	Location: Electrical Room						
	Explanation: 3 Electrical Services At	600 Amps Each					
Switchgear / Switchboard							
Fused Disc Sw	100%	2032	* *	5	\$400	В	

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

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

Asset #: 2419

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of 1 Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Under 600 Volts								•	
Raceway									
Conduit	90%			2022	\$101,500	1		В	
Conduit	10%			2032	* *	1		В	
Panelboards	<b>~</b> ~ .	2.4	<b>#</b> 4 000	20.45	ale ale	_	<b>4400</b>		
Fused Knife Sw	5% Obsolete Ed Location .		\$4,900 Extent : Moderate, out	2047 Area A <u>f</u>	* * fected : 100%	5	\$100	В	
Fused Toggle Switch	Location .	: Through	\$4,900 Extent : Moderate, out tent : Moderate, Ar			5	\$100	В	
	Location .	-		ей Ајјес	iea . 10070				
Molded Case Bkrs	80%			2021	\$77,700	5	\$2,000	В	
Molded Case Bkrs	10%			2030	**	5	\$300	В	
Wiring	1070			2030			Ψ300	ь	
Braided Cloth	90%	2-4	\$117,600	2047	* *	1		В	
Zimuvu elem		Aged, Exte	ent : Moderate, Are		ed : 100%	-		2	
Thermoplastic	10%			2032	* *	1		В	
Motor Controllers									
Locally Mounted	20%			2027	* *	5	\$100	В	
Locally Mounted	30%			2020	\$41,200	5	\$200	В	
Locally Mounted	50% On Extende Location	-	\$68,600 tent : Moderate, Ai cal Room	2042 rea Affec	* * cted : 100%	5	\$200	В	
Ground	<u> Locaiton</u>	. 111001111111	cai itoom						
Grounding Devices Not Accessible	100%							D	
Stand-by Power									
Transfer Switches									
Automatic	100%			2020	\$11,700	1	\$29,700	В	
ighting Interior Lighting Fluorescent	50%	4+	\$305,300	2032	**			В	
	Location . Other Obse Location .	: Through rvation, E : Through	Extent : Moderate, A						
Fluorescent	Location .	: Through	Extent : Moderate, A out 3 T-12 Lamps	2022 Area Affe	\$244,200 ected : 100%	10	\$35,100	В	
HID	5%			2017	\$21,500	10	\$200	В	
Incandescent	5%			2022	\$30,500	2	\$100	В	

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

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

Electrical		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting								
Egress Lighting								
Emergency, Service	60%			2022	\$10,200	1		В
Exit, Service	40%			2017	\$6,800	1		В
Exterior Lighting								
HID	100%			2017	\$43,200	10	\$300	В

Mechanical	Current Repair		e Replacement	M	aintenance						
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code					
leating											
Energy Source		-0.4-	de de			_					
Electricity	10%	2042	**	1		В					
	9	Other Observation, Extent : Light, Area Affected : 10% Location : 1st Fl. North Side									
	Explanation: Only Small Portion Of	The Ruildi	ing Is Occupied								
Natural Gas	90%	2032	**	1		В					
Conversion Equipment	3070	2032		-							
Radiant Heater	10%	2027	* *	2	\$4,400	В					
	Other Observation, Extent : Light, Area	Other Observation, Extent : Light, Area Affected : 10%									
	Location: 1st Floor										
	Explanation: About 15 Electric Units	5									
Steam Boiler	90% Now \$497,700	2042	* *	1	\$76,800	В					
	Obsolete Equipment, Extent : Severe, A		ed : 90%								
	Location : 3 Units, 1st Floor Boiler R	?oom									
Distribution											
Steam Piping/Pump	100% Now \$819,300	2052	* *	4	\$4,700	В					
	Corroded, Extent: Severe, Area Affecte	ed: 70%									
	Location : Throughout Leak Evident, Extent : Moderate, Area	Affaatad .	600/								
	Location: Only 10% Of Building Is C		0076								
Terminal Devices	Botanon : Omy 1070 of Buntaing 15 o	есирріси									
Air Handler	10% Now \$63,300	2032	* *	1	\$5,300	В					
2 2	Obsolete Equipment, Extent : Severe, A	rea Affect	ed : 10%		+=,===	_					
	Location : 1st Floor										
Convector/Radiator	90% Now \$807,000	2042	* *	1	\$25,100	В					
	Corroded, Extent : Severe, Area Affecte				, -,						
	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.

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

Asset #: 2419

Mechanical	Curi	rent Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail 1 Total (Yes	Date Estimated Cost ars)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Air Conditioning Conversion Equipment Centrifugal, Elec Chiller	-	ow \$94,900 s, Extent : Severe, Area solete Unit, 1st Fl. A/c		**	1	\$28,000	В
Window/Wall Unit No Component	10% 60%		2017	\$24,100	1		B D
Distribution Chilled Wtr Pipe/Pump	30% No Obsolete Equipr Location : 1st	ment, Extent : Light, Ar	2052 ea Affecte	* * d : 30%	4	\$1,400	В
No Component	70%						D
Terminal Devices Air Handler/Cool/Ht	30% No Obsolete Equipr Location : 1st	ment, Extent : Severe, A	2032 rea Affect	* * red : 30%	1	\$16,000	В
No Component	70%						D
Heat Rejection Water Cool Tower	Location: Low	Extent : Severe, Area Aj ver Roof fe, Extent : Severe, Area			2	\$23,100	В
No Component	70%						D
Ventilation Exhaust Fans Roof	10% No Obsolete Equipr Location : Roo	ment, Extent : Severe, A	2032 rea Affect	* * ted : 10%	2	\$200	В
No Component	90%						D
Plumbing H/C Water Piping Brass/Copper	100% No Corroded, Exter Location : Thr	nt : Severe, Area Affecte	2032 ed : 30%	* *	1		В
Water Heater Electric No Component	10% 90%		2020	\$1,800	4	\$100	B D
Sanitary Piping Cast Iron	100% No Corroded, Exter Location : 1st	nt : Severe, Area Affecte	LIFE ed : 30%	* *	1		В
Storm Drain Piping Cast Iron	100% No Corroded, Exter Location : Var	nt : Severe, Area Affecte	LIFE ed : 30%	* *	1		В

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

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

Mechanical	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Plumbing							
Sewage Ejector(s)							
Electric	100%		2017	\$11,100	4	\$1,300	В
Fixtures							
Generic	100%						В
Vertical Transport							
Elevators							
Geared Traction	100%		LIFE	* *			C
	Other Observation	, Extent : Light, Area	Affected	: 100%			
	Location: 1-4						
	Explanation: Tw	o Units, Not In Servi	ce				
Fire Suppression							
Standpipe							
Generic	100% Now	\$125,600	2032	* *	1-5	\$34,000	В
	Corroded, Extent:	Severe, Area Affecte	d: 70%				
	Location: Throu	ghout					
Sprinkler							
Generic	100% Now	\$1,370,100	2052	* *	1-2	\$23,300	В
	Corroded, Extent:	Severe, Area Affecte	d: 80%				
	Location: Throu	ghout					
Fire Pump							
Not Accessible	100%						D

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#### Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,853,000	\$6,440,200
Interior Architecture	\$254,900	\$926,900
Electrical	\$132,500	
Mechanical	\$70,100	
Total	\$2,310,500	\$7,367,000
Priority A	\$1,853,000	\$6,440,200
Priority B	\$390,600	\$68,900
Priority C	\$66,900	\$857,900
Total	\$2,310,500	\$7,367,000

Total	\$64,900	\$114,600	\$77,200	\$105,400
Priority C	,	\$24,500	\$12.300	,
Priority B	\$64,900	\$90,100	\$64,900	\$81,700
Priority A				\$23,700
Total	\$64,900	\$114,600	\$77,200	\$105,400
Elevators/Escalators	\$35,500	\$35,500	\$35,500	\$35,500
Mechanical	\$23,500	\$20,900	\$23,600	\$33,800
Electrical	\$5,800	\$9,100	\$5,800	\$12,400
Interior Architecture		\$49,000	\$12,300	
Exterior Architecture				\$23,700
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Exterior									
Exterior Walls									
Cast in Place Concrete	85%			LIFE	* *	5	\$402,800	A	
Metal Coiling Doors	10%			2028	* *	5	\$29,600	Α	
Window Wall	5%			2043	* *	5	\$17,800	A	
Windows									
Metal Louvers	10%			2032	* *	10	\$60,000	A	
Steel	85%	Now	\$1,423,700	2022	\$4,745,600	5	\$510,100	A	
			Extent : Moderate,	Area Afj	fected : 50%				
		Location: Throughout							
	_		ked, Extent : Mode	rate, Are	ea Affected : 25%				
		: Through							
			, Extent : Moderate	e, Area A	ffected : 100%				
		: Through	out						
Under Construction	5%							D	
Parapets									
Cast in Place Concrete	100%			LIFE	* *	5	\$624,900	A	
Roof	1.00/			T TEE	* *				
Cast in Place Concrete	10%	0.2	ф. <b>13</b> 0, <b>2</b> 00	LIFE		-	Φος 000	A	
Spray-on Foam	90%	0-2	\$429,300	2033	* *	5	\$96,800	A	
		хтепт : Mod 1 : Main Rod	derate, Area Affecto of	ea : 10%					
			y Extent : Moderate	Amag A	ffeeted , 250/				
	_	crumbung, ı : Main Ro		, Area Aj	ijeciea . 2576				
			: : Moderate, Area .	Affected	. 25%				
		aea, Extent 1 : Through		тујестей .	. 2370				
terior	Locuitor	i. Inrough	oui						
Floors									
Carpet	10%			2022	\$288,200	3	\$73,500	C	
Cast in Place Concrete	80%			LIFE	**	5	\$857,900	Č	
Ceramic Tile	5%			2032	* *	5	\$24,500	Č	
Terrazzo	5%			LIFE	* *	5	\$19,200	C	
Interior Walls									
Cast in Place Concrete	25%	Now	\$66,900	LIFE	* *			C	
	Cracking/	Crumbling,	Extent : Moderate	, Area Aj	ffected : 10%				
	Location	ı : Above W	indows, Stair 11, 1	oundatio	on				
	Paint Pee	ling, Exteni	: Moderate, Area	Affected	: 25%				
	Location	: Columns	,Throughout						
Cast in Place Concrete	55%			LIFE	* *			С	
Concrete Masonry Unit				LIFE	* *	5	\$800	Č	
Gypsum Board	10%			LIFE	* *	5	\$1,200	Č	

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

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

Asset #: 13424

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nterior								
Ceilings								
AcousTileSusp.Lay-In	10%			2036	* *	5	\$49,000	В
Exposed Concrete	20%	Now	\$188,000	LIFE	* *	5	\$15,300	В
_	Cracking/0	Crumbling,	Extent: Moderate	, Area Aj	ffected : 10%			
	Location	: North Tu	nnel Entrance, Thi	oughout				
	Exposed R	einforceme	ent, Extent : Moder	ate, Area	a Affected : 10%			
	Location	: North Tu	nnel Entrance, Thi	oughout	*			
	Paint Peel	ing, Extent	: Moderate, Area	Affected	: 25%			
		: Through		00				
<b>Exposed Concrete</b>	70%			LIFE	* *	5	\$53,600	В

lectrical	Current Repai	r Future Re	placement	Ma	aintenance	
ystem Component Type	% of Fail Date Esti Total (Years)	mated Cost Year Esti FY	mated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priorit Cod
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2043	* *	5	\$1,500	В
		: Moderate, Area Affected	: 100%			
	Location : Electrical Roc					
	Explanation : 3- Main Se	ervice Switches Rated @ 2-	4000 Amperes	s And 1-	3000 Amperes	
Transformers						
Dry Type	100%	2036	* *	5	\$1,200	В
		: Moderate, Area Affected	: 100%			
	Location : Electrical Roc					
	Explanation: 30 Kva, 15	Kva, 480/208/120 Volts				
Switchgear / Switchboard						
Fused Disc Sw	100%	2043	* *	5	\$1,500	В
Raceway						
Busway	5%	2036	* *	1		В
Conduit	20%	2043	* *	1		В
No Component	75%					D
Panelboards						
Fused Disc Sw	5%	2039	* *	5	\$400	В
Molded Case Bkrs	20%	2039	* *	5	\$1,700	В
No Component	75%					D
Wiring						
Busway	5%	2036	* *	1		В
Thermoplastic	20%	2043	* *	1		В
No Component	75%					D
Motor Controllers						
Locally Mounted	100%	2036	* *	5	\$2,200	В
round						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$4,800	В

Lighting

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

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

Asset #: 13424

Electrical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting						
Interior Lighting						
Fluorescent	10%	2028	**	10	\$30,000	В
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
Fluorescent	5%	2018	\$36,200	10	\$15,000	В
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%			
	Location: Throughout					
	Explanation: T-12 Lamps					
Fluorescent	5%	2028	* *	10	\$15,000	В
	Other Observation, Extent: Moderate,	Area Affe	ected : 100%			
	Location: Throughout The Building	-				
	Explanation: Compact Fluorescent I					
Incandescent	5%	2018	\$36,200	2	\$400	В
No Component	75%					D
Egress Lighting	50/	2020	ate ate	10	<b>#</b> 4 000	D
Emergency, Battery	5%	2028	* *	10	\$4,000	В
Exit, Service	5%	2028	* *	1		В
No Component	90%					D
Exterior Lighting	100%	2028	* *	10	¢1 000	В
HID A la	100%	2028		10	\$1,000	В
Alarm Security System						
No Component	90%					D
Generic	10%	2028	* *	1	\$12,300	В
Generic	Other Observation, Extent : Moderate,		ected : 100%	•	Ψ12,300	Ь
	Location : Corridor					
	Explanation: CCTV Cameras					
Fire/Smoke Detection	•					
No Component	75%					D
Generic	25%	2028	* *	1-3	\$50,500	В
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%			
	Location: Hallways					
	Explanation: Smoke Detectors, Man	ual Pull S	tations And Horns			

Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating								
Energy Source								
Natural Gas	35%			2033	* *	1		В
No Component	65%							D
Conversion Equipment								
Hot Water Boiler	35%			2028	* *	1	\$56,800	В
No Component	65%							D

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

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

Asset #: 13424

Mechanical		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Heating									
Distribution									
Hot Wtr Piping/Pump	35%			2039	* *	4	\$8,500	В	
No Component	65%							D	
Terminal Devices									
Air Handler	10%			2018	\$70,100	1	\$20,300	В	
			Extent : Light, Area	Affected	: 10%				
		_	Dock Level						
		tion : Servi	ce Dock Area						
Convector/Radiator	25%			2028	* *	1	\$26,500	В	
Fan Coil Unit/Heat	10%			2028	* *	1	\$10,600	В	
No Component	55%							D	
Ventilation									
Distribution	a =				-	<b>-</b> -	***	_	
Ductwork/Diffusers	10%			LIFE	* *	2-5	\$18,300	В	
No Component	90%							D	
Exhaust Fans									
Interior	5%			2028	* *	2	\$500	В	
Roof	5%			2028	* *	2	\$500	В	
No Component	90%							D	
Plumbing									
H/C Water Piping								_	
Galv Iron/Steel	35%			2036	* *	1		В	
No Component	65%							D	
Water Heater							<b></b>	_	
Electric	35%			2021	\$20,200	4	\$700	В	
No Component	65%							D	
Sanitary Piping	<b>2 =</b> 2.				de de				
Cast Iron	35%			LIFE	* *	1		В	
No Component	65%							D	
Storm Drain Piping	1000/				de de				
Cast Iron	100%			LIFE	* *	1		В	
Backflow Preventer								_	
No Component	65%			2020	de de		Φ= 100	D	
Generic	35%			2028	* *	1	\$7,100	В	
Fixtures	1.000/							ъ	
Generic	100%							В	
Vertical Transport									
Elevators	250/			LIEE	* *			C	
Gearless Traction	35%			LIFE	* *			C	
No Component	65%							D	
Fire Suppression									
Standpipe	CE01							<b>D</b>	
No Component	65%			20.42	ale ale	1.5	Φ.5.7.000	D	
Generic	35%			2043	* *	1-5	\$57,900	В	
Sprinkler	CF01							Б	
No Component	65%			20.42		1.2	¢22.200	D	
Generic	35%			2043	* *	1-2	\$32,200	В	

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

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

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

Mechanical	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	Estimated Cost	Priority Code
Fire Suppression Fire Pump							
No Component	65%						D
Generic	35%		2032	* *	1	\$21,500	В

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#### Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$7,279,900	\$26,353,600
Interior Architecture	\$462,800	\$6,451,800
Electrical	\$5,771,700	\$741,100
Mechanical	\$555,500	\$7,332,400
Total	\$14,069,800	\$40,878,900
Priority A	\$7,279,900	\$26,353,600
Priority B	\$6,722,200	\$8,589,800
Priority C	\$67,700	\$5,935,500
Total	\$14,069,800	\$40,878,900

Total	\$679,700	\$634,600	\$708,900	\$606,000
Priority C		\$67,700	\$76,200	
Priority B	\$679,700	\$566,900	\$632,700	\$605,100
Priority A				\$900
Total	\$679,700	\$634,600	\$708,900	\$606,000
Elevators/Escalators	\$239,800	\$239,800	\$239,800	\$239,800
Mechanical	\$385,300	\$256,100	\$320,800	\$295,400
Electrical	\$54,600	\$71,000	\$72,100	\$69,900
Interior Architecture		\$67,700	\$76,200	
Exterior Architecture				\$900
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

rchitecture	Current R	epair	Futur	e Replacement	М	aintenance			
estem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
terior									
Exterior Walls					_				
Cast in Place Concrete	20% Now	\$515,600	LIFE	**	5	\$803,100	A		
	Cracking/Crumbling,			fected: 10%					
	Location : Atrium Walls And Balconies  Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
	Location : Mechanic		aie, Area	Affectea : 20%					
	Staining/Discoloring,		AraaA	facted . 35%					
	Location : Atrium W			gecieu . 5570					
	Vertical Cracks, Exten			20%					
	Location : Atrium W		gjeerea .	2070					
Cast in Place Concrete	60%		LIFE	* *	5	\$2,409,300	A		
Metal Panel	5%		2033	* *	5-10	\$276,100	A		
Metal Coiling Doors	10%		2028	* *	5	\$251,000	A		
Window Wall	5%		2043	* *	5	\$150,600	A		
Windows									
Metal Louvers	10%		2032	* *	10	\$233,000	A		
Steel	90% Now	\$5,854,200	2022	\$19,513,900	5	\$2,097,400	A		
	Air Infiltration, Extent : Moderate, Area Affected : 50%								
	Location: Throughout								
	Deteriorated Finish, Extent: Moderate, Area Affected: 50%								
	Location: Througho								
	Glazing Broken/Crack Location : Througho		rate, Are	a Affected : 15%					
	Thermally Inefficient,	Extent : Moderate	, Area Aj	ffected : 100%					
	Location: Througho	ut							
Parapets									
Cast in Place Concrete	28% Now	\$85,200	LIFE	* *	5	\$70,500	Α		
	Cracking/Crumbling,								
	Location: North And	-							
	Vertical Cracks, Extendant Location : North And								
Cast in Place Concrete	70%	1	LIFE	* *	5	\$176,400	A		
Metal Panel	2%		2043	* *	5	\$1,900	A		

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

Asset #: 13425

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Exterior								I	
Roof									
Paver: Asphalt	15%		\$208,900	2026	* *			A	
	_	_	Extent: Moderate	, Area Aj	ffected : 20%				
		: Over Ba		4 66	. 1 100/				
		ı Growth, E ı : Over Ba.	Extent : Moderate, 1	Area Affe	ected : 10%				
			semeni Extent : Moderate, A	raa Affa	otad + 100%				
		ı : Over Ba		неи Ајје	ciea . 1070				
Single Dly Membrane	10%	· · Over Bui	,emeni	2023	\$240,400	10	\$68,000	A	
Single Ply Membrane Spray-on Foam	75%			2023	\$240,400 * *	5	\$680,000	A	
Spray-on Foam		nair Fyider	nt Extent : Light A			3	\$000,000	Λ	
	Recent Repair Evident, Extent : Light, Area Affected : 25%  Location : Throughout								
		Other Observation, Extent : Moderate, Area Affected : 100%							
		: Through		33					
	Explana	tion : Balla	st Over Roofing. Ti	here Is A	n Original Steel St	ructure A	Above The Atrium		
	Open To	The Sky							
Interior									
Floors	<b>5</b> 0/			2022	\$70 <i>C</i> 200	2	¢202 100	C	
Carpet Cast in Place Concrete	5% 65%			2022 LIFE	\$796,200 * *	3 5	\$203,100 \$550,200	C C	
Cast in Frace Concrete Ceramic Tile	5%			2032	* *	5	\$135,400	C	
Terrazzo	5%			LIFE	* *	5	\$105,800	C	
Vinyl Tile	20%			2023	\$5,135,700	3	\$203,100	Č	
Interior Walls					1-,,		,,		
Cast in Place Concrete	70%			LIFE	* *			C	
Ceramic Tile	2%			2032	* *	5	\$16,900	C	
Concrete Masonry Unit	10%			LIFE	* *	5	\$33,900	C	
Glass: Single Pane	3%			LIFE	* *	5	\$19,100	C	
Gypsum Board	15%			LIFE	* *	5	\$76,200	C	
Ceilings									
AcousTileSusp.Lay-In	10%			2036	* *	5	\$270,800	В	
Exposed Concrete	85%		Φ <b>2.5</b> 0. <b>5</b> 00	LIFE	* *	5	\$359,700	В	
Exposed Concrete	5%		\$259,700	LIFE		5	\$21,200	В	
	_	_	Extent : Moderate at Under Ramps	, Area Aj	дестеа : 10%				
			u Onaer Kamps ent, Extent : Moder	ata Ara	Affected · 100/				
	-	-	ent, Extent . Moder at Ceiling Near Atr		11111естей . 10/0				
			xtent : Moderate, A		cted : 10%				
		: Basemen							

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

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

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

Asset #: 13425

Current Repair	Future	Replacement	M				
% of Fail Date Estimated Co Total (Years)	st Year I FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
			3	\$13,500	В		
	te, Area Affect	ted : 100%					
	W-14- / 400 W-	1					
Explanation : 2- 2500 Kva, 2/000	Volts / 480 Vo	otts					
10004					D		
100%					ע		
1000/	2022	\$1,000	1		В		
100%	2022	\$1,000	1		Б		
10004	2023	\$3.500	1		В		
10070	2023	\$5,500	1		ъ		
50%	2023		5	\$4.100	В		
		ted · 100%	3	φ+,100	Ъ		
	ie, 111eu 11jjeci	ieu . 10070					
	in Service Sw	itches					
			5	\$4.100	В		
			3	\$4,100	Б		
	іе, Агей Ајјесі	iea . 100%					
	in Camica Cu	itahas					
Explanation : 4- 3000 Amperes into	un service sw	uches					
100%	2021	\$13,000	5	\$6.800	В		
			3	\$0,800	Ъ		
· ·	va 1- 30 Kva						
Ехрининоп : 3 110 км, 1 112 к	.va, 1 30 Rva	·					
100%	2023		5	\$8 100	В		
10070	2023			ψ0,100			
90%	2023		1		В		
		* *	1		В		
1070							
10%	2022		5	\$4 200	В		
					В		
		* *			В		
20,0	2001			ψ 1,000			
40%	2033	* *	1		В		
40% 60%	2033 2023	* *	1 1		B B		
40% 60%	2033 2023	**	1		B B		
		* *	1 1 5	\$8,500			
	100% Other Observation, Extent: Moderat Location: Electrical Room Explanation: 2- 2500 Kva, 27000  100%  100%  50% Other Observation, Extent: Moderat Location: Electrical Room I Explanation: 2- 4000 Amperes Mat 50% Other Observation, Extent: Moderat Location: Electrical Room 2 Explanation: 4- 5000 Amperes Mat 100% Other Observation, Extent: Moderat Location: Roof	Wof Total (Years)   Stimated Cost Total (Years)   Year FY	100%   2021   \$33,300	Note   Fail Date   Estimated Cost   Year   Estimated Cost   Cycle   Total   (Years)	No of Total   Fail Date   Estimated Cost   Year   Estimated Cost   Cycle   (Yrs)		

Ground

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

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

Asset #: 13425

Electrical	Current Repair	Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	Estimated Cost	Priority Code	
Ground							
Grounding Devices							
Generic	50%	LIFE	* *	5	\$13,400	В	
Generic	50% 2-4 \$50	) LIFE	* *	5	\$13,400	В	
	Other Observation, Extent : Moderat	e, Area Affe	ected : 100%				
	Location: Basement						
	Explanation: Corroded						
Lighting							
Interior Lighting							
Fluorescent	100%	2018	\$4,001,000	10	\$1,659,900	В	
	Other Observation, Extent : Moderat		ected : 100%				
	Location: Throughout The Building	3					
	Explanation: T-12 Lamps						
Egress Lighting							
Emergency, Battery	50%	2023	\$373,200	10	\$218,500	В	
Exit, Service	50%	2023	\$149,300	1		В	
Exterior Lighting							
HID	100%	2018	\$110,700	10	\$5,800	В	
Alarm							
Security System							
No Component	70%					D	
Generic	30%	2028	* *	1	\$203,100	В	
	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location: Hallways						
	Explanation: CCTV Cameras						
Fire/Smoke Detection							
No Component	70%					D	
Generic	30%	2028	* *	1-3	\$335,200	В	
	Other Observation, Extent: Moderate, Area Affected: 100%						
	Location : Hallways						
	Explanation: Strobe Lights, Smoke	Detectors,	Horns And Manua	l Pull Sta	ation		

Current Repair	Future	Replacement	M	aintenance	
% of Fail Date Estimate Total (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
10%	2033	* *	1		В
90%	2033	* *	1		В
90%	2028	* *	1	\$807,500	В
Other Observation, Extent: Light, Area Affected: 100%					
Location : Boilers Rooms					
Explanation: 72 Gas Fired Hot Water Boilers					
10%	2023	\$903,700	2	\$84,000	В
Other Observation, Extent : Light, Area Affected : 100%					
Location : Throughout Common Areas  Explanation : Electric Unit Heaters And Base Board Radiant Heaters					

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

Estimates are rounded to the nearest hundred dollars.

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

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

Asset #: 13425

System Component Type  Heating Distribution Hot Wtr Piping/Pump Terminal Devices Convector/Radiator Fan Coil Unit/Heat  Distribution  Wears  100%  100%  100%  100%  100%  Terminal Devices Convector/Radiator Fan Coil Unit/Heat  20%  Other Observation, Extent: Light, Location: Throughout Tenant St Explanation: Hot Water Unit Hot	2039  2028 2023 \$6,1-  Area Affected: 100%  orge Areas		Yrs)  4 1 1	\$134,100 \$468,600	Priority Code
Distribution Hot Wtr Piping/Pump 100%  Terminal Devices Convector/Radiator Fan Coil Unit/Heat 20% Other Observation, Extent: Light, Location: Throughout Tenant Si	2028 2023 \$6,1 Area Affected : 100% orge Areas	* *	1		В
Hot Wtr Piping/Pump  Terminal Devices  Convector/Radiator Fan Coil Unit/Heat  20%  Other Observation, Extent: Light, Location: Throughout Tenant Si	2028 2023 \$6,1 Area Affected : 100% orge Areas	* *	1		В
Terminal Devices Convector/Radiator Fan Coil Unit/Heat 20% Other Observation, Extent: Light, Location: Throughout Tenant St	2028 2023 \$6,1 Area Affected : 100% orge Areas	* *	1		В
Convector/Radiator 80% Fan Coil Unit/Heat 20% Other Observation, Extent: Light, Location: Throughout Tenant Si	2023 \$6,1 Area Affected : 100% orge Areas			\$468,600	
Fan Coil Unit/Heat 20% Other Observation, Extent: Light, Location: Throughout Tenant Si	2023 \$6,1 Area Affected : 100% orge Areas	46,900			В
Other Observation, Extent : Light, Location : Throughout Tenant Si	Area Affected : 100% orge Areas	. 0,5 00	-	\$117,100	В
	_			Ψ117,100	-
Explanation : Hot Water Unit H.	aters				
Air Conditioning					
Energy Source	2020	* *	1		D
Electricity 100%	2039	* *	1		В
Conversion Equipment Ext Pkg Unit - Cooling 5%	2033	* *	2	\$5,600	В
Other Observation, Extent: Light,			2	\$5,000	Б
Location: Roof	neurggeeteu : 10070				
Explanation : Newly Commission	ed Split Units,Condensi	ng Unit			
No Component 95%		0			D
Terminal Devices					
Fan Coil - Cooling 5%	2033	* *	1	\$29,300	В
Other Observation, Extent : Light,					
Location : Elevator Equipment F					
Explanation : Newly Commission	ed Split Unit, Fan Coil S	Section			
No Component 95%					D
Ventilation					
Distribution	LIEE	* *	2.5	¢100 000	D
Ductwork/Diffusers 10% No Component 90%	LIFE		2-5	\$100,900	B D
Exhaust Fans	_				<u>D</u>
Interior 10%	2028	* *	2	\$5,600	В
No Component 90%	2020		-	ψ2,000	D
Plumbing					
H/C Water Piping					
Brass/Copper 100%	2043	* *	1		В
Water Heater					
Electric 100%		18,500	4	\$10,800	В
Other Observation, Extent: Light,					
Location: Near Each Tenant Wo					
Explanation : One Unit Per Tendon Sanitary Piping	и ѕрасе				
Cast Iron 100%	LIFE	* *	1		В
Storm Drain Piping	LII L		1		<u></u>
Cast Iron 100%	LIFE	* *	1		В
Backflow Preventer	<u> </u>				
Generic 100%	2028	* *	1	\$111,700	В

Vertical Transport

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

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

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Vertical Transport				
Elevators				
Geared Traction	100%	LIFE **		C
	Other Observation, Extent : Light, Area	a Affected : 100%		
	Location: B-8	-		
	Explanation : 9 Pass,18 Freight, Rece of 9 Passenger Elevators	nt Upgrade Observed On 4		
Fire Suppression				
Standpipe				
Generic	100%	2033 **	1-5 \$948,000	В
Sprinkler				
Generic	100%	2033 **	1-2 \$507,800	В
Fire Pump				
Generic	100%	2026 **	1 \$338,600	В

#### Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 28-Jun-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 819 Lot : 1 BIN : 3255737

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$515,500	\$41,000
Interior Architecture	\$136,300	\$386,200
Electrical	\$344,200	\$205,100
Mechanical		\$1,101,600
Total	\$996,100	\$1,734,000
Priority A	\$515,500	\$41,000
Priority B	\$390,200	\$1,306,700
Priority C	\$90,300	\$386,200
Total	\$996,100	\$1,734,000

Total	\$54,600	\$25.500	\$92,100	\$21,200
Priority C		\$1,700		
Priority B	\$21,700	\$23,800	\$63,900	\$21,200
Priority A	\$32,900		\$28,200	
Total	\$54,600	\$25,500	\$92,100	\$21,200
Mechanical	\$10,200	\$16,800	\$17,100	\$15,300
Electrical	\$11,500	\$7,000	\$15,700	\$5,900
Interior Architecture		\$1,700	\$31,200	
Exterior Architecture	\$32,900		\$28,200	
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

Architecture	Current Repair		Futur	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Exterior									
Exterior Walls	<b>5</b> 0/			T TEE	ale ale	-	Φ20. 500		
Cast in Place Concrete	5%		Endand : Links	LIFE	**	5	\$20,500	Α	
	-	ห <i>einjorcem</i> ı : South Fa	ent, Extent : Light, .	Area А <u></u> ӈе	естеа : 1%				
			асше	2022	<b>#10.000</b>	10	Φ7.700		
Cement-Fiber Panel	3%			2022	\$19,800 * *	10	\$7,700	A	
Concrete Masonry Unit	52%	N	\$27,400	LIFE	**	5	\$26,700	A	
Masonry: Brick	20%		\$27,400	LIFE		5	\$16,400	A	
		Cracking/Crumbling, Extent : Moderate, Area Affected : 15% Location : At Base Course Throughout Loading Dock							
			Damage, Extent : Li	_					
		-	Course Throughou	_					
Metal Panel	10%			2042	**	5-10	\$56,400	A	
Metal Coiling Doors	10%			2042	* *	5	\$25,600	A	
Windows	1070			2021			Ψ23,000	А	
Aluminum	100%	Now	\$455,000	2030	* *	5	\$15,800	A	
1 11 11 11 11 11 11 11 11 11 11 11 11 1			t, Extent : Severe, A		eted : 100%	Ü	Ψ10,000		
	-	ı : Through		33					
	Caulking.	Deteriorate	ed, Extent : Modera	te, Area	Affected : 100%				
	Location	ı : Through	nout						
	Water Per	netration, E	Extent : Moderate, A	Area Affe	cted : 10%				
	Location	ı : Various	Areas						
Roof									
Modified Bitumen	90%	Now	\$60,500	2027	* *			A	
			Extent : Moderate, A	Area Affe	cted : 10%				
	Location	ı : Various	Areas						
Spray-on Foam	10%	Now	\$5,500	2027	* *	5	\$12,500	A	
			Extent : Moderate, A	Area Affe	cted : 10%				
			Dock Canopy						
	Explana	tion : Bird	Damage						
nterior									
Floors			400.400			_	<b>**</b> ** <b>**</b> ** ** ** ** ** ** ** ** ** ** ** **	_	
Cast in Place Concrete		Now	\$90,300	LIFE	**	5	\$260,700	С	
	_	_	, Extent : Severe, A	rea Affec	ted : 5%				
		ı : Loading	Dock						
Vinyl Tile	10%			2022	\$125,500	3	\$5,000	С	
Interior Walls	48					_	<b>***</b>	~	
Concrete Masonry Unit	40%			LIFE	* *	5	\$13,300	C	
Fiberglass Panel	60%			LIFE	* *			C	

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

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

Asset #: 2431

Architecture	Current Re	pair	Futur	e Replacement	М	aintenance				
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code			
Interior										
Ceilings										
AcousTileSusp.Lay-In	25% Now	\$46,000	2027	* *	5	\$17,300	В			
	Broken/Missing Eleme	Broken/Missing Elements, Extent: Moderate, Area Affected: 15%								
	Location: Offices									
	Staining/Discoloring, Extent: Moderate, Area Affected: 60%									
	Location: Offices									
	Worn/Eroded, Extent:	Moderate, Area A	Affected .	: 100%						
	Location: Throughou	ut								
AcousTileSusp.Lay-In	45%		2027	* *	5	\$62,300	В			
1 3	Other Observation, Ex	tent : Moderate, A	rea Affe	cted : 100%		. ,				
	Location: Meat Packing Areas									
	Explanation : Special	l Laminated Lav-i	n Tiles F	For Food Service C	Cold Room	ms				
Exposed Struc: Steel	30%		LIFE	* *			В			
Emposed Surder Steer	Water Penetration, Ext	tent : Severe. Area		d:5%			-			
				/ -						
	Location : Electrical			a : 5%						

% of I Total	Fail Date Estimated (	7 4 \$7					
	(Years)	Cost Yea		<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
100%		203	32	* *	5	\$400	В
Other Obse	rvation, Extent : Mode	rate, Area A	Affec	cted : 100%			
Location:	Basement						
Explanation	on : Service Size - 2000	Amps					
100%		202	20	\$13,900	5	\$300	В
100%		202	22	\$49,400	5	\$400	В
100%		202	22	\$57,000	1		В
20%		202	21	\$7,900	5	\$400	В
80%		202	21	\$31,400	5	\$1,800	В
100%		202	22	\$43,800	1		В
100%		202	20	\$54,800	5	\$600	В
75%				* *	5	\$900	В
25%	0-2 \$2	200 LIF	E	* *	5	\$300	В
Other Obse	rvation, Extent : Mode	rate, Area A	Affec	cted : 100%			
Location:	: Water Main						
Explanation	on : Corroded						
	Other Obse Location: Explanation 100% 100% 100% 20% 80% 100% 100% 75% 25% Other Obse Location:	Other Observation, Extent: Model Location: Basement Explanation: Service Size - 2000 100% 100% 100% 20% 80% 100% 100%	Other Observation, Extent : Moderate, Area A Location : Basement           Explanation : Service Size - 2000 Amps           100%         202           100%         202           100%         202           20%         202           80%         202           100%         202 <td>Other Observation, Extent : Moderate, Area Affect           Location : Basement         Explanation : Service Size - 2000 Amps           100%         2020           100%         2022           100%         2022           20%         2021           80%         2021           100%         2022           100%         2022           100%         2022           100%         2020           100%         2020           100%         2020           100%         2020           100%         2020           100%         2020</td> <td>Tother Observation, Extent : Moderate, Area Affected : 100%         Location : Basement       Explanation : Service Size - 2000 Amps         100%       2020       \$13,900         100%       2022       \$49,400         100%       2022       \$57,000         20%       2021       \$7,900         80%       2021       \$31,400         100%       2022       \$43,800         100%       2020       \$54,800         T5%       LIFE       **         25%       0-2       \$200       LIFE       **         Other Observation, Extent : Moderate, Area Affected : 100%       Location : Water Main</td> <td>Other Observation, Extent : Moderate, Area Affected : 100%         Location : Basement       Explanation : Service Size - 2000 Amps         100%       2020       \$13,900       5         100%       2022       \$49,400       5         100%       2022       \$57,000       1         20%       2021       \$7,900       5         80%       2021       \$31,400       5         100%       2022       \$43,800       1         100%       2020       \$54,800       5         75%       LIFE       **       5         25%       0-2       \$200       LIFE       **       5         Other Observation, Extent : Moderate, Area Affected : 100%       Location : Water Main</td> <td>2032       3       3400         Other Observation, Extent: Moderate, Area Affected: 100%         Location: Basement       Explanation: Service Size - 2000 Amps         100%       2020       \$13,900       5       \$300         100%       2022       \$49,400       5       \$400         100%       2022       \$57,000       1         20%       2021       \$7,900       5       \$400         80%       2021       \$31,400       5       \$1,800         100%       2022       \$43,800       1         100%       2020       \$54,800       5       \$600         75%       LIFE       **       5       \$900         25%       0-2       \$200       LIFE       **       5       \$300         Other Observation, Extent: Moderate, Area Affected: 100%         Location: Water Main</td>	Other Observation, Extent : Moderate, Area Affect           Location : Basement         Explanation : Service Size - 2000 Amps           100%         2020           100%         2022           100%         2022           20%         2021           80%         2021           100%         2022           100%         2022           100%         2022           100%         2020           100%         2020           100%         2020           100%         2020           100%         2020           100%         2020	Tother Observation, Extent : Moderate, Area Affected : 100%         Location : Basement       Explanation : Service Size - 2000 Amps         100%       2020       \$13,900         100%       2022       \$49,400         100%       2022       \$57,000         20%       2021       \$7,900         80%       2021       \$31,400         100%       2022       \$43,800         100%       2020       \$54,800         T5%       LIFE       **         25%       0-2       \$200       LIFE       **         Other Observation, Extent : Moderate, Area Affected : 100%       Location : Water Main	Other Observation, Extent : Moderate, Area Affected : 100%         Location : Basement       Explanation : Service Size - 2000 Amps         100%       2020       \$13,900       5         100%       2022       \$49,400       5         100%       2022       \$57,000       1         20%       2021       \$7,900       5         80%       2021       \$31,400       5         100%       2022       \$43,800       1         100%       2020       \$54,800       5         75%       LIFE       **       5         25%       0-2       \$200       LIFE       **       5         Other Observation, Extent : Moderate, Area Affected : 100%       Location : Water Main	2032       3       3400         Other Observation, Extent: Moderate, Area Affected: 100%         Location: Basement       Explanation: Service Size - 2000 Amps         100%       2020       \$13,900       5       \$300         100%       2022       \$49,400       5       \$400         100%       2022       \$57,000       1         20%       2021       \$7,900       5       \$400         80%       2021       \$31,400       5       \$1,800         100%       2022       \$43,800       1         100%       2020       \$54,800       5       \$600         75%       LIFE       **       5       \$900         25%       0-2       \$200       LIFE       **       5       \$300         Other Observation, Extent: Moderate, Area Affected: 100%         Location: Water Main

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.

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

Asset #: 2431

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year I FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Stand-by Power						
Transfer Switches						
Automatic	100% Now \$10,86	00 2042	* *	1	\$23,600	В
	Not in Service, Extent : Moderate, A	Area Affected :	100%			
	Location: Electrical Room					
Generators						
Diesel	100% Now \$73,0	00 2037	* *	1	\$29,600	В
	Not in Service, Extent : Moderate, A	Area Affected :	100%			
	Location: Electrical Room					
Lighting						
Interior Lighting						
Fluorescent	98%	2017	\$191,700	10	\$79,500	В
	Other Observation, Extent: Modera	ate, Area Affect	ted : 100%			
	Location: Throughout					
	Explanation: T-12 Lamps					
Incandescent	2%	2017	\$3,900	2		В
Exterior Lighting						
HID	100%	2017	\$5,200	10	\$300	В

Mechanical	Cur	rent Repair	Futur	Future Replacement		Maintenance	
System Component Type		Date Estimated Cost ears)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Energy Source Interruptible Gas/Dual Fuel	100%		2032	* *	1		В
Conversion Equipment							
Hot Water Boiler	100%		2027	* *	1	\$43,900	В
		ion, Extent : Light, Area	Affected	: 100%			
		echanical Room					
	Explanation:	2 Units					
Distribution							
Hot Wtr Piping/Pump	100%		2030	* *	4	\$4,400	В
Terminal Devices							
Air Handler	50%		2022	\$270,500	1	\$27,400	В
Fan Coil Unit/Heat	50%		2022	\$751,300	1	\$14,300	В
Ventilation							
Distribution							_
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$49,300	В
Exhaust Fans							_
Roof	100%		2022	\$79,800	2	\$2,700	В
Plumbing H/C Water Piping							
Brass/Copper	70%		2042	* *	1		В
Galv Iron/Steel	30%		2027	* *	1		В
HW Heat Exchanger							
Low Temp	100%		2032	* *	4	\$13,200	В

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

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

Mechanical		Current F	Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)								
Rigid Piping	100%			2022	\$10,300	4	\$1,300	В
Fixtures								
Generic	100%							В
Fire Suppression								
Sprinkler								
Generic	100%			2042	* *	1-2	\$24,800	В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 28-Jun-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 819 Lot : 1 BIN : 3378176

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$680,800	\$35,200
Interior Architecture	\$360,800	\$243,300
Electrical	\$139,900	\$140,300
Mechanical		\$1,357,100
Total	\$1,181,400	\$1,775,900
Priority A	\$680,800	\$35,200
Priority B	\$139,900	\$1,497,400
Priority C	\$360,800	\$243,300
Total	\$1,181,400	\$1,775,900

Total	\$91,900	\$13,100	\$55,400	\$14,900
Priority C	\$51,500	\$1,300		\$4,400
Priority B	\$40,400	\$11,700	\$48,400	\$10,500
Priority A			\$7,100	
Total	\$91,900	\$13,100	\$55,400	\$14,900
Mechanical	\$6,200	\$11,300	\$10,800	\$10,500
Electrical	\$800	\$400	\$15,000	
Interior Architecture	\$84,900	\$1,300	\$22,600	\$4,400
Exterior Architecture			\$7,100	
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

Asset #: 2432

rchitecture	Current Repair Future Replacement Maintenance								
estem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
terior	•								
Exterior Walls									
Cast in Place Concrete	5%			LIFE	* *	5	\$14,700	Α	
Cement-Fiber Panel	3%			2022	\$14,100	10	\$5,500	Α	
Concrete Masonry Unit	27%		\$109,600	LIFE	* *	5	\$9,900	A	
	_	_	Extent : Severe, A	rea Affec	eted : 5%				
			West Facades		A CC . 1 150/				
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%  Location : West Facade								
				ffootod.	150/				
		racks, Exte 1 : East Fac	nt : Severe, Area A ade	<i>пестеа</i> :	13%				
Masonry: Brick	60%	Now	\$58,900	LIFE	* *	5	\$35,200	A	
	Broken/M	issing Elem	ents, Extent : Seve	re, Area	Affected : 5%				
	Location	n : 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	\$35,800	2027	* *	5	\$4,600	A	
	_		ts, Extent : Severe,	Area Afj	fected : 25%				
		ı : Through							
		_	xtent : Severe, Ared	a Affecte	d : 25%				
			Roll Down Doors	1.00	1 250/				
	-		tent : Severe, Area	Affected	d : 25%				
****	Location	ı: Through	Out						
Windows	0.50/	Now	\$291.200	2020	* *	5	¢12 200	٨	
Aluminum	95%		\$381,300 Extent : Severe, A	2030		5	\$13,300	A	
	-		Extent . Severe, A	геи Ајјес	.iea . 10070				
	Location : Offices Caulking Deteriorated, Extent : Moderate, Area Affected : 100%								
	_	า : Through		ie, meu	Пусски : 10070				
		_	xtent : Moderate, A	rea Affe	cted · 10%				
		ı : Various 1		1100111990	cica : 1070				
Metal Louvers	5%			2031	* *	10	\$8,700	A	
Roof	370			2001		10	ψ0,700	11	
Modified Bitumen	90%			2027	* *	10	\$95,300	A	
Spray-on Foam	10%			2027	* *	5	\$14,100	A	
1 2			xtent : Moderate, A		ected : 10%		. , , , , ,		
			Dock Canopy						
	Explana	tion : Bird I	Damage - Holes In	Surface					

Interior

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

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

Asset #: 2432

Curre	Current Repair		Future Replacement		Maintenance		
		Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Staining/Discolor Location : Office	ing, Extent : Severe, A es		\$51,500 cted: 100%	3	\$13,100	С	
Location : Offic	es						
Cracking/Crumbl	ing, Extent : Moderat		* * ffected : 10%	5	\$143,700	С	
Broken/Missing E	Elements, Extent : Mod	LIFE derate, Ar	* * ea Affected : 40%	1		С	
12%		2022	\$99,600	3	\$3,900	С	
Loose/Miss Faste Location : Inter Misaligned/Bulgi	ners, Extent : Modera ior ng, Extent : Moderate			5	\$21,300	С	
Broken/Missing E	Elements, Extent : Mod	2035 derate, Ar	* * ea Affected : 15%	5	\$12,600	В	
		e, Area Aj	ffected : 50%				
Location : Meat	Packing Areas			5 ld Rooms	\$45,200	В	
	10% Now Staining/Discolor Location : Office Wrinkling, Extent Location : Office 75% Now Cracking/Crumble Location : Throi 3% Now Broken/Missing E Location : Steel 12%  100% Now Loose/Miss Faster Location : Interi Misaligned/Bulgin Location : Interi 25% Now Broken/Missing E Location : Office Staining/Discolor Location : Office 45% Other Observation Location : Meat	10% Now \$51,500 Staining/Discoloring, Extent: Severe, A Location: Offices Wrinkling, Extent: Severe, Area Affecte Location: Offices 75% Now \$99,500 Cracking/Crumbling, Extent: Moderate Location: Throughout Loading Dock 3% Now \$60,700 Broken/Missing Elements, Extent: Moderate Location: Steel Stairs 12%  100% Now \$200,600 Loose/Miss Fasteners, Extent: Moderate Location: Interior Misaligned/Bulging, Extent: Moderate Location: Interior  25% Now \$33,400 Broken/Missing Elements, Extent: Moderate Location: Offices Staining/Discoloring, Extent: Moderate Location: Offices 45% Other Observation, Extent: Moderate, Location: Meat Packing Areas	10% Now \$51,500 2024  Staining/Discoloring, Extent: Severe, Area Affect Location: Offices  Wrinkling, Extent: Severe, Area Affected: 20% Location: Offices  75% Now \$99,500 LIFE Cracking/Crumbling, Extent: Moderate, Area Affected: 3% Now \$60,700 LIFE Broken/Missing Elements, Extent: Moderate, Area Affected: 2022  100% Now \$200,600 LIFE Loose/Miss Fasteners, Extent: Moderate, Area Affected: 2022  100% Now \$200,600 LIFE Loose/Miss Fasteners, Extent: Moderate, Area Affected: Missing Elements, Extent: Moderate, Area Affected: Missing Elements, Extent: Moderate, Area Affected: Moderate, Area Aff	Now   \$51,500   2024   \$51,500	Year   Estimated Cost   Year   Estimated Cost   Cycle   (Yrs)	% of Total   Fail Date   Estimated Cost   FY   Estimated Cost   Cycle   (Yrs)	

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2022	\$28,500	5	\$300	В
	Other Observation, Extent: Moderate,	Area Affe	ected : 100%			
	Location: 2nd Floor					
	Explanation : Service Size - 2000 Amp	os.				
Transformers						
Dry Type	100%	2020	\$13,900	5	\$200	В
Switchgear / Switchboard						
Fused Disc Sw	100%	2022	\$103,800	5	\$300	В
Raceway						
Conduit	100%	2022	\$33,000	1		В

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

Estimates are rounded to the nearest hundred dollars.

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

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

Electrical	Current Repair	Future I	Replacement	Maintenance			
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year E FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Under 600 Volts							
Panelboards							
Molded Case Bkrs	50%	2021	\$36,500	5	\$900	В	
Molded Case Bkrs	50%	2030	* *	5	\$900	В	
Wiring							
Thermoplastic	70%	2022	\$20,800	1		В	
Thermoplastic	30%	2032	* *	1		В	
Motor Controllers							
Locally Mounted	100%	2020	\$21,100	5	\$400	В	
Ground							
Grounding Devices							
Not Accessible	100%					D	
Lighting							
Interior Lighting							
Fluorescent	98%	2017	\$87,300	10	\$52,600	В	
	Other Observation, Extent: Moderat	Other Observation, Extent : Moderate, Area Affected : 100%					
	Location : Throughout						
	Explanation: T-12 Lamps						
Incandescent	2%	2017	\$1,800	2		В	
Exterior Lighting							
HID	100%	2017	\$12,700	10	\$200	В	

Mechanical	Current Repa	air Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating						
Energy Source						
Interruptible Gas/Dual Fuel	100%	2032	* *	1		В
Conversion Equipment						
Hot Water Boiler	100%	2027	* *	1	\$29,000	В
	Other Observation, Exten	t : Light, Area Affected	: 100%			
	Location: Mechanical	Room				
	Explanation: 2 Units					
Distribution						
Hot Wtr Piping/Pump	100%	2030	* *	4	\$2,900	В
Terminal Devices						
Air Handler	20%	2022	\$71,600	1	\$7,300	В
Fan Coil Unit/Heat	80%	2022	\$795,100	1	\$15,200	В
Air Conditioning						
Energy Source						
Electricity	100%	2030	* *	1		В

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

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

Mechanical	Current I	rent Repair Fu		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Air Conditioning							
Conversion Equipment	1000/		2022	<b>4.25 5</b> 00		Φ2 500	-
Ext Pkg Unit -	100%		2022	\$437,700	2	\$3,600	В
Heating/Cooling	Other Observation I	Extent : Light Anga A	ffootod	. 1000/			
	Other Observation, E Location : Through		<i></i> Јјестеа	: 100%			
		oui ystems Are Used For	Rofria	aration			
Ventilation	Explanation . Att 5	ysiems Are Oseu For	Kejrig	eranon			
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$32,600	В
Exhaust Fans						, , , , , , , , , , , , , , , , , , , ,	
Roof	100%		2022	\$52,800	2	\$1,800	В
Plumbing							
H/C Water Piping							
Brass/Copper	70%		2042	* *	1		В
Galv Iron/Steel	30%		2027	* *	1		В
HW Heat Exchanger							
Low Temp	100%		2032	* *	4	\$8,700	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Sump Pump(s)							
Rigid Piping	100%		2022	\$10,300	4	\$1,300	В
Fixtures							
Generic	100%						В
Fire Suppression							
Sprinkler	400					<b></b>	_
Generic	100%		2032	* *	1-2	\$16,400	В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 27-Jul-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 819 Lot : 1 BIN : 3378177

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$64,300	\$220,600
Electrical		\$86,600
Mechanical	\$55,400	
Total	\$119,700	\$307,200
Priority A	\$64,300	\$220,600
Priority B	\$55,400	\$86,600
Total	\$119,700	\$307,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$95,400			
Interior Architecture	\$30,900		\$2,800	\$1,800
Electrical	\$100	\$100	\$1,300	
Mechanical	\$1,100	\$7,200	\$4,000	\$300
Total	\$127,500	\$7,200	\$8,000	\$2,100
Priority A	\$95,400			
Priority B	\$12,200	\$7,200	\$8,000	\$300
Priority C	\$19,900			\$1,800
Total	\$127.500	\$7,200	\$8,000	\$2,100



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

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

Architecture	Current R	lepair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year E FY	stimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior			•				•
Exterior Walls Cement-Fiber Panel	40% Now Broken/Missing Elem Location : South Fa Cracking/Crumbling, Location : South Fa	cade Extent : Severe, A					A
Stucco Cement	60% Now Cracking/Crumbling, Location: Through	_	2027 ea Affected	* *	5	\$14,000	A
Windows							
Aluminum	100% Now Air Infiltration, Exten Location: Through Water Penetration, E. Location: Through	out xtent : Moderate, A			5	\$900	A
Parapets							
Masonry: Brick	100% Now Cracking/Crumbling, Location: Through Water Penetration, E. Location: Through	out xtent : Light, Area			5	\$3,900	A
Roof	400-1	<b>*** * * * * * * * * *</b>		****			
Modified Bitumen	100% Now Blisters, Extent: Mod Location: Through Broken/Missing Elem Location: Through Water Penetration, E. Location: Through	out ents, Extent : Ligh out xtent : Moderate, A	t, Area Affe				A
Interior							
Floors Cast in Place Concrete	10% Now Cracking/Crumbling, Location: Through	_	LIFE ea Affected	* *	5	\$2,400	С
Panel/Paver: Cer/Brk	5%		2038	* *	5	\$1,200	С
Vinyl Tile	85% Now Cracking/Crumbling, Location: Through	out			3	\$3,500	С
	Worn/Eroded, Extent Location : 2nd Floo		нујества : T.	J70			

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

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

Asset	#:	162
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Architecture		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior								
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	\$400	C
Gypsum Board	40%			LIFE	* *	5	\$900	C
Metal Panel	5%			LIFE	* *			C
Plaster	25%	Now	\$1,700	LIFE	* *	5	\$300	C
	Cracking/	Crumbling,	Extent: Light, Are	ea Affecte	ed : 10%			
	Location	: Through	out					
Plywood/Hardboard	5%			LIFE	* *			С
Ceilings								
AcousTileSusp.Lay-In	50%	Now	\$11,000	2035	* *	5	\$2,800	В
	Cracking/	Crumbling,	Extent: Moderate	, Area Aj	ffected : 30%			
	Location	: Through	out					
AcousTileSusp.Lay-In	50%			2027	* *	5	\$5,500	В

Electrical	Current Repa	ir Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2022	\$1,600	5		В
	Other Observation, Exten	t : Moderate, Area Affe	cted : 100%			
	Location: 1st Floor					
	Explanation: 400 Amps	Service				
Transformers						
Dry Type	100%	2020	\$13,900	5		В
	Other Observation, Exten	. 55	cted : 100%			
	Location : Electrical Ro	om				
	Explanation: 30 Kva					
Switchgear / Switchboard						
Fused Disc Sw	100%	2022	\$49,400	5		В
Raceway						
Conduit	100%	2022	\$9,500	1		В
Panelboards						
Molded Case Bkrs	50%	2030	* *	5	\$100	В
Molded Case Bkrs	50%	2021	\$5,600	5	\$100	В
Wiring						
Thermoplastic	100%	2022	\$9,400	1		В
Motor Controllers						
Locally Mounted	100%	2020	\$8,000	5	\$100	В
Ground						
Grounding Devices						
Not Accessible	100%					D

Lighting

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

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

Asset	#	•	1	คว
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lectrical	Current Repair	Future Replacement		Maintenance			
ystem Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
ghting							
Interior Lighting							
Fluorescent	100%	2022	\$37,200	10	\$6,800	В	
	Other Observation, Extent : Modera	ite, Area Affec	ted : 100%				
	Location: Throughout						
	Explanation: T-12 Lamps						
Egress Lighting							
Emergency, Service	50%	2017	\$600	1		В	
Exit, Service	50%	2017	\$600	1		В	
Exterior Lighting							
HID	100%	2022	\$3,400	10		В	

Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Natural Gas	100%			2042	* *	1		В
Air Conditioning								
Energy Source								_
Electricity	100%			2030	* *	1		В
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	2-4	\$55,400	2032	* *	2	\$400	В
Heating/Cooling	Malfunction Location	_	nt : Moderate, Ared	a Affecte	d : 70%			
	R-22 Refrig Location		tent : Light, Area Ą	ffected :	100%			
	Other Obse Location		Extent : Light, Area	Affected	: 100%			
	Explanati	ion : 2 Roc	of Top Units With B	uilt In G	as Furnace			
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$9,600	В
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	\$400	В
No Component	90%							D
Exhaust Fans								
Interior	10%	Now	\$900	2032	* *	2		В
	Broken, Ex	tent : Seve	ere, Area Affected :	100%				
	Location	: Ceiling I	Mounted Units - Ba	throoms				
No Component	90%							D
1	Other Obse	ervation, E	Extent : Light, Area	Affected	: 0%			
	Location	: Roof Top	p Units					
			ilation Is Part Of A	C System	ı			

Plumbing

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

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

Mechanical	Current Repa	ir Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Plumbing						
H/C Water Piping						
Galv Iron/Steel	100%	2027	* *	1		В
Water Heater						
Electric	100%	2017	\$1,300	4		В
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Sump Pump(s)						
Submersible	100%	2016	\$6,200	4	\$2,000	В
Fixtures						
Generic	100%					В
	Obsolete Fixtures, Extent	: Severe, Area Affected	! : 100%			
	Location: Throughout					
Fire Suppression						
Sprinkler						
Generic	100%	2032	* *	1-2	\$2,100	В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$93,500	
Electrical		\$42,400
Total	\$93,500	\$42,400
Priority A	\$93,500	
Priority B		\$42,400
Total	\$93,500	\$42,400

Total	\$163,800	\$4,000	\$5,100	\$6,100
Priority C	\$34,600		\$900	\$2,000
Priority B	\$49,100	\$4,000	\$4,200	\$4,100
Priority A	\$80,200			
Total	\$163,800	\$4,000	\$5,100	\$6,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Mechanical	\$5,300	\$100	\$200	\$100
Electrical	\$23,300			\$100
Interior Architecture	\$51,100		\$900	\$2,000
Exterior Architecture	\$80,200			
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

rchitecture	Current Repair	Future Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
kterior					
Exterior Walls			_	***	
Masonry: Brick	95% Now \$93,500 Diagonal Cracks, Extent : Moderate, A Location : East Facade, South Facad Jnt Mortar Miss/Erod, Extent : Modera	e, Bulkheads	5	\$14,000	A
	Location: Bulkheads				
	Worn/Eroded, Extent : Moderate, Area Location : Throughout	Affected: 25%			
Masonry: Granite	5% Now \$9,900 Int Mortar Miss/Erod, Extent : Modera Location : Building Base	LIFE ** nte, Area Affected : 25%	5	\$600	A
Windows					
Aluminum	100% Now \$29,300 Caulking Deteriorated, Extent : Moder Location : Throughout		5	\$1,500	A
	Water Penetration, Extent : Moderate, Location : Throughout	Area Affected : 20%			
Parapets					
Masonry: Brick	10% Now \$2,800  Jnt Mortar Miss/Erod, Extent: Modero  Location: Interior Face - East Side  Worn/Eroded, Extent: Moderate, Area	••	5	\$200	A
	Location : Interior Face - East Side				
Metal Cornice	90% Now \$20,500 Broken/Missing Elements, Extent : Seve Location : Corners	2039 ** ere, Area Affected : 25%			A
	Corrosion/Rusting, Extent : Severe, Ard Location : Corners	ea Affected : 20%			
	Deteriorated Finish, Extent : Moderate Location : Throughout	, Area Affected : 25%			

Architecture	Current Rep	air	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Es	stimated Cost	Year E FY	stimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior							
Roof							
Asphalt Shingle	90% Now	\$6,300	2037	* *			Α
	Gut/DS Non Func/Miss,		te, Area A <u>f</u>	fected : 25%			
	Location: Throughout						
	Other Observation, Exte		rea Affecte	ed : 100%			
	Location: Sloped Roof		.11. D. 1.1	. Cl.:	d C1	China La	
Cl. 1: 1 . M . 1/Cl	Explanation: This Con			* *	ang State	Sningles.	
Skylight, Metal/Glass	3% Now Corrosion/Rusting, Exte	\$10,600 nt : Moderate As	2034				A
	Location: Over Stair	nı . Moderdie, Ai	геи Ајјесте	a . 30%			
	Glazing Broken/Cracked	d Extent · Moder	ate Area e	Affected · 30%			
	Location : Over Stair	i, Emeni : moder	are, 117ea 1	ijjeeiea . 5070			
	Water Penetration, Exte	nt : Moderate, Ai	rea Affecte	d : 10%			
	Location : Over Stair		55				
Spray-on Foam	7% Now	\$700	2029	* *	5	\$400	A
1 7	Drains Inad/Misposn, E.	xtent : Moderate,	Area Affe	cted : 25%			
	Location : Over Stair						
	Water Penetration, Exte	nt : Severe, Area	Affected:	25%			
	Location : Over Stair						
Interior							
Floors	200/ 1	φ1 100	2022	Φ11 100	2	Φ2.000	C
Carpet	20% Now Staining/Discoloring, Ex	\$1,100	2023	\$11,100	3	\$2,800	C
	Location : Third Floor		Area Ajjec	nea . 2576			
Comment			2026	* *	3	¢2.000	
Carpet	20% Now Punct/Tear/Impact Dam	\$11,100	2026		3	\$2,800	С
	Location : First Floor	uge, Exiem . Sev	ere, Areur	njjecieu . 5070			
	Worn/Eroded, Extent : S	Severe. Area Affeo	cted : 50%				
	Location : First Floor	0,0,0,11,00,12,500					
Cast in Place Concrete	5%		LIFE	* *	5	\$2,100	С
Terrazzo	5%		LIFE	* *	5	\$700	C
Vinyl Tile	10% Now	\$8,900	2034	* *	3	\$400	Č
,	Broken/Missing Element			ected : 50%		,	
	Location : First Floor						
	Water Penetration, Exte	nt : Severe, Area	Affected:	50%			
	Location: First Floor						
Vinyl Tile	35%		2029	* *	3	\$1,200	С
v myr Tmc	2270		2027			' /	_

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

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

Asset #: 2153

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior								
Interior Walls								
Gypsum Board	15% Broken/Mi		\$1,800 nents, Extent : Mod	LIFE erate, Ar	* * ea Affected : 25%:	5	\$300	С
	Location				55			
	Water Pen	etration, E	Extent : Moderate, A	Area Affe	cted : 20%			
	Location	ı : Stair						
Plaster	80%	Now	\$9,700	LIFE	* *	5	\$800	С
	Cracking/	Crumbling,	, Extent : Moderate	, Area A	ffected : 20%			
	Location	ı : Third Fl	oor Entrance					
	Water Pen	etration, E	Extent : Moderate, A	Area Affe	cted : 20%			
	Location	a : Third Fl	oor					
Wood	5%			LIFE	* *	5	\$1,300	С
Ceilings								
AcousTileSusp.Lay-In	10%			2029	* *	5	\$900	В
<b>Embossed Metal</b>	30%			LIFE	* *	5	\$2,500	В
Gypsum Board	20%	Now	\$2,400	LIFE	* *	5	\$2,400	В
	_	Crumbling, n : Office A	, Extent : Moderate rea	, Area Ą	ffected : 25%			
		netration, E n : Office A	Extent : Moderate, A rea	Area Affe	cted : 10%			
Plaster			\$12,900 , Extent : Moderate oor Office Area, Fi			5	\$2,400	В
	Water Pen		Extent : Severe, Ared					

Electrical	Current R	epair	Future	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts							
Service Equipment							
Molded Case Bkrs	100%	,	2024	\$3,000	5	\$200	В
	Other Observation, E.	xtent : Moderate, Are	ea Affe	cted : 100%			
	Location : Electrica	l Room					
	Explanation: Main	Service Switch Rated	l @ 20	0 Amperes			
Switchgear / Switchboard							
Fused Disc Sw	50%	,	2034	* *	5		В
Molded Case Bkrs	50%	<u>'</u>	2024	\$29,600	5	\$100	В
Raceway							
Conduit	100%	,	2024	\$19,000	1		В
Panelboards							
Fused Disc Sw	25%		2023	\$5,600	5		В
Molded Case Bkrs	50%		2023	\$11,200	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.

<sup>\*\*</sup> 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts								
Wiring								_
Braided Cloth	70%		\$16,900	2049	**	1		В
			ent : Moderate, Are	a Affecte	ed : 100%			
		ı : Through	out					
Thermoplastic	30%			2034	* *	1		В
Ground								
Grounding Devices	400-							_
Not Accessible	100%							D
Lighting								
Interior Lighting	200/			2024	¢12.700	10	Ф2 200	ъ
Fluorescent	30%		M - 1 A A CC	2024	\$12,700	10	\$2,300	В
	_	s, Extent : 1 1 : 3rd Floo	Moderate, Area Aff	естеа : 1	00%			
		i : 3ra Fioc	or		<b>**</b> 100		***	
Fluorescent	5%			2024	\$2,100	10	\$400	В
			Extent : Moderate, A	Area Affe	ected : 100%			
		ı : Staircas		. 1. 5				
		tion : Com	pact Fluorescent Li				<b>*</b> * * * * * * * * * * * * * * * * * *	
Fluorescent	65%	п	36.1 . 4 . 4	2019	\$27,600	10	\$5,000	В
			Moderate, Area Aj	fected:	100%			
	Location	i: 1st And	2na Floors					
Egress Lighting	1,000/	M	¢1 400	2024	* *	1		D
Exit, Service	100%		\$1,400	2034		1		В
			ent : Moderate, Ard out The Building	га Ајјесі	ea : 100%			
Enterior Liebtine	Locuitoi	i . Inrough	oui The Building					
Exterior Lighting HID	100%			2019	\$3,500	10		В
Alarm	100%			2019	φ3,300	10		Ъ
Security System								
Under Construction	100%							D
- Chack Construction	100/0							

Mechanical	Current Repair	Future	Replacement	M	aintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Heating							
Energy Source							
Natural Gas	100%	2034	* *	1		В	
Conversion Equipment							
Furnace	30%	2024	\$2,600	1	\$900	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						

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

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

Mechanical	Current Repair	Future Rep	placement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Esti FY	mated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating						•
Distribution						
Ductwork/Diffusers	30%	LIFE	* *	2-5	\$1,700	В
No Component	70%					D
	Other Observation, Extent : Light, A.	rea Affected : 0%	)			
	Location: Throughout					
	Explanation: 1st And 2nd Floors					
Air Conditioning						
Energy Source	1000/	2040	* *	1		D
Electricity	100%	2040	4-4-	1		В
Conversion Equipment Window/Wall Unit	500/	2010	¢7.200	1		В
	50% 50%	2019	\$7,300	1		Б
No Component	30%					υ U
Plumbing H/C Water Piping						
Galv Iron/Steel	100% 0-2 \$4,30	0 2029	* *	1		В
Gaiv Holl/Steel	Corroded, Extent : Moderate, Area A			1		D
	Location: Throughout	gjeerea : 2070				
Water Heater						
Electric	30% Now \$30	0 2024	\$300	4		В
	Malfunctioning, Extent : Severe, Area					
	Location : 3rd Floor Rest Room, D			eater.		
Not Accessible	70%					D
1,0011000	Other Observation, Extent : Light, A.	rea Affected : 0%	1			-
	Location:	33				
	Explanation: Tenant Is Responsible	le For 1st & 2 Flo	oors			
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	50%	LIFE	* *	1		В
No Component	50%					D
	Other Observation, Extent : Light, A.	rea Affected : 0%				
	Location: Perimeter Of Building					
	Explanation : Leaders And Gutters					
Fixtures						_
Generic	100%					В
Vertical Transport						
Elevators	1000/					~
Geared Traction	100%	LIFE	**			С
	Other Observation, Extent : Light, A.	rea Affected : 100	1%			
	Location: 1-3	1D 1D 1	77 .	a i		
	Explanation : Defective Unit, Flood	a Damaged Durir	ig Hurricane	Sandy		

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

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

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#### Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$715,300	
Interior Architecture	\$546,600	
Mechanical	\$88,400	\$294,700
Total	\$1,350,400	\$294,700
Priority A	\$715,300	
Priority B	\$491,400	\$294,700
Priority C	\$143,700	
Total	\$1,350,400	\$294,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$34,300			
Interior Architecture	\$8,700		\$200	
Electrical	\$21,200			\$200
Mechanical	\$400	\$1,200	\$900	\$1,200
Total	\$64,600	\$1,200	\$1,100	\$1,400
Priority A	\$34,300			
Priority B	\$29,700	\$1,200	\$1,000	\$1,400
Priority C	\$500		\$200	
Total	\$64,600	\$1,200	\$1,100	\$1,400



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

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

Asset #: 2430

rchitecture	Current F	Repair	Futur	e Replacement	M	aintenance	
vstem Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
terior							
Exterior Walls							
Masonry: Brick	80% Now Broken/Missing Elen Location: Through Jnt Mortar Miss/Eroc Location: Through Vertical Cracks, Exte	out A, Extent : Severe, A out ent : Severe, Area A	Area Affe	cted : 50%	5	\$21,600	A
Metal Coiling Doors	10% Now Deformed/Dented, E. Location : Through Punct/Tear/Impact D Location : Through	out amage, Extent : Se			5	\$4,200	A
Stucco Cement	10% Now Broken/Missing Elen Location: West Fac Cracking/Crumbling, Location: West Fac	cade Extent : Severe, A			5	\$3,400	A
Windows							
Aluminum	5%		2040	* *	5		A
Steel	95% Now Air Infiltration, Exter Location: 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	d : 50% a Affected : 50%	5	\$3,500	A
Parapets Masonry: Brick	95% Now Broken/Missing Elen Location: Through Int Mortar Miss/Eroc Location: Through Misaligned/Bulging, Location: Through	out d, Extent : Severe, 2 out Extent : Severe, Ar	Area Affe	cted : 50%	5	\$4,400	A
Pre-Cast Concrete	5% Now  Jnt Mortar Miss/Eroc  Location: Coping  Caulking Deteriorate  Location: Coping	\$1,900 d, Extent : Severe, A			5	\$1,500	A
Roof	1000/		2020	* *	_	¢46.000	
Spray-on Foam	100%		2029	* *	5	\$46,800	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.

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

Asset #: 2430

rchitecture		Current R	epair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
terior								
Floors								
Cast in Place Concrete	Location	: First Flo				5	\$31,200	С
		bstrate, Ex : First Flo	tent : Severe, Area or	Affected	: 35%			
Vinyl Tile	5%			2029	* *	3	\$500	С
Wood	40%			2039	* *	5	\$19,500	C
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	\$300	C
Gypsum Board	10%			LIFE	* *	5-10	\$600	C
Masonry: Brick	80%	Now	\$57,100	LIFE	* *			C
	Location Worn/Eroc	: Through	: Severe, Area Affe					
Ceilings								
Exposed Concrete		Now Crumbling, : First Flo	\$215,400 Extent : Severe, A or	LIFE rea Affec	* * rted : 25%	5	\$4,400	В
Exposed Struc: Wood	Location Split/Crack	: First Flo	: Severe, Area Aff					В
Gypsum Board	10%	. First Fio	01	LIFE	* *	5-10	\$12,900	В

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

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

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

Asset #: 2430

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts	•							
Raceway								
Conduit	100%			2024	\$21,500	1		В
Panelboards								
Fused Disc Sw	20%			2023	\$2,200	5	\$100	В
Molded Case Bkrs	80%			2023	\$9,000	5	\$300	В
Wiring								
Braided Cloth	50%		\$7,500	2049	* *	1		В
		-	ent : Moderate, Are	a Affecte	ed : 100%			
	Location	ı : Through	out The Building					
Thermoplastic	50%			2024	\$7,500	1		В
Motor Controllers								
Locally Mounted	100%			2022	\$8,400	5	\$100	В
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	10%			2019	\$3,800	10	\$1,600	В
	T-8 Lamp	s, Extent : N	Moderate, Area Aff	ected : 10	00%			
	Location	ı : Through	out The Building					
Fluorescent	75%			2019	\$28,800	10	\$11,900	В
	T-12 Lam	ps, Extent:	Moderate, Area Aj	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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating								
Energy Source								
Electricity	100%	ı		2034	* *	1		В
Terminal Devices								
Fan Coil Unit/Heat	100%	Now	\$88,400	2024	\$294,700	1	\$5,100	В
	On Extend	ded Life, Ex	tent : Severe, Area	Affected	! : 50%			
	Location	n : Ceiling N	<i>Mounted</i>					
Ventilation								
Exhaust Fans								
Wall Unit	40%			2019	\$11,900	2	\$200	В
No Component	60%							D
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2029	* *	1		В
Water Heater								
Not Accessible	100%							D

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

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

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
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	\$4,900	В

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**DEPT. OF SMALL BUSINESS SERV. - FY 2014** Print Date: 05-Sep-2013

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

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

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DBS0016.030 / 2429 Yr Built/Renovated : 1910 / 2013

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

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

**Areas Surveyed** : Roof, Floors 1

: 725 BIN : 3345661 **Block** Lot : 1

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$315,300	\$121,100
Interior Architecture	\$252,000	\$35,300
Mechanical		\$244,300
Total	\$567,300	\$400,700
Priority A	\$315,300	\$121,100
Priority B	\$203,000	\$244,300
Priority C	\$49,000	\$35,300
Total	\$567,300	\$400,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$77,300			
Interior Architecture	\$13,200			\$600
Electrical	\$10,100	\$100	\$200	\$100
Mechanical	\$8,800	\$800	\$600	\$800
Total	\$109,400	\$1,000	\$800	\$1,500
Priority A	\$77,300			
Priority B	\$30,600	\$1,000	\$800	\$1,000
Priority C	\$1,400			\$600
Total	\$109,400	\$1,000	\$800	\$1,500



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

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

Asset #: 2429

rchitecture	Current	Repair	Future	Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
kterior							
Exterior Walls Concrete Masonry Unit	75% Now Caulking Deteriorat Location: Through Vegetation Growth, Location: Through	hout Extent : Severe, Are			5	\$14,300	A
Masonry: Brick	10% Now Caulking Deteriorat Location: West Fo Worn/Eroded, Exten Location: West Fo	acade t : Severe, Area Affa		-	5	\$3,000	A
Metal Panel	10%		2034	* *	5-10	\$20,900	A
Metal Coiling Doors	5% Now Corrosion/Rusting, I Location: West Fo	acade			5	\$2,400	A
	Deformed/Dented, E Location: West Fo		rea Affecte	ed : 25%			
Windows							
Steel	100% Now Air Infiltration, Exte Location: Through		2049 Fected : 10	**	5	\$3,100	A
	Broken/Missing Eler Location : Through	hout					
	Corrosion/Rusting, Extent : Severe, Area Affected : 25% Location : Throughout						
	Thermally Inefficien Location : Through		rea Affecte	ed : 100%			
Roof Modified Bitumen	500/		2024	¢121 100	10	¢16 900	٨
Spray-on Foam	50% 50% Now Drains Inad/Misposs Location: Over Fi		2024 2029 e, Area Aff	\$121,100 * * Pected : 25%	10 5	\$16,800 \$11,200	A A
terior							
Floors Cast in Place Concrete	90% Now Cracking/Crumbling Location: First Fl		LIFE , Area Affe	* * ected : 25%	5	\$35,300	C
Ceramic Tile	5%		2033	* *	5	\$900	С
Vinyl Tile	5%		2024	\$8,500	3	\$400	С
Interior Walls Concrete Masonry Unit	95%		LIFE	* *	5	\$2,300	С
CONCIETE WIASOMY UNIII	<b>7.</b> 770		LIFE		J	\$4,300	

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

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

Asset #: 2429

Architecture	Current Rep	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior							
Ceilings							
Exposed Concrete	40%		LIFE	* *	5-10	\$9,000	В
Exposed Struc: Steel	50% Now	\$203,000	LIFE	* *			В
-	Corrosion/Rusting, Exte	nt : Moderate, A	Area Affe	ected : 25%			
	Location : First Floor						
Gypsum Board	10%		LIFE	* *	5-10	\$6,200	В

Electrical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Over 600 Volts							
Transformers							
<b>Under Construction</b>	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	\$23,900	10	\$9,900	В
	_	os, Extent : Moderate, Area Aj a : Throughout The Building	fected: .	100%			
Fluorescent	10%		2024	\$2,700	10	\$1,100	В
	T-8 Lamps	s, Extent : Moderate, Area Aff o: Throughout The Building			-	, , , , ,	

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

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

Asset #: 2429

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting						
Exterior Lighting						
HID	100%	2019	\$700	10		В
Alarm						
Security System						
No Component	70%					D
Generic	30%	2024	\$11,600	1	\$1,300	В
	Other Observation, Extent:	Moderate, Area Affe	cted : 100%			
	Location : Outside					
	Explanation: CCTV Sur	veillance Cameras				

Mechanical		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating								
Energy Source								
Electricity	100%			2034	* *	1		В
Terminal Devices								
Fan Coil Unit/Heat	100%			2024	\$203,700	1	\$3,900	В
Ventilation								
Exhaust Fans								
Wall Unit	40%			2019	\$8,200	2	\$200	В
No Component	60%							D
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%	0-2	\$8,100	2022	\$40,600	1		В
		Extent : Mo	derate, 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, Ex	tent : Light, Area	Affected	: 0%			
	Location	: Located Ir	ı A Pit					
	Explana	tion : Not Ac	cessible					
Fixtures								
Generic	100%							В
Fire Suppression								
Sprinkler								
Generic	100%			2044	* *	1-2	\$3,400	В

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,869,200	\$1,002,900
Interior Architecture	\$824,600	\$401,200
Electrical	\$71,000	\$502,100
Mechanical		\$386,500
Total	\$2,764,800	\$2,292,600
Priority A	\$1,869,200	\$1,002,900
Priority B	\$271,600	\$888,600
Priority C	\$624,000	\$401,200
Total	\$2,764,800	\$2,292,600

Total	\$118,700	\$31,900	\$27,900	\$32,000
Priority C	\$12,900			
Priority B	\$93,900	\$31,900	\$27,900	\$32,000
Priority A	\$11,900			
Total	\$118,700	\$31,900	\$27,900	\$32,000
Elevators/Escalators	\$17,800	\$17,800	\$17,800	\$17,800
Mechanical	\$3,100	\$12,700	\$8,600	\$12,000
Electrical	\$52,000	\$1,400	\$1,500	\$2,300
Interior Architecture	\$34,000			
Exterior Architecture	\$11,900			
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

Asset #: 2449

Architecture	Current Repair		Future R	Future Replacement		Maintenance	
ystem Component Type		Date Estimated Cost ars)	Year Es FY	timated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
xterior							
Exterior Walls							
Cast in Place Concrete	95%		LIFE	* *	5	\$337,600	Α
Masonry: Brick	5% No	. ,	LIFE	* *	5	\$1,800	Α
		cks, Extent : Moderate,	Area Affectea	l : 15%			
		Stair Bulkhead					
		s/Erod, Extent : Modero	ate, Area Affe	cted : 25%			
	Location : At	Stair Bulkhead					
Windows							
Aluminum	90% No	. , , , , , , , , , , , , , , , , , , ,	2049	* *	5	\$16,200	A
		nish, Extent : Severe, A	rea Affected :	50%			
	Location: The	-					
	Thermally Ineff	icient, Extent : Severe, 1	Area Affected	: 50%			
	Location: The	roughout					
		Extent : Severe, Area Af	fected : 50%				
	Location: Th	roughout					
Glass Block	10% No	w \$41,700	LIFE	* *	5	\$2,300	Α
	Glazing Broken	/Cracked, Extent : Mod		ffected : 25%		. ,	
	Location : Th						
Parapets							
Cast in Place Concrete	100% No	w \$106,100	LIFE	* *	5	\$351,500	A
	Vertical Cracks	, Extent : Moderate, Ar	ea Affected : .	10%			
	Location : Ea	st Facade, West Facade	2				
Roof							
Skylight, Metal/Glass	3%		2024	\$365,100	10	\$9,100	A
Spray-on Foam	97%		2029	* *	5	\$117,400	A
terior							
Floors							
Cast in Place Concrete	95%		LIFE	* *	5	\$802,300	C
Steel Plate	5% No	. ,	LIFE	* *	1		C
		ing, Extent : Severe, Ar		40%			
	Location: Sta	ir Landings Throughou	t				
Interior Walls							
Cast in Place Concrete	20% No		LIFE	* *			C
	Cracking/Crum	bling, Extent : Moderai	te, Area Affect	ted : 15%			
	Location : Fif	th Floor					
Concrete Masonry Unit	15%		LIFE	* *	5	\$1,000	С
Gypsum Board	5%		LIFE	* *	5-10	\$700	C
Masonry: Brick	60%		LIFE	* *	10	\$1,500	C
Ceilings						. , , , , , , , , , , , , , , , , , , ,	
Exposed Concrete	95%		LIFE	* *	5-10	\$229,200	В
Gypsum Board	5%		LIFE	* *	5-10	\$33,200	В

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

Under 600 Volts

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

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

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

Asset #: 2449

Electrical		Current F	Repair	Future Replacement		M	aintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
Under 600 Volts										
Raceway										
Conduit	100%			2024	\$77,300	1		В		
Panelboards										
Fused Disc Sw	20%			2023	\$10,100	5	\$600	В		
Fused Knife Sw	50%	2-4	\$25,300	2049	* *	5	\$700	В		
			Extent: Moderate,	Area Af	fected : 100%					
		: Through								
			tent : Moderate, A	rea Affec	ted : 100%					
		: Through	out The Building							
Molded Case Bkrs	30%			2023	\$15,200	5	\$1,000	В		
Wiring										
Braided Cloth	70%	2-4	\$25,200	2049	* *	1		В		
		-	ent : Moderate, Are	a Affecte	ed : 100%					
	Location	: Through	out The Building							
Thermoplastic	30%			2024	\$18,100	1		В		
Lighting										
Interior Lighting										
Fluorescent	60%			2019	\$171,100	10	\$71,000	В		
	•			tte, Area Affected : 100%						
	Location	: Through	out The Building							
Fluorescent	30%			2024	\$85,500	10	\$35,500	В		
		T-8 Lamps, Extent : Moderate, Area Affected : 100%								
	Location	: Through	out The Building							
Incandescent	10%			2019	\$28,500	2	\$300	В		
Egress Lighting							· · · · · · · · · · · · · · · · · · ·			
Emergency, Battery	50%			2024	\$26,600	10	\$15,600	В		
Exit, Service	50%			2024	\$10,600	1	•	В		
Exterior Lighting					•					
HID	100%			2024	\$7,900	10	\$400	В		
Alarm										
Security System										
No Component	70%							D		
Generic	30%			2019	\$132,700	1	\$14,500	В		
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%					
		: Outside								
	Explana	tion : C C '	TV Surveillance C	ameras						

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

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

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

Mechanical	Current Repair	Future Re	olacement	Ma				
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Esti FY	mated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
Heating								
Conversion Equipment								
Radiant Heater	60%	2024	\$386,500	2	\$35,900	В		
	Other Observation, Extent : Ligh	nt, Area Affected : 60%	6					
	Location: Throughout			_				
	Explanation: Heating Equipm	ent Is Installed And M	laintained 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	\$6,200	4	\$2,000	В		
	Other Observation, Extent: Light		1%					
	Location: Located Outside Th	=						
<del></del>	Explanation : Sump Pump Is N	ot Accessible						
Sewage Ejector(s)	1000/	2024	Φ10 <b>2</b> 00		Φ2 000	ъ		
Electric	100%	2024	\$10,300	4	\$2,000	В		
	Other Observation, Extent : Light, Area Affected : 100% Location : Is Located Outside The Building In A Pit							
		_						
E'-t	Explanation : Ejector Is Not A	ccessible						
Fixtures Generic	100%					В		
Vertical Transport	100%					ь		
Elevators								
Geared Traction	100%	LIFE	* *			C		
Geared Traction	Other Observation, Extent : Ligh		)%			C		
	Location: 1-6	u, meangeetea . 100	.,0					
	Explanation: 3 Units							
Fire Suppression	Experience . 5 Onus							
Sprinkler								

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

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Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$2,423,900	\$1,002,400
Interior Architecture	\$720,700	\$382,200
Electrical	\$75,000	\$338,800
Mechanical	\$39,600	
Total	\$3,259,100	\$1,723,400
Priority A	\$2,423,900	\$1,002,400
Priority B	\$305,600	\$338,800
Priority C	\$529,600	\$382,200
Total	\$3,259,100	\$1,723,400

\$74,400	\$22,600	\$29,700	\$28,400
\$14,800			
\$28,200	\$22,600	\$29,700	\$28,400
\$31,400			
\$74,400	\$22,600	\$29,700	\$28,400
\$17,800	\$17,800	\$17,800	\$17,800
\$10,400	\$4,400	\$10,400	\$10,700
	\$400	\$1,500	
\$14,800			
\$31,400			
FY 2015	FY 2016	FY 2017	FY 2018
	\$31,400 \$14,800 \$10,400 \$17,800 <b>\$74,400</b> \$31,400 \$28,200 \$14,800	\$31,400 \$14,800 \$400 \$10,400 \$17,800 \$17,800 \$74,400 \$22,600 \$31,400 \$28,200 \$14,800	\$31,400 \$14,800 \$400 \$1,500 \$10,400 \$17,800 \$17,800 \$17,800 \$17,800 \$17,800 \$22,600 \$29,700 \$31,400 \$28,200 \$22,600 \$29,700 \$14,800



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

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

Asset #: 2448

Architecture	Current	rent Repair Future Repla		Replacement	Ma	Maintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year E FY	Sstimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior							
Exterior Walls Cast in Place Concrete	Location : Stair B	\$20,700 g, Extent : Moderate ulkhead, Loading D	ocks		5	\$8,000	A
	-	nent, Extent : Moder Julkhead, Loading D		ffected : 15%			
Cast in Place Concrete	90%		LIFE	* *	5	\$289,500	A
Masonry: Brick	5% Now Diagonal Cracks, E Location: Elevate	\$10,800 Extent : Severe, Area or Shaft	LIFE Affected : 1	* *	5	\$1,600	A
	Jnt Mortar Miss/Er Location : Elevate	od, Extent : Modera or Shaft	te, Area Aff	ected : 25%			
Windows							
Steel	Location : Throug				5	\$203,700	A
	Broken/Missing Ele Location : Throug	ments, Extent : Mod phout	lerate, Area	Affected: 50%			
	Corrosion/Rusting,	Extent : Moderate, A	Area Affecte	ed : 50%			
	Location: Throug						
		nt, Extent : Moderat	e, Area Affe	cted : 100%			
Demonstra	Location : Throug	gnout					
Parapets Cast in Place Concrete	Location : North . Exposed Reinforcer	nent, Extent : Moder			5	\$318,200	A
<del>-</del>	Location : North	Side					
Roof Skylight, Metal/Glass	2%		2024	\$220,300	10	\$5,500	٨
Spray-on Foam	2% 98%		2024	\$220,300	10 5	\$107,400	A A
interior	7070		202)			Ψ107,100	7.1
Floors							
Cast in Place Concrete	100% Now	\$529,600	LIFE	* *	5	\$382,200	C
	Cracking/Crumblin Location : Throug	g, Extent : Moderate hout	e, Area Affe	cted : 20%			
Interior Walls							
Cast in Place Concrete	15%		LIFE	* *	10	\$2,800	C
Concrete Masonry Unit	15%		LIFE	* *	5	\$900	C
Gypsum Board	5%	40.000	LIFE	* *	5-10	\$600	C
Masonry: Brick	10% Now Diagonal Cracks, E Location: East St	\$9,900 Extent : Moderate, A. eair	LIFE rea Affectea	* * ! : 15%			С
Masonry: Brick	55%		LIFE	* *	10	\$1,200	C
Ceilings Exposed Concrete	100%		LIFE	* *	5-10	\$218,400	В
	/-				0	Ψ <b>-</b> 10,100	

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

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

Asset #: 2448

Electrical		Current Repair		Futur	e Replacement	М		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	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 Under Construction	100%							D
Raceway Under Construction	100%							D
Under 600 Volts Service Equipment Fused Disc Sw	Location	ı : Electrica	Extent : Moderate, . al Room ntly Installed, Mair			5 000 Amn	\$500	В
Switchgear / Switchboard	Ехріапа	iion . Kece	nity Instattea, Mati	i service	Swiich Raiea @ 5	ooo Amp	eres	
Molded Case Bkrs		stallation, E 1 : Electrico	Extent : Light, Arec al Room	2054 Affected	* *	5	\$1,600	В
<b>Under Construction</b>	50%							D
Raceway	9.00/			2024	\$45,000	1		D
Conduit Conduit	80% 20%			2024 2054	\$45,600 * *	1 1		B B
		stallation, I n : 1st Floo	Extent : Light, Area r	Affected	: 100%			
Panelboards	200/			2022	* *	~	Φ.7.0.0	D.
Fused Disc Sw Molded Case Bkrs	20% 80%			2032 2032	* *	5 5	\$500 \$2,500	B B
Wiring	8070			2032			\$2,300	ъ
Thermoplastic	80%			2024	\$35,100	1		В
Thermoplastic	20%			2054	* *	1		В
		stallation, I n : 1st Floo	Extent : Light, Area r	Affected	: 100%			
Motor Controllers Locally Mounted	100%			2041	* *	5	\$800	В
Ground Grounding Devices Not Accessible	100%							D
Lighting								
Interior Lighting	700			2010	φ100 <b>7</b> 00	10	Ф <b>7.</b> 000	D
Fluorescent	-		Moderate, Area A out The Building	2019 ffected : .	\$180,700	10	\$75,000	В
Fluorescent	30%		Moderate, Area Afj	2024 Tected : 10	\$77,400	10	\$32,100	В

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

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

Asset #: 2448

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting								
Egress Lighting								
Emergency, Battery	50%			2024	\$24,100	10	\$14,100	В
Exit, Service	50%			2024	\$9,600	1		В
Exterior Lighting								
HID	100%			2024	\$7,100	10	\$400	В
Alarm								
Security System								
Under Construction	100%							D

Mechanical	C	urrent Repair	Futur	e Replacement	М	aintenance		
System Component Type		il Date Estimated Cost Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Heating								
Energy Source								
Natural Gas	100%		2044	* *	1		В	
Conversion Equipment								
Radiant Heater	70%		2029	* *	2	\$37,900	В	
		ation, Extent : Light, Area	Affected	: 70%				
	Location : T	Throughout						
	Explanation	: Heating Equipment Is Ir	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	\$20,000	2	\$400	В	
No Component	90%						D	
Plumbing								
H/C Water Piping								
Galv Iron/Steel		0-2 \$39,600	2029	* *	1		В	
		tent : Moderate, Area Affe	cted : 10	%				
	Location : E	Casement						
Sanitary Piping								
Cast Iron	100%		LIFE	* *	1		В	
Storm Drain Piping								
Cast Iron	100%		LIFE	* *	1		В	
Sump Pump(s)								
Submersible	100%		2018	\$6,200	4	\$2,000	В	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : F	it In The Street						
	Explanation	: Not Accessible						

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

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

Mechanical	hanical Current Repair		acement	M		
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estim FY	ated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Plumbing						
Sewage Ejector(s)						
Electric	100%	2029	* *	4	\$1,300	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	\$32,800	В

#### Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$302,000	
Interior Architecture	\$196,600	
Electrical		\$114,800
Total	\$498,600	\$114,800
Priority A	\$302,000	
Priority B	\$160,300	\$114,800
Priority C	\$36,300	
Total	\$498,600	\$114,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$300	_	\$3,200	
Interior Architecture	\$28,300		\$900	
Electrical	\$44,200	\$500	\$600	\$600
Mechanical	\$11,500	\$300	\$200	\$300
Total	\$84,200	\$800	\$4,900	\$900
Priority A	\$300		\$3,200	
Priority B	\$70,400	\$800	\$800	\$900
Priority C	\$13,600		\$900	
Total	\$84,200	\$800	\$4,900	\$900



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

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

Architecture	Current Repair			Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Cod
xterior								
Exterior Walls						_		
Concrete Masonry Unit			40.4.000	LIFE	* *	5	\$500	A
Masonry: Brick	90% Diagonal		\$96,800 tent : Severe, Area	LIFE	* *	5	\$7,200	A
	_	ı : South Fa		Пусстей	. 5070			
			Extent : Severe, Ar	ea Affect	red · 50%			
		a South Fo		eu rijjeei	cu . 5070			
			t : Severe, Area Affe	ected · 50	0%			
		ı : South Fe		cica . S	570			
Metal Coiling Doors	5%			2029	* *	5	\$1,300	A
Windows								
Metal Louvers	15%			2027	* *	10	\$3,200	Α
Wood	85%	Now	\$91,400	2049	* *	5	\$14,700	A
	Air Infiltr	ation, Exte	nt : Severe, Area A <u>f</u>	fected : 3	50%			
	Location	ı : Through	out					
	Thermally	<sup>,</sup> Inefficient	, Extent : Severe, A	rea Affe	cted : 100%			
	Location	ı : Through	out					
	-		t : Severe, Area Affe	ected : 50	0%			
		ı : Through						
	_	erable, Exte 1 : Through	ent : Severe, Area A out	Affected :	50%			
Parapets								
Masonry: Brick	100%		\$77,600	LIFE	* *	5	\$3,900	A
			tent : Moderate, Ar	ea Affec	ted : 25%			
		ı : Corners						
			t : Moderate, Area I	Affected	: 50%			
	Location	ı: Through	out					
Roof	20/	N	¢26.200	2054	* *			
Skylight, Metal/Glass	3%		\$36,200 nents, Extent : Mod	2054				A
		issing Eien 1 : Over Fii		eraie, Ar	ей Ајјесіей : 25%			
	Corrosion	/Rusting, E	Extent : Moderate, A	Area Affe	ected : 25%			
	Location	ı : Over Fii	rst Floor					
Spray-on Foam	97%			2029	* *	5	\$11,600	A
terior								
Floors	0.5				a ·	~	<b>4.7.</b> 000	~
Cast in Place Concrete	85%			LIFE	* *	5	\$17,900	C
Panel/Paver: Cer/Brk	15%			2032	**	5	\$1,600	С

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

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

Asset #: 2283

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior								
Interior Walls								
Ceramic Tile	10%			2027	* *	5	\$300	C
Masonry: Brick	70%	Now	\$36,300	LIFE	* *			C
	Location Worn/Ero	: Through	: Severe, Area Affe					
Plaster	Location Water Pen	: Pump Ro	xtent : Severe, Ared			5	\$200	С
Ceilings								
Exposed Concrete	O	Now Crumbling, : Through	\$14,700 Extent : Moderate out	LIFE , Area Aj	* * ffected : 20%	5	\$300	В
Exposed Struc: Wood	Location Split/Crac	: Through	: Severe, Area Affe	v				В

lectrical	Current	Repair	Futur	e Replacement	M	aintenance	
vstem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
ver 600 Volts							
Transformers							
Liquid Filled	100% 2-4	\$33,300	2044	* *	3		В
	On Extended Life, E	Extent : Moderate, Ai	ea Affec	ted : 100%			
	Location : Electric	cal Room					
Switchgear / Switchboard							
Air Circuit Breaker	100% 2-4	\$3,700	2054	* *	3		В
	Obsolete Equipmen	t, Extent : Moderate,	Area Af	fected : 100%			
	Location : Electric	cal Room					
	Other Observation,	Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Electri	cal Room					
	Explanation: Obs	olete Equipment					
Feeders	-	<del>-</del> -					
Cable	100%		2023	\$1,000	1		В
Raceway							
Conduit	100%		2024	\$3,500	1		В

Under 600 Volts

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

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

Asset #: 2283

Electrical	Current Repair			Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Inder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$1,000	5	\$100	В
			Extent : Moderate, A	Area Affe	cted : 100%			
		: Electrica		D	C			
D	Explana	tion: No A	vailable Nameplate	Rating (	Сарасіту			
Raceway Conduit	30%			2034	* *	1		В
Conduit	70%			2034	\$15,100	1		В
Panelboards	7070			2024	\$15,100	1		ъ
Molded Case Bkrs	50%			2032	* *	5		В
Molded Case Bkrs	50%			2023	\$5,600	5		В
Wiring	3070			2023	\$5,000			ъ
Braided Cloth	20%	2-4	\$3,000	2049	* *	1		В
Braided Cloth			ent : Moderate, Are		d · 100%	1		Б
		-	d Electrical Room	a rijjecie	u . 10070			
TP1 1		. эпор ти	a Lieciricai Room	2024	* *	1		D
Thermoplastic	50%			2034		1		В
Thermoplastic	30%			2024	\$4,500	1		В
Motor Controllers	1.000/			2020	* *	~		ъ
Locally Mounted	100%			2029	* *	5		В
round								
Grounding Devices	1,000/							Ъ
Not Accessible	100%							D
tand-by Power								
Transfer Switches	1,000/			2022	¢10.000	1	¢1 100	D
Automatic	100%			2022	\$10,800	1	\$1,100	В
Generators	1,000/			2020	¢72.000	1	¢1 400	D
Diesel	100%	amustion L	Extent : Moderate, A	2020	\$73,000	1	\$1,400	В
		ervanon, E : Fire Pun		<i>неи А</i> јје	ciea . 100%			
			up Koom 9 Kw Diesel Gener	atoms				
Dattarias	Ехріана	uon . 2- 11	9 Kw Diesei Gener	aiors				
Batteries Lead/Acid	100%			2015	\$600	5	\$100	В
	100%			2013	\$000	3	\$100	ь
Fuel Storage	1,000/			2027	* *	5	¢100	Д
Main Tank	100%	amatian I	Sutant Madanata	2027		5	\$100	В
		ervanon, E : Pump He	Extent : Moderate, A	<i>неи А</i> јје	ciea . 100%			
		-		labla Na	monlato Patina Ca	nacity		
iahtina	Ехріана	1011 . Z- WI	ain Tanks, No Avai	uvie mai	nepiaie Kaiing Ca	риспу		
ighting Interior Lighting								
Interior Lighting Fluorescent	100%			2019	\$7,100	10	\$2,900	В
THUOICSCEIR		s Frient .	Moderate, Area Aj			10	\$2,700	ъ
	-		moderale, Area Aj out The Building	jecieu.	100/0			
Jarm	Locuiton	. Imougn	on the buttuing					

Alarm

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

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

Asset #: 2283

Electrical	С	urrent R	epair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Alarm								
Security System								
No Component	70%							D
Generic	30%			2019	\$3,700	1	\$400	В
	Other Observ	vation, E.	xtent : Moderate, A	Area Affe	cted : 100%			
	Location: I	Pump Ho	ouse					
	Explanation	n : Intrus	ion Alarm Only					
Fire/Smoke Detection								
Generic	100%			2019	\$41,800	1-3	\$2,300	В
	Other Observ	vation, E.	xtent : Moderate, A	Area Affe	cted : 100%			
	Location : T	Through	out The Building					
	Explanation	n : Horns	s And Bells					

Mechanical	Current Repair			Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating								
Energy Source								
Electricity	20%			2034	* *	1		В
Natural Gas	80%			2034	* *	1		В
Conversion Equipment								
Radiant Heater	20%			2024	\$3,200	2	\$300	В
			nt : Light, Area	Affected	: 20%			
		: Pump House						
	Explanat	ion : Electrica	ıl Unit Heater I	n Pump I	House Only			
No Component	80%							D
Terminal Devices								
Fan Coil Unit/Heat	80%	Now	\$8,700	2034	* *	1	\$700	В
	-		Severe, Area P					
	Location	: Obsolete Go	is 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

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

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

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

Mechanical	C	Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fire Suppression								
Sprinkler Generic	100%			2034	* *	1-2	\$900	В
Fire Pump								
Generic	100%	Now	\$2,700	2039	* *	1	\$500	В
	Damaged, E.	xtent : Sev	vere, Area Affected	d: 100%				
	Location:	First Floo	or, Damaged By So	andy				

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$674,900	
Interior Architecture	\$76,000	\$76,900
Total	\$750,800	\$76,900
Priority A	\$674,900	
Priority B	\$76,000	\$76,900
Total	\$750,800	\$76,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$26,500			
Interior Architecture	\$7,500		\$12,400	
Total	\$33,900		\$12,400	
Priority A	\$26,500			
Priority B				
Priority C	\$7,500		\$12,400	
Total	\$33,900		\$12,400	



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

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

Architecture	Current Repair Future Replacement Maintenance					
System Component Type	% of Fail Date Estimated ( Total (Years)	Cost Year Estin	nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior						
Exterior Walls Masonry: Brick	100% Now \$156,4		**	5	\$15,600	A
	Jnt Mortar Miss/Erod, Extent: Mo Location: North Facade, Through		a : 30%			
	Rusting Masonry Supt, Extent: Me	oderate, Area Affecte	d: 25%			
	Location: Basement Entrance Worn/Eroded, Extent: Moderate, A	Anna Affrontal . 250/				
	Location: Throughout	Area Affectea : 25%				
Windows	0					
Wood	100% Now \$38,7 Air Infiltration, Extent: Severe, An Location: Throughout		* *	5	\$6,100	A
	Thermally Inefficient, Extent : Seve Location : Throughout	ere, Area Affected : 1	100%			
	Split/Cracked, Extent: Severe, Are	ea Affected : 100%				
	Location: Throughout					
Parapets Metal Cornice	100% Now \$26,5	500 2039	* *			A
	Corrosion/Rusting, Extent: Moder Location: Throughout		15%			
	Deteriorated Finish, Extent : Seven Location : Throughout	re, Area Affected : 50	0%			
Roof						
Slate	75% Now \$480,3 Broken/Missing Elements, Extent: Location: Over Kitchen		* * ed : 30%			A
	Cracking/Crumbling, Extent : Seve Location : Throughout	ere, Area Affected : 2	0%			
	Water Penetration, Extent: Severe	, Area Affected : 35%	%			
N	Location: Over Kitchen					
Not Accessible nterior	25%					D
Floors						
Panel/Paver: Cer/Brk	100%	2032	* *	5	\$24,700	C
Interior Walls	200/	LIFE	* *	5 10	¢1 700	C
Gypsum Board Plaster	30% 50% Now \$6,0		* *	5-10 5	\$1,700 \$500	C C
2 20000	Cracking/Crumbling, Extent: Mod Location: Kitchen		: 25%	J	Ψ2 30	J
	Water Penetration, Extent : Severe Location : Throughout	, Area Affected : 25%	%			
SGFT/Glazed Masonry	20%	LIFE	* *	10	\$300	С

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

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

Asset #: 2154

Architecture		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior								
Ceilings								
Plaster	20%	Now	\$37,600	LIFE	* *	5	\$1,400	В
	Broken/Mi	ssing Eleme	ents, Extent : Seve	re, Area I	Affected : 50%			
	Location	: Kitchen						
	Water Pen	etration, Ex	tent : Severe, Are	a Affected	d: 50%			
	Location	: Kitchen						
Wood	80%	Now	\$38,400	LIFE	* *	5	\$76,900	В
	Broken/Mi	ssing Eleme	ents, Extent : Seve	re, Area I	Affected : 25%			
	Location	: Througho	out					

Electrical		Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts							
Service Equipment							
Not Accessible	100%						D
		servation, Extent : Light, Area	Affectea	l : 0%			
		ı : Throughout					
	Explana	tion: Building Has Been Clos	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		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code

Heating

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

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

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

Asset #: 2154

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

<sup>\*\*</sup> 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: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,718,600	\$891,900
Interior Architecture	\$1,360,400	\$358,800
Electrical	\$149,300	\$459,700
Mechanical	\$44,400	\$59,000
Total	\$3,272,600	\$1,769,500
Priority A	\$1,718,600	\$891,900
Priority B	\$728,000	\$641,200
Priority C	\$826,100	\$236,300
Total	\$3,272,600	\$1,769,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$4,700		\$16,800	
Interior Architecture	\$10,700			\$2,000
Electrical	\$71,100	\$200	\$800	\$1,600
Mechanical	\$27,000	\$6,600	\$10,400	\$6,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$117,400	\$10,800	\$31,900	\$14,100
Priority A	\$4,700		\$16,800	
Priority B	\$102,000	\$10,800	\$15,100	\$12,200
Priority C	\$10,700			\$2,000
Total	\$117,400	\$10,800	\$31,900	\$14,100



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

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

Asset #: 2155

rchitecture	Current Repair Future Replacement Maintenance							
ystem Component Type		Date Est ears)	imated Cost	Year FY	Estimated Cos	Cycle (Yrs)	Estimated Cost	Priority Code
terior								
Exterior Walls Masonry: Brick	90% No Horizontal Cra Location : Bu		\$522,500 t : Moderate, A	LIFE Area Affe	* cted : 20%	* 5	\$78,200	A
	Jnt Mortar Mis Location : Th Worn/Eroded, Location : Th	roughout Extent : Mo						
Metal Coiling Doors	10% No Corrosion/Russ Location: Wo Deformed/Den	est Facade				* 5	\$13,600	A
	Location : Wo Unit Inoperabl Location : Wo	est Facade e, Extent : .						
Windows								
Steel	100% No Air Infiltration Location: The Corrosion/Russ Location: The Thermally Ineff Location: The Location: The Location: The Corosion of the Location of the	roughout ting, Extent roughout ficient, Ext	t : Severe, Ared	a Affected	d : 50%	* 5	\$94,100	A
Parapets Masonry: Brick	95% None of the State of the St		\$109,000 ent : Moderate	LIFE , Area A <u>j</u>	* fected : 10%	* 5	\$8,200	A
	Worn/Eroded, Location : Th		oderate, Area A	Affected .	30%			
Masonry: Limestone	5%			LIFE	*	* 5-10	\$5,300	A
Roof Matal Banal	10%			2027	*	* 10	\$16,800	<b>A</b>
Metal Panel Skylight, Metal/Glass	5%			2037 2024	\$615,60		\$15,300	A A
Spray-on Foam	85%			2029	ψ015,00 *		\$104,100	A
terior							·	
Floors	220/			LIEE	*	* <i>-</i>	¢107.200	C
Cast in Place Concrete Ceramic Tile	23% 2%			LIFE	*	5	\$197,200	C C
Wood		ow	\$619,900	2033 2039	*		\$3,900 \$137,800	C
.,,,,,	75% Now \$619,900 2039 ** 5 \$137,800 C  Deteriorated Finish, Extent: Severe, Area Affected: 50%  Location: Fourth Floor							
	Split/Cracked, Location : Fo			ected : 25	5%			
	Worn/Eroded, Location : Fo			Affected .	50%			

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

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

Asset #: 2155

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Interior									
Interior Walls									
Concrete Masonry Unit	5%			LIFE	* *	5	\$1,300	C	
Gypsum Board	10%			LIFE	* *	5-10	\$5,400	C	
Masonry: Brick	50%			LIFE	* *	10	\$4,800	C	
Masonry: Brick	25%	Now	\$107,600	LIFE	* *			C	
	Worn/Ero	ded, Extent	: Severe, Area Aff	ected : 2	5%				
	Location	: First And	d Fourth Floors						
Plaster	10%			LIFE	* *	5-10	\$2,700	С	
Ceilings									
AcousTileSusp.Lay-In	5%			2029	* *	5	\$9,800	В	
Exposed Struc: Wood	25%			LIFE	* *	10	\$73,500	В	
Gypsum Board	10%	Now	\$246,500	LIFE	* *	5	\$24,500	В	
<b>7</b> 1	Broken/Missing Elements, Extent: Severe, Area Affected: 30%								
	Location	ı : First Flo	oor						
	Punct/Tea	r/Impact D	amage, Extent : Se	vere. Are	ea Affected : 35%				
		a : First Flo		,	33				
Gypsum Board	40%			LIFE	* *	5-10	\$269,400	В	
Plaster	20%			LIFE	* *	5-10	\$67,400	В	

Electrical		Current F	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Over 600 Volts								
Service Equipment								
Under Construction	100%							D
Transformers								
Liquid Filled		2-4 led Life, Ex : Electrica	\$16,600 tent : Moderate, A al Room	2044 rea Affect	* * ed : 100%	3	\$600	В
	Other Obs	ervation, E	Extent : Moderate, A	Area Affec	cted : 100%			
	Location	: Electrica	al Room					
	Explana	tion : Six 3	00 Kva 4160v-480v	v/277v				
<b>Under Construction</b>	50%							D
Feeders								
Busway	100%			2022	\$67,700	1		В
Raceway								
Tray	100%			2022	\$3,500	1		В
Under 600 Volts								
Service Equipment								
Fused Knife Sw	100%	0-2	\$28,500	2054	* *	5	\$300	В
	Obsolete l	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					

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

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

Asset #: 2155

Electrical	Curren	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Dat Total (Years	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts							
Switchgear / Switchboard	1000/ 0.3	<b>450.200</b>	2074	de de	_	<b>#200</b>	
Fused Knife Sw	100% 0-2	\$59,300	2054	**	5	\$300	В
	Location : Electri	t, Extent : Moderate,	, Агеа Ајј	естеа : 100%			
		Extent : Moderate, A	Area Affe	cted : 100%			
	Location : Electri		110011990	. 10070			
	Explanation : Ob.						
Raceway	•	1 1					
Conduit	100%		2024	\$77,300	1		В
Panelboards							
Fused Disc Sw	20%		2023	\$10,100	5	\$600	В
Molded Case Bkrs	30%		2032	* *	5	\$1,100	В
Molded Case Bkrs	50%		2023	\$25,300	5	\$1,800	В
Wiring	700/ 2.4	¢25,200	2040	* *	1		D
Braided Cloth	70% 2-4	\$25,200 ctent : Moderate, Are	2049		1		В
		nem . Moderdie, Are shout The Building	и Ајјесте	u . 100/0			
Thermoplastic	30%	nom The Bunding	2024	\$18,100	1		В
Ground	30%		2024	\$10,100	1		Б
Grounding Devices							
Not Accessible	100%						D
Lighting	100/0						
Interior Lighting							
Fluorescent	70%		2019	\$202,600	10	\$84,100	В
	T-12 Lamps, Extens	: Moderate, Area Aj	ffected : I	100%			
	Location : Throug	phout The Building					
Fluorescent	25%		2024	\$72,400	10	\$30,000	В
	-	Moderate, Area Aff	ected : 10	00%			
	Location : Throug	phout The Building					
Fluorescent	5%		2019	\$14,500	10	\$6,000	В
	Other Observation,	Extent: Moderate, A	Area Affe	cted : 100%			
	Location : 1st Flo						
	Explanation : Co	npact Fluorescent Li	ight Fixtu	ires			
Egress Lighting	<b>50</b> 0/		2020	* *	10	¢15 000	D
Emergency, Battery	50%		2029	* *	10	\$15,800	В
Exit, Service Exterior Lighting	50%		2029	25. 46.	1		В
Exterior Lighting HID	100%		2019	\$8,100	10	\$400	В
Alarm	100/0		2019	ψ0,100	10	φ+00	ע
Security System							
No Component	95%						D
Generic	5%		2024	\$22,800	1	\$2,500	В
-		Extent : Moderate, A				, ,- ,-	
	Location : 2nd Fl	oor					
	Explanation: C (	TV Surveillance C	'amera				

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

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

Asset #: 2155

Mechanical	Current Repair	Future Re	Future Replacement		Maintenance				
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Est FY	imated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code			
Heating									
Energy Source	100-1					_			
Natural Gas	100%	2034	* *	1		В			
Conversion Equipment	200/	2020	* *	1	ф12.000	ъ			
Furnace	20% Other Observation Extent : Liel	2029		1	\$13,000	В			
	Other Observation, Extent : Ligh Location : Roof	и, Агеа Ајјестеа . 50	70						
	Explanation : 2 Gas Fired Pac Only	kaged Rooftop Air Co	onditioning U	nits Servi	ing The 4th Floor				
Radiant Heater	10%	2029	* *	2	\$6,100	В			
	Other Observation, Extent : Ligh	nt, Area Affected : 10	0%						
	Location : 4th Floor In Tenant	Location : 4th Floor In Tenant Spaces And Corridors							
	Explanation : Gas Fired Rezno	ors Furnaces							
No Component	70%					D			
Air Conditioning									
Energy Source									
Electricity	100%	2040	* *	1		В			
Conversion Equipment									
Ext Pkg Unit -	20%	2029	* *	2	\$1,600	В			
Heating/Cooling						_			
No Component	80%					D			
Ventilation									
Distribution Ductwork/Diffusers	500/	LIFE	* *	2.5	¢57.000	D			
	50% 50%	LIFE	4-4-	2-5	\$57,800	B D			
No Component Exhaust Fans	30%					D			
Roof	50%	2024	\$59,000	2	\$2,000	В			
No Component	50%	2024	\$33,000	2	\$2,000	D			
Plumbing	3070								
H/C Water Piping									
Galv Iron/Steel	100% 0-2 \$44	4,400 2029	* *	1		В			
	Corroded, Extent : Moderate, An Location : 1st Floor	*							
Water Heater	1000/	2010	<b>422</b> 000		φ4. <b>3</b> 00				
Electric	100%	2019	\$23,000	4	\$1,200	В			
Sanitary Piping Cast Iron	100%	LIFE	* *	1		В			
Storm Drain Piping	100/0	LIIL		1					
Cast Iron	100%	LIFE	* *	1		В			
Fixtures									
Generic	100%					В			
Vertical Transport									
Elevators									
Geared Traction	100%	LIFE	* *			C			
	Other Observation, Extent: Ligh	nt, Area Affected : 10	0%						
	Location: 1-4								
	Explanation : One Freight Ele	vator							

#### 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.

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

<sup>\*\*</sup> 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 \$36.700	В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,294,800	\$173,000
Interior Architecture	\$1,038,100	\$155,400
Electrical		\$104,900
Mechanical		\$40,700
Total	\$2,333,000	\$474,000
Priority A	\$1,294,800	\$173,000
Priority B	\$475,300	\$145,600
Priority C	\$562,800	\$155,400
Total	\$2,333,000	\$474,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$13,700			
Electrical	\$46,500	\$300	\$600	\$400
Mechanical	\$29,000	\$1,900	\$5,300	\$1,900
Total	\$89,200	\$2,300	\$5,800	\$2,300
Priority A	\$13,700			
Priority B	\$75,500	\$2,300	\$5,800	\$2,300
Total	\$89,200	\$2,300	\$5,800	\$2,300



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

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

Asset #: 2156

chitecture	Current Repair Future Replacement Maintenance						
tem Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Cod
erior							
Exterior Walls Masonry: Brick	90% Now  Jnt Mortar Miss/Erod, E  Location: Throughout  Spalling, Extent: Moder  Location: East Facade  Vertical Cracks, Extent:	ate, Area Affecte , West Facade Severe, Area A <u>f</u>	ed : 15%	;	5	\$35,300	A
	Location: West Facad Worn/Eroded, Extent: M Location: Throughout		ffected .	50%			
Metal Coiling Doors	10% Now Corrosion/Rusting, Exter Location: East Facade Deformed/Dented, Exten Location: East Facade	e, West Facade t : Moderate, Ar			5	\$6,100	A
Windows							
	Air Infiltration, Extent: Location: Throughout Corrosion/Rusting, Exter Location: Throughout Glazing Broken/Cracked Location: Throughout Thermally Inefficient, Ex Location: Throughout	nt : Severe, Area	Affected e, Area A	1 : 50% ffected : 50%			
Parapets Cast Stone/Terra Cotta	5%		LIFE	* *	5-10	\$18,900	A
Masonry: Brick	95% Now Jnt Mortar Miss/Erod, E Location: East Facade Misaligned/Bulging, Ext Location: South Facad Worn/Eroded, Extent: M Location: Throughout	e, North Facade ent : Moderate, 1 le	LIFE e, Area A Area Aff	* *  Affected : 50%  Dected : 10%	5	\$12,600	A
Roof	2						
Spray-on Foam	100% Now Drains Inad/Misposn, Extent: Severe Location: West Side Ponding, Extent: Severe Location: West Side Water Penetration, Extent Location: Storage At V Other Observation, Extent Location: West Side	, Area Affected : nt : Moderate, A Vest Side	· 25% rea Affe	cted : 20%	5	\$88,800	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.

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

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

Asset #: 2156

Architecture	Current Repair Future Replacement			e Replacement	M				
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
nterior									
Floors									
Cast in Place Concrete	100% Now Broken/Missing Elen Location: First Fle Misaligned/Bulging, Location: First Fle Worn/Eroded, Extens Location: First Fle	oor Extent : Moderate, oor t : Severe, Area Affa	Area Aff	fected : 25%	5	\$155,400	С		
Interior Walls	Location . First Fit	<i>501</i>							
Masonry: Brick	100% Now Broken/Missing Elen Location: Through Cracking/Crumbling Location: Through Worn/Eroded, Extens	out , Extent : Moderate out t : Moderate, Area 1	, Area Aj	ffected : 20%			С		
	Location : Through	out							
Ceilings							_		
Exposed Struc: Wood Exposed Struc: Wood	75% 25% Now Broken/Missing Elen Location: West Sid Split/Cracked, Exten Location: West Sid Other Observation, I	le t : Severe, Area Affa le	ected : 25	5%	10	\$79,900	B B		
	Location: West Side								
	Explanation : Secti	on Of Ceiling Colla	psed						

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nder 600 Volts								
Raceway								
Conduit	100%			2024	\$21,500	1		В
Panelboards								
Fused Disc Sw	50%			2032	* *	5	\$300	В
Fused Knife Sw	30%	0-2	\$24,300	2049	* *	5	\$100	В
	On Extende	ed Life, Exte	nt : Moderate, Ai	ea Affec	ted : 100%			
	Location	: Throughou	ıt The Building					
Molded Case Bkrs	10%			2023	\$1,700	5	\$100	В
Molded Case Bkrs	10%			2032	* *	5	\$100	В
Wiring								
Thermoplastic	100%			2024	\$15,100	1		В

Lighting

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

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

Asset #: 2156

Electrical	Current Repair	Future Re	placement	Maintenance					
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code			
Lighting									
Interior Lighting									
Fluorescent	50%	2024	\$52,500	10	\$21,800	В			
	T-8 Lamps, Extent : Moderate, Ard Location : Throughout The Build	55							
Fluorescent	50%	2019	\$52,500	10	\$21,800	В			
	T-12 Lamps, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Build	ling							
Exterior Lighting									
HID	100%	2019	\$1,800	10	\$100	В			
Alarm									
Security System									
No Component	70%					D			
Generic	30%	2024	\$31,000	1	\$3,400	В			
	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location: Outside								
	Explanation : C C T V Surveilla	nce Cameras							

Mechanical	Current Repair		Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Energy Source							
Natural Gas	100%		2044	* *	1		В
Conversion Equipment							
Radiant Heater	100%		2029	* *	2	\$22,000	В
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location : Throughou	ıt					
	Explanation: 10 Uni	ts					
Ventilation							
Exhaust Fans							
Wall Unit	50%		2024	\$40,700	2	\$700	В
No Component	50%						D
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100% 0-2	\$16,100	2029	* *	1		В
	Corroded, Extent: Mo	derate, Area Affec	ted: 309	%			
	Location : Throughou	ıt					
	Leak Evident, Extent:	Moderate, Area A	ffected :	5%			
	Location: Water Ma	in Connection Pip	ie –				
Water Heater							
Electric	100%		2019	\$8,400	4	\$400	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В

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

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

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Plumbing								
Storm Drain Piping								
Cast Iron	100%	Now	\$7,500	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	\$13,300	В

#### Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$2,546,900	\$287,700
Interior Architecture	\$1,059,300	\$867,200
Mechanical	\$175,700	\$66,100
Total	\$3,781,900	\$1,220,900
Priority A	\$2,546,900	\$287,700
Priority B	\$919,900	\$126,700
Priority C	\$315,100	\$806,500
Total	\$3,781,900	\$1,220,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$31,800			
Interior Architecture	\$2,500		\$2,400	
Mechanical	\$11,300	\$1,500	\$4,400	\$800
Elevators/Escalators	\$6,900	\$6,900	\$6,900	\$6,900
Total	\$52,500	\$8,400	\$13,800	\$7,700
Priority A	\$31,800			
Priority B	\$18,200	\$8,400	\$11,400	\$7,700
Priority C	\$2,500		\$2,400	
Total	\$52,500	\$8,400	\$13,800	\$7,700



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

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

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
terior								
Exterior Walls	50/			LIDE	* *	_	¢12 100	
Concrete Masonry Unit	5% 10%		\$194,800	LIFE LIFE	**	5 5	\$12,100 \$19,400	A
Masonry: Brick	Diagonal		tent : Severe, Area			3	\$19,400	A
	Jnt Morta Location	r Miss/Eroo n : At Eleva	d, Extent : Severe, A tor Shaft	00				
		ded, Extent n : West Fac	: Severe, Area Affe cade	ected : 2.	5%			
Masonry: Brick	70%			LIFE	* *	5	\$272,000	A
Metal Coiling Doors	15%		\$355,600	2029	* *	5	\$45,500	Α
	Location	n : Through						
	-	l/Dented, Ex n : Through	xtent : Moderate, A out	rea Affe	cted : 25%			
Windows								
Aluminum	10%		4004000	2040	**	5	\$1,500	A
Steel	-	ation, Exter	\$806,800 ut : Severe, Area A <u>f</u>	2049 fected : :	**	5	\$86,700	A
	Location: Throughout  Corrosion/Rusting, Extent: Severe, Area Affected: 25%  Location: Throughout							
	Thermally	_	, Extent : Severe, A	rea Affe	cted : 100%			
	Unit Inop	_	ent : Severe, Area A	Affected :	25%			
Parapets								
Cast Stone/Terra Cotta			\$25,000 nents, Extent : Seve	LIFE re, Area	* * Affected : 25%	5	\$3,600	A
		r Miss/Eroo n : Coping	d, Extent : Moderat	e, Area 1	Affected : 50%			
Masonry: Brick	Location	Crumbling, n : Through				5	\$8,900	A
		ded, Extent n : Through	: Moderate, Area A out	Affected	: 25%			

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

Asset #: 2428

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior								
Roof								
Modified Bitumen	Location	Extent : Mo i : Through						A
		r/Impact D 1 : Through	out Extent : Mo	oderate,	Area Affected : 20	%		
		ded, Extent 1 : Through	: Moderate, Area A out	Affected	: 25%			
Skylight, Metal/Glass	Location Corrosion	issing Elen 1 : Over Ele /Rusting, E	\$115,600 nents, Extent : Mod evator Shaft Extent : Moderate, A evator Shaft					A
Interior Floors			<u> </u>					
Cast in Place Concrete	_		\$279,400 , Extent : Moderate por	LIFE , Area A	** ffected : 25%	5	\$806,500	С
Vinyl Tile	5%			2029	* *	3	\$7,300	С
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$5,000	C
Masonry: Brick	95%			LIFE	* *	10	\$35,800	C
Ceilings Exposed Concrete			\$744,200 Extent : Light, Are Beams	LIFE ea Affect	* * ed : 10%	5	\$60,600	В

lectrical		Current F	Repair	Futu	e Replacement	M	aintenance	
estem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
er 600 Volts								
Service Equipment								
Not Accessible	100%							D
	Other Obs	ervation, E	Extent : Light, Area	Affected	!:0%			
	Location	:						
	Explanat	ion : Aban	doned Building					
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.

<sup>\*\*</sup> 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts								
Service Equipment								
Not Accessible	100%							D
Transformers								
Not Accessible	100%							D
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

echanical	Current Repair	Future R	eplacement	M	aintenance	
stem Component Type	% of Fail Date Estimated Co. Total (Years)	st Year Es FY	stimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
ating						
Energy Source						
Natural Gas	15%	2044	* *	1		В
	Other Observation, Extent : Light, Ar	rea Affected : 1.	5%			
	Location: Throughout					
	Explanation : Only 1st Floor Is Cur Not Accessible	rently Occupie	d - 2nd Thru 7th	h Floors	Are Vacant And	
No Component	85%					D
No Component Conversion Equipment	85%					D
	85% 15%	2029	* *	2	\$18,000	D B
Conversion Equipment				2	\$18,000	
Conversion Equipment	15%			2	\$18,000	
Conversion Equipment	15% Other Observation, Extent : Light, An	rea Affected : 1.	5%		. ,	
Conversion Equipment	15% Other Observation, Extent : Light, An Location : First Floor	rea Affected : 1.	5%		. ,	
Conversion Equipment Radiant Heater	15% Other Observation, Extent : Light, Ar Location : First Floor Explanation : Heating Equipment I.	rea Affected : 1.	5%		. ,	В
Conversion Equipment Radiant Heater  No Component	15% Other Observation, Extent : Light, Ar Location : First Floor Explanation : Heating Equipment I.	rea Affected : 1.	5%		. ,	В

Plumbing

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

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

Current Repa	ir Futu	e Replacement	M	aintenance	
% of Fail Date Est Total (Years)	timated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
1000/ 17	Φ177.700 2020	ماء ماء			ъ.
	· · · · · · · · · · · · · · · · · · ·		1		В
		9%			
Location : 1st Floor &	Inrougnout				
1000					_
100%	LIFE	* *	1		В
100%	LIFE	* *	1		В
100%	2015	\$6,200	4	\$2,000	В
100%	2024	\$10,300	4	\$2,000	В
100%					В
100%	LIFE	* *			C
Other Observation, Exten	t : Light, Area Affectea	! : 100%			
Location: 1-7					
Explanation: One Unit					
100%					D
100%					D
100%					D
100%					D
	% of Fail Date Est Total (Years)  100% Now Corroded, Extent: Model Location: 1st Floor & 7  100%  100%  100%  100%  100%  Other Observation, Exten Location: 1-7 Explanation: One Unit  100%  100%  100%	% of Total (Years)  100% Now \$175,700 2029 Corroded, Extent: Moderate, Area Affected: 20 Location: 1st Floor & Throughout  100% LIFE  100% 2015  100% 2024  100% LIFE  Other Observation, Extent: Light, Area Affected Location: 1-7 Explanation: One Unit	Wof Total   Fail Date   Estimated Cost   Year   Estimated Cost   Total   (Years)	% of Total   Total   Fail Date   Estimated Cost   Year   FY   Estimated Cost   (Yrs)	100%   Now   \$175,700   2029     **   1

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$2,242,800	\$513,100
Interior Architecture	\$1,787,700	\$527,200
Electrical		\$637,300
Mechanical		\$192,800
Total	\$4,030,500	\$1,870,400
Priority A	\$2,242,800	\$513,100
Priority B	\$758,500	\$1,083,800
Priority C	\$1,029,300	\$273,500
Total	\$4,030,500	\$1,870,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$17,000			_
Interior Architecture	\$41,400			\$6,300
Electrical	\$33,500	\$1,900	\$3,900	\$1,900
Mechanical	\$7,900	\$11,800	\$7,900	\$11,100
Elevators/Escalators	\$14,800	\$14,800	\$14,800	\$14,800
Total	\$114,600	\$28,500	\$26,600	\$34,200
Priority A	\$17,000			
Priority B	\$84,000	\$28,500	\$26,600	\$27,800
Priority C	\$13,600			\$6,300
Total	\$114,600	\$28,500	\$26,600	\$34,200



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

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

Asset #: 2157

rchitecture	Current	Repair	Future Re	placement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Est FY	imated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
xterior							
Exterior Walls					_		
Cast in Place Concrete	5% Now	\$35,500	LIFE	**	5	\$27,600	Α
	Cracking/Crumbling Location: Bulkhed		e, Area Affecte	ed : 10%			
	Spalling, Extent : Li		150/				
	Location : Bulkhed		13/0				
Magangu Priok	90%		LIFE	* *	5	\$199,000	A
Masonry: Brick Metal Coiling Doors	90% 5%		2029	**	5	\$199,000	A A
Windows	370		2029			\$17,500	Λ
Aluminum	5%		2040	* *	5	\$1,200	A
Steel	95% Now	\$1,351,000	2049	* *	5	\$145,200	A
	Air Infiltration, Exte		a Affected : 50	)%		, ,	
	Location: Through	hout					
	Corrosion/Rusting,	Extent : Moderate, A	Area Affected	: 25%			
	Location: Through	hout					
	Glazing Broken/Cra		erate, Area Afj	fected : 25%			
	Location : Through						
	Thermally Inefficien		e, Area Affecte	ed : 100%			
_	Location: Through	nout					
Parapets	0.50/		LIPP	* *	<b>5</b> 10	Φ <b>5</b> 0, <b>5</b> 00	
Masonry: Brick	95%	¢1.6.400	LIFE	**	5-10	\$59,500	A
Masonry: Limestone	5% Now Misaligned/Bulging,	\$16,400	LIFE		5	\$600	A
	Location: Coping	Extent . Severe, Ar	еи Ајјестеи	20/0			
	Caulking Deteriorat	ed Extent · Severe	Area Affected	1 · 50%			
	Location: Coping	eu, Esterii . Severe,	Tirea Tijjeerea				
	Other Observation,	Extent : Moderate, 2	Area Affected	: 30%			
	Location: Coping		00				
	Explanation: Cov	ered With Tar					
Roof							
Modified Bitumen	98% Now	\$706,000	2034	* *			A
	Miss/Damaged Flas Location : Section		lerate, Area Aj	ffected : 25%			
	Seams Open/Split, E Location : Section		rea Affected :	25%			
	Water Penetration,	Extent : Moderate, A	Area Affected	: 15%			
	Location : Fifth Fl Worn/Eroded, Exten		Affected . 500	V <sub>0</sub>			
	Location : Through		пујестей . 30%	υ			
Skylight, Metal/Glass	2%	· · · · ·	2024	\$268,400	10	\$6,700	A
· Skylight, Wetai/Glass	270		2027	Ψ200,π00	10	Ψ0,700	11

Interior

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

Asset #: 2157

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
terior								
Floors						_		
Cast in Place Concrete	15%	Now	\$173,000	LIFE	**	5	\$83,200	С
		_	Extent: Moderate	e, Area A	ffected: 25%			
		: Loading	Areas tent : Moderate, A	noa Afford	ata d . 250/			
		: Loading		геи Ајјес	леа . 2570			
		_	: Moderate, Area	Affected	. 25%			
		: Loading		пусстей	. 2570			
Ceramic Tile	5%			2033	* *	5	\$12,700	C
Wood	80%	Now	\$856,200	2039	* *	5	\$190,300	Č
		Evident, E : Through	Extent : Moderate, A out	Area Affe	ected : 25%			
	Deteriorated Finish, Extent : Moderate, Area Affected : 50% Location : Throughout							
	Split/Cracked, Extent : Moderate, Area Affected : 25%							
	Location : Second Floor							
		ded, Extent : Second I	: Moderate, Area . Floor	Affected	: 25%			
Interior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	\$2,500	C
Gypsum Board	10%			LIFE	* *	5-10	\$5,400	C
Masonry: Brick	65%			LIFE	* *	10	\$6,200	C
Plaster	15%			LIFE	* *	5-10	\$4,100	С
Ceilings	4.0						<b>* * 0 * 0 0</b>	_
Exposed Struc: Steel	10%		****	LIFE	**	10	\$50,700	В
Gypsum Board	10%	Now	\$319,200	LIFE	**	5	\$31,700	В
		ssing Elem : First Flo	ents, Extent : Seve oor	re, Area	Affected : 50%			
Cumaum Daard		. Fusi Fto		LIDE	* *	5 10	¢610.500	D
Gypsum Board	70%			LIFE LIFE	**	5-10 5-10	\$610,500	B B
Plaster	10%			LIFE	* *	3-10	\$43,600	В

lectrical	Current Repair	Future Repl	Future Replacement		Maintenance	
stem Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estin FY	nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2034	* *	5	\$800	В
	Other Observation, Extent : Moderate	e, Area Affected :	100%			
	Location : Electrical Room					
	Explanation : Main Service Switche	es Rated @ 1- 600	Amperes Ar	id 2- 400	Amperes	
Switchgear / Switchboard						
Fused Disc Sw	100%	2034	* *	5	\$800	В
Raceway						
Conduit	100%	2034	* *	1		В

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

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

Asset #: 2157

Electrical		Current F	Repair	Futur	e Replacement	Maintenance			
System Component Type		ail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Under 600 Volts									
Panelboards									
Fused Disc Sw	10%			2032	* *	5	\$400	В	
Fused Toggle Switch	10%	2-4	\$10,100	2049	* *	5	\$200	В	
		On Extended Life, Extent : Moderate, Area Affected : 100%							
	Location :	Through	out The Building						
Molded Case Bkrs	80%			2032	* *	5	\$3,600	В	
Wiring									
Braided Cloth	10%	2-4	\$5,400	2049	* *	1		В	
		0 .	nt : Moderate, Are	a Affecte	ed : 100%				
	Location:	Through	out The Building						
Thermoplastic	90%			2034	* *	1		В	
Motor Controllers									
Locally Mounted	100%			2029	* *	5	\$1,100	В	
Ground									
Grounding Devices									
Not Accessible	100%							D	
Lighting									
Interior Lighting									
Fluorescent	80%			2024	\$299,800	10	\$124,400	В	
	T-8 Lamps,	Extent : N	Aoderate, Area Affe	ected : 1	00%				
	Location:	Through	out The Building						
Fluorescent	10%			2019	\$37,500	10	\$15,500	В	
	T-12 Lamps	T-12 Lamps, Extent: Moderate, Area Affected: 100%							
	Location :	Through	out The Building	,					
HID	10%		<del>-</del>	2024	\$10,400	10	\$600	В	
Egress Lighting	1070			2021	ψ10,100	10	φοσσ		
Emergency, Battery	50%			2024	\$35,000	10	\$20,500	В	
Exit, Service	50%			2024	\$14,000	10	Ψ20,300	В	
Exterior Lighting	3070			2024	Ψ14,000				
HID	100%			2019	\$10,400	10	\$500	В	
Alarm	10070			2017	Ψ10,100	10	Ψ500		
Security System									
No Component	70%							D	
Generic	30%			2024	\$175,500	1	\$19,100	В	
Generic		vation F	xtent : Moderate, A			1	Ψ12,100	ע	
			out The Building	11,50					
		_	TV Surveillance C	ameras					
	Елрианин	m. C C I	v Surveillance C	umerus					

Mechanical	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Energy Source							
Electricity	10%		2044	* *	1		В
Natural Gas	90%		2044	* *	1		В

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

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

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating								
Conversion Equipment								
Furnace	40%			2024	\$94,000	1	\$33,600	В
Hot Water Boiler	10%			2044	* *	1	\$8,400	В
		servation, E 1 : 2nd Floo	Extent : Light, Area or	Affected	! : 100%			
		tion : One l d By Sandy	Unit Serves Offices	On 2nd	Floor, Installed To	Replace	Two Units	
No Component	50%							D
Terminal Devices								
Convector/Radiator	10%			2037	* *	1	\$5,500	В
No Component	90%							D
Air Conditioning								
Energy Source								
Electricity	100%			2040	* *	1		В
Conversion Equipment								
Window/Wall Unit	25%			2019	\$98,800	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	\$2,000	В
Fixtures								
Generic	100%							В
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			C
	Other Obs	servation, E	Extent : Light, Area	Affected	! : 100%			
	Location	ı : 1-5						
	Explana	tion : 3 Fre	eight - One Is Not I	n Service	2			
Fire Suppression								
Sprinkler								
Generic	100%			2044	* *	1-2	\$47,600	В

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024		
Exterior Architecture	\$1,376,800	\$217,000		
Interior Architecture	\$1,242,600	\$344,400		
Electrical	\$129,700	\$1,848,400		
Mechanical	\$311,000			
Total	\$3,060,100	\$2,409,800		
Priority A	\$1,376,800	\$217,000		
Priority B	\$771,400	\$1,848,400		
Priority C	\$911,900	\$344,400		
Total	\$3,060,100	\$2,409,800		

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$39,000			
Interior Architecture	\$87,100		\$7,300	\$7,300
Electrical	\$48,400	\$6,100	\$6,100	\$9,900
Mechanical	\$58,100	\$30,600	\$27,000	\$30,600
Elevators/Escalators	\$23,700	\$23,700	\$23,700	\$23,700
Total	\$256,300	\$60,400	\$64,200	\$71,600
Priority A	\$39,000			
Priority B	\$194,500	\$60,400	\$56,800	\$64,300
Priority C	\$22,800		\$7,300	\$7,300
Total	\$256,300	\$60,400	\$64,200	\$71,600



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

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

Asset #: 2158

rchitecture	Current Repair		Future Replacement		Maintenance			
ystem Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
kterior								
Exterior Walls								
Cast in Place Concrete	5%		LIFE	* *	5	\$60,700	A	
Masonry: Brick	85% Now Misaligned/Bulgin Location: Bulkh	\$344,800 g, Extent : Moderate eads	LIFE , Area Aff	* * ected : 10%	5	\$103,100	A	
	Painted Surfaces, Extent : Moderate, Area Affected : 75%  Location : Throughout							
		Moderate, Area Affed	ted : 20%	ó				
	Location : South							
	Worn/Eroded, Ext Location : Throu	ent : Moderate, Area ghout	Affected	: 25%				
Metal Sect. OHD	10%		2029	* *	5	\$37,900	A	
Windows								
Aluminum	100% Now Air Infiltration, Ex Location: Throu	\$945,600 tent : Moderate, Are ghout	2049 a Affectea	* * ! : 50%	5	\$9,900	A	
	Deteriorated Finish, Extent : Moderate, Area Affected : 50% Location : Throughout							
	Thermally Inefficient Location: Throu	ent, Extent : Moderai ghout	e, Area A	ffected : 100%				
Parapets								
Masonry: Brick	95% Now Spalling, Extent: I Location: Interior	\$86,500 Moderate, Area Affec or Face	LIFE eted : 25%	* *	5	\$6,500	A	
	Worn/Eroded, Ext Location : Throu	ent : Moderate, Area ghout	Affected .	: 25%				
Masonry: Limestone	5%		LIFE	* *	5-10	\$4,200	A	
Roof								
Built-Up (BUR)	5%		2024	\$24,700	10	\$4,600	A	
Skylight, Metal/Glass	2% Now \$4,900 2044 ** A Glazing Broken/Cracked, Extent: Moderate, Area Affected: 10%							
	Location : Stair Water Penetration Location : Throu	, Extent : Moderate, ghout	Area Affe	cted : 20%				
Spray-on Foam	93%		2029	* *	5	\$113,900	A	

Interior

<sup>\*\*</sup> 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

rchitecture		Current Repair		Future Replacement		Maintenance		
ystem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
terior								
Floors								
Carpet	5%			2023	\$86,400	3	\$22,000	C
Cast in Place Concrete	15%			LIFE	* *	5	\$192,900	C
Cast in Place Concrete	15%	Now	\$133,600	LIFE	* *	5	\$96,400	C
	Cracking/	Crumbling,	Extent: Moderate	, Area Aj	ffected : 25%			
	Location	: Loading	Area					
	Uneven Sı	ıbstrate, Ex	tent : Moderate, A	rea Affec	ted : 25%			
	Location	: Loading	Area					
Ceramic Tile	5%			2033	* *	5	\$14,700	С
Terrazzo	5%			LIFE	* *	5	\$23,000	C
Wood	55%	Now	\$681,900	2039	* *	5	\$151,500	C
	Deflection	Evident, E	Extent : Moderate, A	Area Affe	cted : 25%		, ,	
	Location	: Through	out					
	Deteriora	ted Finish,	Extent : Moderate,	Area Aff	fected : 50%			
	Location	: Through	out					
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$1,300	C
Gypsum Board	5%			LIFE	* *	5-10	\$2,700	C
Masonry: Brick	85%			LIFE	* *	10	\$8,100	C
SGFT/Glazed Masonry	5%			LIFE	* *	10	\$800	C
Ceilings								
AcousTileSusp.Lay-In	5%			2029	* *	5	\$14,700	В
Exposed Concrete	10%			LIFE	* *	5-10	\$36,700	В
Exposed Struc: Wood	75%			LIFE	* *	10	\$330,600	В
Plaster	10%			LIFE	* *	5-10	\$50,500	В

Electrical	Current Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2024	\$32,400	5	\$5,800	В
	Other Observation, Extent: Moderate,	Area Affe	ected : 100%			
	Location : Electrical Room					
	Explanation : No Available Nameplat	e Ratings				
Switchgear / Switchboard						
Molded Case Bkrs	100%	2024	\$118,600	5	\$5,800	В
Raceway						,
Conduit	10%	2044	* *	1		В
Conduit	90%	2024	\$139,200	1		В

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

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

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

Asset #: 2158

Electrical	Current Rep	Current Repair		e Replacement	Ma		
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts							
Panelboards	100/		2022	<b>#10.100</b>	_	Φ	
Fused Disc Sw	10%	¢10,100	2023	\$10,100 * *	5	\$500	В
Fused Knife Sw	10% 2-4 Obsolete Equipment, Ex	\$10,100	2049		5	\$300	В
	Location : Throughout		Area Ajj	eciea . 100%			
	On Extended Life, Exten		ea Affeci	ted : 100%			
	Location : Throughout						
Molded Case Bkrs	80%		2023	\$80,900	5	\$4,600	В
Wiring				+		+ 1,000	
Braided Cloth	60% 2-4	\$30,000	2049	* *	1		В
	Insulation Aged, Extent		a Affecte	d: 100%			
	Location: Throughout						
Thermoplastic	40%		2024	\$48,400	1		В
Ground							
Grounding Devices	1000/						
Not Accessible	100%						D
Lighting Interior Lighting							
Interior Lighting Fluorescent	20%		2024	\$86,800	10	\$36,000	В
Puorescent	T-8 Lamps, Extent : Mod	derate. Area Affa			10	\$50,000	Б
	Location : 1st Floor						
Fluorescent	5%		2024	\$21,700	10	\$9,000	В
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location: 1st Floor						
	Explanation: Compac	t Fluorescent Li	ght Fixtu	res			
Fluorescent	72%		2019	\$312,600	10	\$129,700	В
	T-12 Lamps, Extent: Mo		fected : 1	100%			
	Location: Throughout	The Building					
HID	3%		2019	\$3,600	10	\$200	В
Egress Lighting							
Emergency, Battery	50%		2029	* *	10	\$23,700	В
Exit, Service	50%		2029	* *	1		В
Exterior Lighting	1000/		2010	¢12.400	10	ф <b>7</b> 00	D
HID	100%		2019	\$13,400	10	\$700	В
Alarm Security System							
No Component	70%						D
Generic	30%		2019	\$225,000	1	\$24,500	В
	Other Observation, Exte	nt : Moderate, A			-	<i>421,500</i>	-
	Location: Hallways						
	Explanation: Intrusion	n Alarm Only					

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

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

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

Asset #: 2158

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Alarm						
Fire/Smoke Detection						
No Component	70%					D
Generic	30%	2019	\$770,200	1-3	\$41,700	В
	Other Observation, Extent : Modera	te, Area Affe	cted : 100%			
	Location: Hallways					
	Explanation: Manual Pull Station	And Alarm I	Bells			

Mechanical		Current Repair Future Repl		e Replacement	acement Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Cod
leating	•							
Energy Source Interruptible Gas/Dual Fuel	100%			2034	* *	1		В
Conversion Equipment								
Steam Boiler	100%			2029	* *	1	\$194,700	В
			Extent : Light, Area	Affected	: 100%			
			oom - First Floor					
<del></del>	Explana	tion: 2 Un	its					
Distribution	1000/	M	¢211.000	2024	* *	4	¢0.700	D
Steam Piping/Pump	100%		\$311,000 Ioderate, Area Affe	2034		4	\$9,700	В
		, Exieni . M 1 : Various		ciea . 50)	<b>∕</b> 0			
Terminal Devices	Locuitor	i. various	Locuitons					
Convector/Radiator	60%			2029	* *	1	\$38,100	В
No Component	40%			2029		1	\$30,100	D
Ventilation	4070							<u>D</u>
Exhaust Fans								
Wall Unit	5%			2029	* *	2	\$300	В
No Component	95%						, , , ,	D
lumbing								
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%		\$31,100	LIFE	* *	1		В
			evere, Area Affecte	d : 40%				
	Location	ı : Various	Locations					
Fixtures								
Generic	100%							В
Vertical Transport								
Elevators	1000/			TIPP	* *			
Geared Traction	100%		Entant . Liaht A	LIFE				С
	Location		Extent : Light, Area	Ајјестеа	. 100%			
			ita					
Note: All component repairs \$ estin		tion: 4 Un		1.0				

Estimates are rounded to the nearest hundred dollars.

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

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

# 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 \$55,100	В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$842,800	
Interior Architecture	\$173,600	
Total	\$1,016,400	
Priority A	\$842,800	
Priority B	\$58,600	
Priority C	\$114,900	
Total	\$1,016,400	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$29,400			
Interior Architecture	\$32,400			\$100
Total	\$61,800			\$100
Priority A	\$29,400			
Priority B	\$21,100			
Priority C	\$11,300			\$100
Total	\$61,800			\$100



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

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

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

rchitecture	Current Repair Future Replacement Maintenance						
stem Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
terior							
Exterior Walls							
Masonry: Brick	90% Now Diagonal Cracks, Exter Location: East Facad Int Mortar Miss/Erod, I Location: Throughou Misaligned/Bulging, Ex Location: South Faca	le,Throughout Extent : Severe, A t tent : Severe, Ar	Area Affe ea Affect	cted : 100%	5	\$15,000	A
Metal Coiling Doors	10% Now Corrosion/Rusting, Exte Location: South Face Deformed/Dented, Exte Location: South Face	\$101,700 ent : Severe, Are ide, Throughout nt : Severe, Area	2044 a Affecte		5	\$2,600	A
Windows	Location . South Fact	ue, Inroughoui					
Glass Block	15%		LIFE	* *	5	\$200	A
Steel	25% Now	\$12,800	2049	* *	5	\$1,400	A
	Location: Throughou Corrosion/Rusting, Exte Location: Throughou Glazing Broken/Cracke Location: Throughou Thermally Inefficient, E Location: Throughou	ent : Moderate, A t d, Extent : Seven t xtent : Severe, A t	e, Area A rea Affec	ffected : 50%			
Wood	60% Now Deteriorated Finish, Ex Location: Throughou Thermally Inefficient, E Location: Throughou Split/Cracked, Extent: Location: Throughou Unit Inoperable, Extent Location: Throughou	t Extent : Severe, A t Severe, Area Aff t : Severe, Area A	rea Affec	ted : 100%	5	\$2,600	A
Parapets							
Masonry: Brick	100% Now Diagonal Cracks, Exter Location: Throughou Misaligned/Bulging, Ex Location: East Facad Miss/Damaged Copings Location: Throughou	t tent : Severe, Ar le, Throughout s, Extent : Severe	ea Affect	ed : 50%	5	\$5,300	A

<sup>\*\*</sup> 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	Current Repair		Future Replacement		Maintenance	
lystem Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
xterior							
Roof Built-Up (BUR)	50% Now	\$97,500	2034	* *			Α
Built of (Bolt)	Blisters, Extent : Sev						11
	Location : Through						
	Water Penetration, I		a Affected	! : 50%			
	Location: Train G Worn/Eroded, Exten	•	ected : 50	0/2			
	Location: Through			, 0			
Modified Bitumen	50% Now	\$130,400	2034	* *			A
	Blisters, Extent : Sev Location : Through	ere, Area Affected	50%				
	Deteriorated Finish,		ea Affecte	ed : 100%			
	Location: Through						
	Water Penetration, I Location: Over Sh		a Affected	2 : 50%			
terior	Location . Over Si	ф					
Floors							
Cast in Place Concrete	90% Now	\$47,900	LIFE	**	5	\$23,000	C
	Cracking/Crumbling Location: Through		, Area Aff	ected: 25%			
Vinyl Tile	10% Now	\$11,100	2034	* *	3	\$400	C
villyl The	Punct/Tear/Impact I			a Affected : 100%		φ400	C
	Location : Through	hout					
	Worn/Eroded, Exten		ected : 50	%			
Interior Walls	Location : Through	10Ut					
Concrete Masonry Unit	10%		LIFE	* *	5	\$300	С
Masonry: Brick	85% Now	\$67,100	LIFE	* *		Ψ200	Č
•	Diagonal Cracks, E.		Affected :	25%			
	Location: Train G	•	. 1 25	0./			
	Worn/Eroded, Exten Location : Train G		ectea : 55	%			
Plywood/Hardboard	5%		LIFE	* *	10		C
Ceilings	270		<u> </u>		10		
AcousTileSusp.Lay-In	10% Now	\$7,800	2044	* *	5	\$600	В
	Broken/Missing Eler		erate, Are	a Affected : 30%			
	Location: Through Worn/Eroded, Exten		ected · 50	0/0			
	Location: Through			<i>,</i> 0			
Exposed Concrete	40%		LIFE	* *	5-10	\$5,900	В
Exposed Struc: Steel	35%		LIFE	* *	10	\$8,200	В
Exposed Struc: Wood	15% Now	\$58,600	LIFE	**			В
	Broken/Missing Eler	nents, Extent : Seve	re, Area A	Affected: 25%			
	Location : Shop Dry Rot/Decay, Exte	ent : Severe Area A	ffected · 2	5%			
	Location : Shop	Severe, meu A	jeeneu . 2	-,0			

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

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

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

Asset #: 1582

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

<sup>\*\*</sup> 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024		
Exterior Architecture	\$3,568,200	\$300,000		
Interior Architecture	\$1,869,700			
Electrical	\$74,200			
Mechanical	\$753,500	\$133,900		
Total	\$6,265,600	\$434,000		
Priority A	\$3,568,200	\$300,000		
Priority B	\$1,677,300	\$133,900		
Priority C	\$1,020,100			
Total	\$6,265,600	\$434,000		

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$19,100			
Interior Architecture				\$4,100
Electrical	\$52,400			\$2,100
Mechanical	\$27,000	\$3,200	\$2,900	\$9,200
Total	\$98,500	\$3,200	\$3,000	\$15,400
Priority A	\$19,100			
Priority B	\$79,400	\$3,200	\$3,000	\$11,300
Priority C				\$4,100
Total	\$98,500	\$3,200	\$3,000	\$15,400



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

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

Asset #: 2427

rchitecture	Current I	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
terior			•				•
Exterior Walls							
Cast in Place Concrete	5% Now Broken/Missing Elen Location : North Si Cracking/Crumbling Location : North Si	de , Extent : Moderate			5	\$13,700	A
Cast Iron	5% Now Corrosion/Rusting, E Location: Columns Deteriorated Finish, Location: Columns	s At West Facade Extent : Moderate,					A
Cement-Fiber Panel	30% Now Broken/Missing Elen Location: East Fac Punct/Tear/Impact D Location: East Fac Worn/Eroded, Extend Location: East Fac	cade Oamage, Extent : Se cade t : Severe, Area Aff	vere, Are	ea Affected : 25%			A
Metal Panel	40% Now Corrosion/Rusting, E Location: East Fac Deformed/Dented, E. Location: East Fac Deteriorated Finish,	cade xtent : Severe, Arec cade, North Facade Extent : Severe, Ar	ı Affectea	1 : 25%	5	\$41,200	A
	Location : Through						
Metal Coiling Doors	10% Now Broken/Missing Elen Location: West Fa Corrosion/Rusting, E Location: West Fa Deteriorated Finish, Location: West Fa	cade Xtent : Severe, Are cade Extent : Severe, Ar	a Affecte	d : 25%	5	\$8,600	A
Stucco Cement	10% Now Cracking/Crumbling Location: East Fac		2028 , Area Aj	* * ffected : 25%	5	\$6,900	A
Windows							
Aluminum Steel	35% 65% Now Corrosion/Rusting, E Location: Through Deteriorated Finish, Location: Through	out Extent : Severe, Ar out	ea Affect	ed : 50%	5 5	\$22,300 \$258,800	A A
	Thermally Inefficient Location : Through		rea Affec	eted : 100%			

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

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

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

Architecture	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost   Year   Estimated Cost   FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior					
Parapets	4000/ 37	200 2000 the		<b>#10.000</b>	
Metal Panel	100% Now \$174		5	\$18,000	A
	Corrosion/Rusting, Extent: Mode	erate, Area Affected : 25%			
	Location: Throughout Deteriorated Finish, Extent: Mod	donato Area Affordad . 500/			
	Location: Throughout	ueruie, Area Ajjeciea . 50%			
Roof	Locuiton . Infoughout				
Single Ply Membrane	100% Now \$222	.100 2033 **			A
Single 1 ly Welliotane	Punct/Tear/Impact Damage, Exte				7.1
	Location : Throughout				
	Staining/Discoloring, Extent : Me	oderate, Area Affected : 50%			
	Location : Throughout	-			
	Water Penetration, Extent : Seven	re, Area Affected : 25%			
	Location: Over Third Floor				
Interior					
Floors					
Cast in Place Concrete		,500 LIFE **	• 5	\$30,500	C
	Cracking/Crumbling, Extent : Mo Location : First Floor	oderate, Area Affected : 25%			
	Uneven Substrate, Extent : Mode	rate, Area Affected : 25%			
	Location : First Floor				
Vinyl Tile	70% Now \$333	,500 2033 **	3	\$12,200	С
•	Broken/Missing Elements, Extent	: Severe, Area Affected : 50%			
	Location: Throughout				
	Cracking/Crumbling, Extent: Se	vere, Area Affected : 75%			
	Location: Throughout				
	Loose Units, Extent: Severe, Are	a Affected : 50%			
	Location : Throughout				

Asset #: 2427

Current Repair	Future Replacement	Maintenance	
% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Location : Throughout		5 \$5,900	С
Location: Throughout			
Location: Throughout		5 \$5,000	С
	evere, Area Affectea : 25%		
20%	LIFE **		C C
Broken/Missing Elements, Extent: Seve Location: Throughout	ere, Area Affected : 25%		C
			_
Broken/Missing Elements, Extent: Seve Location: Throughout Cracking/Crumbling, Extent: Severe, A Location: Throughout	ere, Area Affected : 50% Area Affected : 50%	5 \$8,100	В
30% Now \$341,100 Corrosion/Rusting, Extent : Moderate, Location : First Floor	LIFE ** Area Affected : 25%		В
Location: First Floor			В
Location : First Floor			
	35% Now \$178,700 Cracking/Crumbling, Extent: Moderat Location: Throughout Int Mortar Miss/Erod, Extent: Moderat Location: Throughout Staining/Discoloring, Extent: Moderat Location: Throughout  20% Now \$164,400 Cracking/Crumbling, Extent: Severe, A Location: Throughout  Punct/Tear/Impact Damage, Extent: Severe Location: Throughout  20% 25% Now \$275,000 Broken/Missing Elements, Extent: Severe Location: Throughout  Punct/Tear/Impact Damage, Extent: Severe Location: Throughout  35% Now \$116,900 Broken/Missing Elements, Extent: Severe Location: Throughout  Cracking/Crumbling, Extent: Severe, A Location: Throughout  Staining/Discoloring, Extent: Severe, A Location: Throughout  30% Now \$341,100 Corrosion/Rusting, Extent: Moderate, Location: First Floor  35% Now \$391,600 Dry Rot/Decay, Extent: Severe, Area A Location: First Floor  Paint Peeling, Extent: Severe, Area Af Location: First Floor  Split/Cracked, Extent: Severe, Area Af Location: First Floor	% of Total Sample Stimated Cost Total (Years) Sample Stimated Cost FY  35% Now \$178,700 LIFE **  Cracking/Crumbling, Extent: Moderate, Area Affected: 25% Location: Throughout  Int Mortar Miss/Erod, Extent: Moderate, Area Affected: 25% Location: Throughout  Staining/Discoloring, Extent: Moderate, Area Affected: 25% Location: Throughout  20% Now \$164,400 LIFE **  Cracking/Crumbling, Extent: Severe, Area Affected: 25% Location: Throughout  Punct/Tear/Impact Damage, Extent: Severe, Area Affected: 25% Location: Throughout  20% LIFE **  Broken/Missing Elements, Extent: Severe, Area Affected: 25% Location: Throughout  Punct/Tear/Impact Damage, Extent: Severe, Area Affected: 25% Location: Throughout  Punct/Tear/Impact Damage, Extent: Severe, Area Affected: 25% Location: Throughout  35% Now \$116,900 2043 **  Broken/Missing Elements, Extent: Severe, Area Affected: 50% Location: Throughout  Cracking/Crumbling, Extent: Severe, Area Affected: 50% Location: Throughout  Staining/Discoloring, Extent: Severe, Area Affected: 50% Location: Throughout  30% Now \$341,100 LIFE **  Corrosion/Rusting, Extent: Moderate, Area Affected: 25% Location: First Floor  35% Now \$391,600 LIFE **  Dry Rot/Decay, Extent: Severe, Area Affected: 20% Location: First Floor  Paint Peeling, Extent: Severe, Area Affected: 50%	Soft   Fail Date   Estimated Cost   Total   (Years)   Year   Estimated Cost   Cycle   (Yrs)

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

Under 600 Volts

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

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

Asset #: 2427

Electrical		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Inder 600 Volts								
Switchgear / Switchboard Fused Knife Sw			\$21,400 Extent : Moderate, A al Room	2053 Area Affe	* * octed : 100%	5	\$100	В
	Explanatio	on : Not Ir	n Service					
Raceway Conduit	100%			2023	\$23,300	1		В
Panelboards								
Molded Case Bkrs	90% Other Obser Location : Explanatio	Electrica		2048 Area Affe	* * ccted : 100%	5	\$400	В
Molded Case Bkrs	10%			2022	\$1,800	5	\$100	В
Wiring Braided Cloth	Other Obser		\$14,700 Extent : Moderate, A Out The Building	2048 Area Affe	**	1		В
	Explanatio	on : Not Ir	n Service					
Thermoplastic	10%			2023	\$1,600	1		В
Fround Grounding Devices								
Not Accessible	100%							D
ighting Interior Lighting	0.004		<b>450</b> 500	2022	* *			
Fluorescent	Not in Servi		\$72,700 t : Moderate, Area out The Building	2033 Affected				В
Fluorescent	Location:	1st Floor	\$1,500 Extent : Moderate, A Lamps , On Extend		* * ccted : 100%			В
Exterior Lighting HID	100%		<u> </u>	2018	\$2,000	10	\$100	В

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

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

Asset #: 2427

Mechanical	Current l	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Conversion Equipment Hot Water Boiler	70% Now Other Observation, 1 Location: 1st Floo Explanation: 1 Ag	r Mech Room			1	\$9,700	В
Radiant Heater	30% Other Observation, 1 Location: 1st Floo Explanation: 30 U	Extent : Light, Area r	2018	\$50,300	2	\$4,300	В
Distribution Hot Wtr Piping/Pump	70% Now Corroded, Extent : S Location : Through	==	2022 d : 50%	\$133,900	4	\$1,100	В
No Component	30%						D
Terminal Devices Convector/Radiator	70% Now Corroded, Extent : S Location : Through	nout		**	1	\$6,300	В
N. G.	On Extended Life, Ex Location : Through		Affected	: 70%			
No Component	30%						D
Plumbing H/C Water Piping Brass/Copper	100% Now Corroded, Extent: S Location: Through On Extended Life, Ex	nout		* * : 100%	1		В
	Location : Through	nout					
Water Heater Electric	100%		2018	\$5,900	4	\$200	В
Sanitary Piping Cast Iron	100% Now Corroded, Extent : S Location : Through			* *	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		Affected	! : 100%			В

Fire Suppression

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

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

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

Mechanical	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fire Suppression Sprinkler							
Generic	100% 0-2	\$444,700	2053	* *	1-2	\$7,600	В
	Other Observation, E	xtent : Severe, Are	a Affecte	d : 100%			
	Location : Through	out					
	Explanation: Aging	g System					

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024		
Exterior Architecture	\$474,900	\$128,800		
Interior Architecture	\$1,306,900	\$39,300		
Electrical	\$45,900	\$211,800		
Mechanical	\$489,700	\$767,700		
Total	\$2,317,400	\$1,147,500		
Priority A	\$474,900	\$128,800		
Priority B	\$1,233,300	\$979,500		
Priority C	\$609,200	\$39,300		
Total	\$2,317,400	\$1,147,500		

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				\$41,300
Interior Architecture	\$30,700	\$2,700	\$1,800	\$8,100
Electrical	\$16,800	\$1,600	\$1,200	\$4,800
Mechanical	\$3,200	\$11,600	\$5,000	\$2,300
Total	\$50,700	\$15,900	\$8,000	\$56,500
Priority A				\$41,300
Priority B	\$20,000	\$13,200	\$6,200	\$7,100
Priority C	\$30,700	\$2,700	\$1,800	\$8,100
Total	\$50,700	\$15,900	\$8,000	\$56,500



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

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

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

chitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
terior								
Exterior Walls	100/		<b>45.5 2</b> 00		* *	_	<b>427</b> 100	
Cast in Place Concrete	10%		\$75,200	LIFE		5	\$27,100	A
	_	_	Extent : Severe, A all Of Old Freezer		:теа : 15%			
			tent : Severe, Area		. 10%			
			all Of Old Freezer		. 1070			
Cast Iron	5%		\$129.200	LIFE	* *			A
Cast IIon	- , -		\$129,200 Extent : Moderate, A		cted · 25%			A
		_	n Columns At West		20,0			
			Extent : Moderate,		fected : 50%			
	Location	n : Cast Iro	n Columns At West	Facade				
Concrete Masonry Unit	10%	Now	\$40,500	LIFE	* *	5	\$3,400	A
concrete masonly can			ients, Extent : Seve		Affected : 10%		φε,.σσ	
		n : North Fo						
	Other Ob	servation, E	Extent : Moderate, A	Area Affe	ected : 10%			
	Location	n : North Fo	acade					
	Explana	tion : Expo	sed Reinforcing					
Metal Panel	65%		\$60,000	2033	* *	5	\$66,000	A
			xtent : Moderate, A	rea Affe	cted : 15%			
		n : South Fo						
			Extent : Moderate,	Area Afj	fected : 25%			
	Location	n : Through						
Metal Coiling Doors	10%		\$107,200	2028	* *	5	\$8,500	A
		_	nents, Extent : Seve	re, Area	Affected : 25%			
		n : West Fa		- A CC 4 -	1.250/			
		v kusting, E n : West Fa	Extent : Severe, Are	а Ађесте	a: 25%			
Windows	Locuito	n. west ru	сиие					
Aluminum	100%			2039	* *	5	\$25,800	A
Parapets	100/0			2037			Ψ25,000	
Metal Panel	35%	ı		2043	* *	5	\$10,700	A
			Extent : Moderate, A	Area Affe	ected : 100%		. ,	
	Location	n : Exterior	Face					
	Explana	tion: This	Component Is Actu	ally Fibe	erglass Panel			
Metal Panel	65%			2043	* *	5	\$19,800	A

<sup>\*\*</sup> 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 R	Current Repair		Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior	•		•				
Roof							
Roll Roofing	20% Now Vegetation Growth, E Location: Over Car Water Penetration, E Location: First Flo Worn/Eroded, Extent Location: Over Car	nopy At West Side xtent : Severe, Are or At West Side : Moderate, Area .	a Affected	: 25%	5	\$10,900	A
Doll Doofing		iopy III West Stac	2010	\$62.700		\$21.700	A
Roll Roofing Spray-on Foam	20% 60%		2019 2028	\$62,700 * *	5 5	\$21,700 \$52,100	A A
Spray-on Foam	Other Observation, E. Location : Over Sec Explanation : Ballas	ond Floor			3	Ψ32,100	А
Interior							
Floors Cast in Place Concrete	25% Now Cracking/Crumbling, Location: First Flo		LIFE , Area Affe	* * ected : 25%	5	\$39,300	C
	Misaligned/Bulging, I Location : First Floo Worn/Eroded, Extent Location : First Floo	or : Severe, Area Affa					
Ceramic Tile	5%		2032	* *	5	\$3,600	С
Vinyl Tile	15% Now Broken/Missing Elem Location: Mezzanin Loose/Delam Surface, Location: Mezzanin Worn/Eroded, Extent Location: Mezzanin	ne, Second Floor , Extent : Severe, A ne : Severe, Area Affa	Area Affect	ted : 50%	3	\$4,000	С
Vinyl Tile	30%		2028	* *	3	\$8,100	C
Wood	15% Now	\$122,900		* *	5	\$10,100	C
Wood	Broken/Missing Elem Location: Mezzanin Deteriorated Finish, I Location: Mezzanin Dry Rot/Decay, Exten Location: Mezzanin	ents, Extent : Mod ne Extent : Severe, Ar ne nt : Severe, Area Aj	erate, Ared ea Affected	d : 50%	3	\$10,100	C
Wood	10%		2038	* *	5	\$13,500	С
*** OOU	1070		2030		J	φ13,300	C

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

Asset #: 2426

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior								
Interior Walls								_
Cast in Place Concrete	5%	Now	\$30,700	LIFE	**			C
		ssing Eiem : First Flo	ents, Extent : Mod	erate, Ar	еа Ајјестеа : 20%			
			Extent : Moderate	Area A	ffected · 25%			
		: First Flo		, 11/00/11/	geerea : 2370			
Gypsum Board	60%			LIFE	* *	5	\$15,700	С
Plywood/Hardboard	25%	Now	\$287,500	LIFE	* *	J	Ψ13,700	Č
·	Broken/Mi	ssing Elem	ents, Extent : Mod	erate, Ar	ea Affected : 25%			
	Location	: Mezzanii	ne, First Floor					
	_	-	Extent : Severe, A	rea Affec	cted : 50%			
	Location	: Mezzanii	ne First Floor					
Wood	10%			LIFE	* *	5	\$17,500	С
Ceilings						_		_
AcousTileConcealSpLn		Now	\$102,500	2043	**	5	\$7,700	В
		ssing Elem : Mezzanii	ents, Extent : Seve	re, Area	Affectea : 25%			
			Extent : Severe, A	rea Affec	rted · 50%			
	_	: Mezzanii		, eu 1199ee	. 5070			
			Extent : Severe, A	rea Affec	cted : 100%			
	_	: Mezzanii						
Exposed Struc: Steel	15%			LIFE	* *			В
Exposed Struc: Wood	20%	Now	\$595,200	LIFE	* *			В
	Dry Rot/D	ecay, Exter	nt : Severe, Area Aj	ffected : 2	20%			
		: Under C						
	-		: Severe, Area Affa	ected : 50	0%			
	Location: Under Canopy							
			xtent : Severe, Ared	a Affecte	d: 25%			
		: Under C	anopy					
Exposed Struc: Wood	50%			LIFE	* *			В

ectrical	Current Repair	Future Replac	ement	M	aintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimat	ted Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2033	* *	5	\$200	В
	Other Observation, Extent: Moderate,	Area Affected: 10	0%			
	Location : Electrical Room					
	Explanation : Main Service Switch R	ated @ 1600 Ampe	res			
Switchgear / Switchboard						
Fused Disc Sw	100%	2033	* *	5	\$200	В
Raceway						
Conduit	100%	2033	* *	1		В
Panelboards						
Molded Case Bkrs	100%	2031	* *	5	\$1,400	В

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

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

Electrical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts								
Wiring								
Thermoplastic	100%			2033	* *	1		В
Ground								
Grounding Devices	400							_
Not Accessible	100%							D
Lighting								
Interior Lighting	400/		<b>* 1 *</b> 000	2022	ale ale			
Fluorescent	40%		\$45,900	2033	* *			В
			t : Moderate, Area	Affected	: 100%			
		n : 2nd Floo	or					
Fluorescent	10%			2023	\$11,500	10	\$4,400	В
			Extent : Moderate, A	Area Affe	ected : 100%			
			or Hallways					
	Explana	tion : T-8 L	amps					
HID	50%	Now	\$15,900	2033	* *			В
	Not in Sei	vice, Exten	t : Moderate, Area	Affected	: 100%			
	Location	n : 1st Floor	r					
Egress Lighting								
Emergency, Battery	25%			2023	\$5,400	10	\$2,900	В
Exit, Battery	25%			2023	\$10,700	10	\$800	В
No Component	50%							D
Exterior Lighting								
HID	100%			2018	\$3,500	10	\$200	В
Alarm								
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2023	\$200,300	1-3	\$9,700	В
	Other Observation, Extent : Moderate, Area Affected : 100%							
		n : Hallway						
	Explana	tion : Strob	e Lights, Smoke De	etector A	nd Manual Pull St	ation		

Mechanical	Current	Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Energy Source							
Electricity	40%		2023		1		В
Natural Gas	60%		2023	\$37,000	1		В

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

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

Asset #: 2426

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					
Conversion Equipment Furnace	60% Other Observation, Extent: Light, Area Location: 1st And 2nd Floor Explanation: 30 Units	2023 \$43,200 a Affected : 60%	1 \$14,300	В	
Radiant Heater	40% Now \$103,700  Damaged, Extent: Severe, Area Affect Location: 1st Floor  Other Observation, Extent: Light, Area Location: 1st Floor Explanation: 20 Aging Units		2 \$7,100	В	
Plumbing					
H/C Water Piping Brass/Copper	100% Now \$175,900 Corroded, Extent: Severe, Area Affect Location: Throughout On Extended Life, Extent: Severe, Area Location: Throughout		1	В	
Water Heater					
Electric	100% Other Observation, Extent: Light, Area Location: 2nd Floor Explanation: 10 Units, All Of Them 1		4 \$400	В	
Sanitary Piping Cast Iron	100% Now \$127,900 Corroded, Extent: Severe, Area Affects Location: Throughout On Extended Life, Extent: Severe, Area Location: Throughout		1	В	
Storm Drain Piping	Location : Throughout				
Cast Iron	100% Now \$82,200 Corroded, Extent: Severe, Area Affect Location: Throughout On Extended Life, Extent: Severe, Area Location: Throughout		1	В	
Fixtures					
Generic	100% Obsolete Fixtures, Extent : Severe, Are Location : Various Locations	a Affected : 100%		В	
Fire Suppression					
Sprinkler Generic	100% Other Observation, Extent: Severe, Ar Location: Throughout Explanation: Aging System	2023 \$687,500 rea Affected : 100%	1-2 \$13,500	В	

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : FULTON FIRE BOAT HOUSE

Address : 2 OLD FULTON STREET @EAST RIVER / BROOKLYN BRIDGE
BOROUGH : 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 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$4,000		\$200	
Interior Architecture	\$11,300	\$100		
Electrical	\$100	\$100	\$200	\$100
Mechanical	\$100	\$200	\$1,300	\$900
Total	\$15,400	\$300	\$1,700	\$1,000
Priority A	\$4,000		\$200	
Priority B	\$3,100	\$200	\$1,500	\$1,000
Priority C	\$8,400	\$100		
Total	\$15.400	\$300	\$1.700	\$1,000



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

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

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

Asset #: 4336

Architecture		Current Re	epair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Exterior									
Exterior Walls									
Cast in Place Concrete	5%			LIFE	* *	5	\$400	A	
Cement-Fiber Panel	85%			2022	\$12,600	10	\$4,500	A	
Masonry: Brick	5%			LIFE	* *	5	\$100	Α	
Wood	5%			2027	* *	5	\$400	A	
Windows									
Bronze/Brass	100%			2030	* *	5	\$8,000	A	
Roof									
Asphalt Shingle	100%			2031	* *	10	\$400	A	
Interior									
Floors									
Cast in Place Concrete	3%			LIFE	* *	5	\$100	C	
Ceramic Tile	2%			2031	* *	5		C	
Wood	45%			2050	* *	5	\$1,800	C	
Wood	50%	Now	\$7,500	2037	* *	5	\$1,000	C	
	Deflection	Evident, Ex	tent : Moderate, A	rea Affe	cted : 15%				
	Location	Location: Second Floor							
	Deteriorat	ed Finish, E	Extent : Moderate,	Area Afj	fected : 50%				
	Location	: Second Fl	loor						
	Split/Crack	ked, Extent :	Moderate, Area	Affected	: 25%				
	Location	: Second Fl	loor						
Interior Walls									
Ceramic Tile	3%			2031	* *	5	\$100	C	
Gypsum Board	37%			LIFE	* *	5	\$500	C	
Metal Panel	60%			LIFE	* *		,	C	
Ceilings									
Embossed Metal	100%	Now	\$2,900	LIFE	* *	5	\$800	В	
		r/Impact Da	1 9		Area Affected : 109	%	,		
		: 2nd Floor		ŕ	55				

lectrical	Current Repair	Future Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	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

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

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

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

Asset #: 4336

Electrical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimated Con Total (Years)	st Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	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	\$6,300	10	\$1,100	В
	Other Observation, Extent : Moderat		cted : 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	\$6,200	1-3	\$300	В

Mechanical	Current Repair	Future R	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es FY	stimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating						
Energy Source						
Natural Gas	100%	2042	* *	1		В
Conversion Equipment						
Hot Water Boiler	100%	2027	* *	1	\$700	В
	Other Observation, Extent: Severe, Are	a Affected :	100%			
	Location: Basement					
	Explanation: 1 Boiler					
Distribution						
Hot Wtr Piping/Pump	100%	2030	* *	4	\$100	В
Terminal Devices						
Convector/Radiator	100%	2027	* *	1	\$500	В
Air Conditioning						
Energy Source						
Electricity	100%	2030	* *	1		В

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

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

### 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Air Conditioning								
Conversion Equipment								
Int Pkg Unit - Cooling	40%			2020	\$9,200	2		В
Window/Wall Unit	30%			2017	\$1,100	1		В
No Component	30%							D
Ventilation								
Distribution								
Ductwork/Diffusers	50%			LIFE	* *	2-5	\$400	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	\$11,100	4	\$1,300	В
Fixtures								
Generic	100%							В
Fire Suppression								
Sprinkler								
Generic	100%			2032	* *	1-2	\$400	В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,125,000	\$1,022,800
Interior Architecture	\$461,400	\$707,200
Electrical	\$395,900	\$1,179,800
Mechanical	\$67,300	\$2,875,300
Total	\$2,049,600	\$5,785,100
Priority A	\$1,125,000	\$1,022,800
Priority B	\$513,600	\$4,131,000
Priority C	\$411,000	\$631,200
Total	\$2,049,600	\$5,785,100

Total	\$145,000	\$45,700	\$82,200	\$62,600
Priority C	\$40,900			\$18,800
Priority B	\$93,000	\$45,700	\$63,700	\$43,800
Priority A	\$11,100		\$18,500	
Total	\$145,000	\$45,700	\$82,200	\$62,600
Mechanical	\$60,800	\$43,400	\$37,200	\$43,400
Electrical	\$2,400	\$2,300	\$26,500	\$500
Interior Architecture	\$70,700			\$18,800
Exterior Architecture	\$11,100		\$18,500	
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

Asset #: 2796

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
xterior								
Exterior Walls								
Cast in Place Concrete	10%	Now	\$76,000	LIFE	* *	5	\$59,200	A
	_	Crumbling, : Loading	Extent : Moderate Docks	, Area Aj	ffected : 15%			
Concrete Masonry Unit	70%	Now	\$143,200	LIFE	* *	5	\$51,800	A
·			d, Extent : Moderat acade, South Facad		Affected : 20%			
Metal Coiling Doors	10%			2027	* *	5	\$37,000	A
Weathering Steel	10%			LIFE	* *	1		A
Windows								
Aluminum	100%	4+	\$269,800	2030	* *	5	\$28,200	A
	Deteriorate	ed 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	\$61,700	LIFE	* *	5	\$23,300	A
	•		e, Extent : Modera acade, South Facad		Affected : 25%			
Metal Rail	20%	Now	\$11,100	2027	* *	5	\$36,600	A
		Rusting, E : East Fac	xtent : Moderate, A	rea Affe	cted : 20%		. ,	
Roof								
Built-Up (BUR)	50%	Now	\$574,200	2032	* *			A
		ctent : Mod : Upper Ro	derate, Area Affecte pof	ed : 25%				
			ings, Extent : Mode	orato Ar	rea Affected . 25%			
		: Upper Ro	_	7 a.c., 7 17	ca rijjecica : 2370			
	Repairs in		Extent : Light, Ared	a Affecte	d : 66%			
	Worn/Erod		: Moderate, Area	Affected .	: 100%			
Modified Bitumen	50%	- 11	J	2022	\$768,400	10	\$106,800	A
torior	3070			2022	φ/00, <del>4</del> 00	10	\$100,000	

Interior

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

Asset #: 2796

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nterior								
Floors Carpet		-	\$31,200 amage, Extent : Li	2021 ght, Area	\$155,800 a Affected : 30%	3	\$39,700	C
Cast in Place Concrete	55% Broken/Mi Location Cracking/0	: Through	\$147,200 nents, Extent : Ligh out Extent : Light, Ard			5	\$212,500	С
Ceramic Tile	5% Cracking/0	Now	\$9,700 Extent : Light, Ard	2031 ea Affecte	* * ed : 5%	5	\$4,400	С
Vinyl Tile	-	Now Evident, E : Through	\$83,700 Extent : Light, Area out	2022 Affected	\$418,700 : 20%	3	\$16,600	С
Interior Walls								
Concrete Masonry Unit		Now Crumbling, : Through	\$121,400 Extent : Light, Ard out	LIFE ea Affecte	* * ed : 10%	5	\$25,800	С
Gypsum Board	_	Now Crumbling, : Through	\$58,600 Extent : Light, Arc out	LIFE ea Affecte	* * ed : 20%	5	\$19,300	С
Plywood/Hardboard	10%			LIFE	* *			С
Ceilings AcousTileConcealSpLn	_	Now Crumbling, : Through	\$7,800 Extent : Light, Ard	2035 ea Affecto	* * ed : 10%	5	\$6,300	В
AcousTileSusp.Lay-In		Now Crumbling, : Through	\$50,500 Extent : Light, Are	2035 ea Affecto	* * ed : 10%	5	\$76,000	В
Exposed Concrete	10% Cracking/0	4+	\$15,500 Extent: Light, Arc	LIFE ea Affecte	* * ed : 5%	5	\$3,200	В
Metal Panel	_	Now Crumbling, : Through	\$6,600 Extent : Light, Ard out	LIFE ea Affect	* * ed : 10%	5	\$25,300	В

Electrical	Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Over 600 Volts Service Equipment Fused Disc Sw	100%		2022	\$33,400	3	\$400	В

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

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

Asset #: 2796

Electrical	Current Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Over 600 Volts	•					
Transformers						
Dry Type	100%	2020	\$33,300	3	\$700	В
	Other Observation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location: Electrical Room	100 /065	7			
	Explanation : One 2000 Kva 4160hv-4	480y/265	lv			
Feeders Cable	1000/	2021	\$1,000	1		D
	100%	2021	\$1,000	1		В
Raceway Conduit	100%	2022	\$3,500	1		В
Under 600 Volts	10070	2022	\$3,300	1		ъ
Service Equipment						
Fused Disc Sw	100%	2022	\$64,800	5	\$600	В
1 does 2 150 % W	Other Observation, Extent: Moderate, A			Ü	Ψ000	2
	Location : Electrical Room	33				
	Explanation: Two 2000 Amps Main L	isconnec	ct Switch			
Transformers	•					
Dry Type	100%	2020	\$13,900	5	\$500	В
	Other Observation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location : Electrical Room					
	Explanation: One 225 Kva 480hv-208	By/120lv				
Switchgear / Switchboard						
Fused Disc Sw	100%	2022	\$163,000	5	\$600	В
Raceway						_
Conduit	100%	2022	\$215,800	1		В
Panelboards	150/	2021	Φ27.200	~	Φ.500	ъ
Fused Disc Sw	15%	2021	\$25,300	5	\$500	В
Molded Case Bkrs	85%	2021	\$143,200	5	\$2,900	В
Wiring	500/ 2.4 \$125.700	2047	* *	1		D
Braided Cloth	50% 2-4 \$125,700 Insulation Aged, Extent : Moderate, Are	2047		1		В
	Location : Throughout	и Ајјесте	a. 100%			
701 1 d		2022	Φ125 700	1		D.
Thermoplastic	50%	2022	\$125,700	1		В
Motor Controllers	100/	2020	¢20.700	F	¢100	D
Locally Mounted Motor Control Center	10%	2020	\$20,600	5	\$100	В
wiotor Control Center	90% Enclosure Corroded, Extent : Moderate	2020	\$413,100	5	\$3,200	В
	Location: Basement	, Агеи Ај	јества . 100%			
Ground	Location . Dascincia					
Grounding Devices						
Not Accessible	100%					D
Lighting	-0070					

Lighting

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

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

Asset #: 2796

Electrical	Current Repair		e Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting						
Interior Lighting						
Fluorescent	20%	2017	\$118,500	10	\$21,700	В
	Other Observation, Extent: Moderate,					
	Location: Throughout The Building					
	Explanation: T-12 Lamps					
Fluorescent	50%	2030	* *	10	\$54,100	В
	Other Observation, Extent: Moderate, Area Affected: 100%					
	Location : Throughout					
	Explanation: T-8 Lamps					
HID	20%	2017	\$98,000	10	\$800	В
HID	10%	2027	* *	10	\$400	В
Egress Lighting						
Emergency, Battery	50%	2030	* *	10	\$14,300	В
Exit, Service	40%	2030	* *	1		В
Exit, Service	10%	2017	\$1,900	1		В
Exterior Lighting						
HID	100%	2017	\$53,600	10	\$400	В
Alarm						
Security System						
No Component	90%					D
Generic	10%	2027	* *	1	\$4,800	В

Mechanical		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
<b>Jeating</b>								
Energy Source								
HTHW/HW	100%			2032	* *	1		В
Conversion Equipment								
HTHW/HW Exchanger	100%			2025	* *	2	\$7,300	В
	Other Obs	servation, Ex	ctent : Light, Area	Affected	: 100%			
	Location	ı : Tunnel						
	Explana	tion : 2 Unit	S					
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$67,300	2030	* *	4	\$5,800	В
1 0 1	Corroded,	Extent : Se	vere, Area Affecte	d: 10%				
	Location	ı : Basement	:					
Terminal Devices								
Convector/Radiator	40%			2027	* *	1	\$15,300	В
Fan Coil Unit/Heat	60%			2022	\$1,202,700	1	\$22,900	В
Air Conditioning							•	
Energy Source								
District C.W.	100%			2032	* *	1		В
	Other Obs	servation, Ex	ctent : Light, Area	Affected	: 100%			
		ı : District C		-				
	Explana	tion : Used I	For Refrigeration	Only, No	ot Air Conditioning			

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

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

Asset #: 2796

Mechanical		Current l	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Air Conditioning	-							
Conversion Equipment								_
Centrifugal, Elec Chille				2025	* *	1	\$121,500	В
			Extent : Light, Area	Affected	: 100%			
		: Utility B	=	1 ***				
		tion : 6 Ch	illers Provide Chill					
Ext Pkg Unit - Cooling	5%			2027	* *	2	\$400	В
			Extent : Light, Area	Affected	: 100%			
	Location	-						
=	Explana	tion : R-41	0a					
Distribution	400		444 - 444		de de		<b></b>	_
Chilled Wtr Pipe/Pump			\$32,700	2032	* *	4	\$5,800	В
		_	Extent : Severe, Ar	ea Affeci	ted : 10%			
	Location	: Chilled	Water Pipes					
Terminal Devices								
Direct Expansion	5%			2027	* *	1		В
Fan Coil - Cooling	95%			2022	\$979,300	1	\$36,300	В
			Extent : Light, Area	Affected	: 100%			
	Location	: Through	out					
	Explana	tion : Addi	tional Split Air Con	ditioning	g Systems Belong '	To Share	Holders	
Heat Rejection								
Water Cool Tower	100%			2020	\$384,300	2	\$118,800	В
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	: Utility B	uilding					
	Explana	tion : 3 Co	oling Towers					
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$65,800	В
Exhaust Fans								
Roof	100%			2027	* *	2	\$3,600	В
Plumbing	<u> </u>							
H/C Water Piping								
Galv Iron/Steel	100%			2027	* *	1		В
HW Heat Exchanger	<u> </u>							·
HTHW/HW	100%			2022	\$309,000			В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)								
Submersible	100%	Now	\$6,200	2017	\$6,200	4	\$1,300	В
			tent : Light, Area A					
		: Basemer	-					
Fixtures								
Generic	100%							В
	10070							

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024		
Exterior Architecture	\$1,461,000	\$908,500		
Interior Architecture	\$496,000	\$627,400		
Electrical	\$407,500	\$938,800		
Mechanical		\$2,659,200		
Total	\$2,364,600	\$5,133,900		
Priority A	\$1,461,000	\$908,500		
Priority B	\$562,900	\$3,672,200		
Priority C	\$340,700	\$553,300		
Total	\$2,364,600	\$5,133,900		

Total	\$188,500	\$48,100	\$98,500	\$60,900
Priority C	\$46,300	\$2,600		\$17,200
Priority B	\$108,400	\$45,500	\$75,600	\$43,700
Priority A	\$33,900		\$22,900	
Total	\$188,500	\$48,100	\$98,500	\$60,900
Mechanical	\$91,100	\$43,200	\$35,900	\$43,200
Electrical	\$2,200	\$2,300	\$39,600	\$500
Interior Architecture	\$61,400	\$2,600		\$17,200
Exterior Architecture	\$33,900		\$22,900	
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

Asset #: 2130

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior								
Exterior Walls Cast in Place Concrete	_		\$74,200 Extent : Moderate Docks	LIFE , Area Aj	* * ffected : 25%	5	\$28,900	A
Concrete Masonry Unit	Jnt Morta Location Caulking	a : North Fo Deteriorate	\$299,600 d, Extent : Moderat acade, South Facad d, Extent : Modera acade, South Facad	le te, Area		5	\$54,200	A
Metal Coiling Doors	10%			2027	* *	5	\$36,100	A
Weathering Steel	10%			LIFE	* *	1		A
Windows Aluminum	Location Thermally	ted Finish, 1 : Through	Extent : Moderate			5	\$27,500	A
Parapets	Locuitor	. Inrougn	Oui					
Concrete Masonry Unit	Expansion	Int Failur	\$33,900 e, Extent : Modera ucade, South Facad			5 de	\$25,600	A
Metal Panel	10%			2042	* *	5	\$9,700	A
Roof Built-Up (BUR)		Now Extent : Mod a : Upper Ro	\$560,500 lerate, Area Affecto oof	2032 ed : 25%	* *			A
	Location Worn/Ero	: Through	: Moderate, Area					
Modified Bitumen	50%			2022	\$750,100	10	\$104,200	A
Interior								
Floors Carpet	15%			2021	\$152,100	3	\$51,700	C
Cast in Place Concrete	60% Cracking/		\$156,800 Extent : Light, Are	LIFE	* *	3 5	\$226,300	C
Ceramic Tile	_		\$9,500 Extent : Light, Are	2031 ea Affecte	* * ed : 20%	5	\$4,300	С
Vinyl Tile			\$65,400 Extent : Light, Are out	2022 ea Affecte	\$326,900 ed: 10%	3	\$12,900	С

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

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

Asset #: 2130

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nterior								
Interior Walls								
Ceramic Tile	5%			2031	* *	5	\$5,200	C
Concrete Masonry Unit	60%	Now	\$118,500	LIFE	* *	5	\$25,200	C
	_	Crumbling, 1 : Through	Extent : Light, Are out	ea Affecto	ed : 10%			
Gypsum Board	25%	Now	\$23,800	LIFE	* *	5	\$15,700	C
	_	Crumbling, 1 : Through	Extent : Light, Are out	ea Affecto	ed : 10%			
Plywood/Hardboard	10%			LIFE	* *			С
Ceilings								
AcousTileConcealSpLn	10%	Now	\$15,200	2027	* *	5	\$12,400	В
	_	Crumbling, 1 : Through	Extent : Light, Are out	ea Affecte	ed : 20%			
AcousTileSusp.Lay-In	75%	Now	\$98,500	2035	* *	5	\$74,100	В
	U	Crumbling, 1 : Through	Extent : Light, Are	ea Affecto	ed : 10%			
Exposed Concrete	_		\$56,900 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$4,600	В

Electrical	Current Repair	Future	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
Over 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2022	\$33,400	3	\$400	В		
	Other Observation, Extent : Mod Location : Electrical Room	lerate, Area Affec	cted : 100%					
	Explanation : One 600 Amps M	Iain Disconnect S	Switch At 4800 Vo	lts Suppl	'y			
Transformers								
Dry Type	100%	2020	\$33,300	3	\$700	В		
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Electrical Room							
	Explanation : One 2000 Kva 4.	160hv-480y/265lv	v					
Feeders		-						
Cable	100%	2021	\$1,000	1		В		
Raceway								
Conduit	100%	2022	\$3,500	1		В		
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2022	\$64,800	5	\$600	В		
	Other Observation, Extent: Mod	lerate, Area Affed	cted : 100%					
	Location : Electrical Room							
	Explanation : One 800 Amps M	ain Disconnect S	Switch					

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

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

Asset #: 2130

Electrical	Current Repair		Future Replacement		Maintenance				
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Jnder 600 Volts									
Transformers									
Dry Type	100%			2020	\$13,900	5	\$500	В	
			Extent : Moderate, A	Area Affe	ected : 100%				
		: Electrice			0 450 77 4604	• • • • • • • • • • • • • • • • • • • •			
	-	tion : One 1 18y/120lv	225 Kva 460hv-208	y/120lv,	One 250 Kva 460h	v-208y/1	20lv And 30 Kva		
Switchgear / Switchboard	700111-20	70 y/ 120 i v							
Fused Disc Sw	100%			2022	\$163,000	5	\$600	В	
Raceway					,				
Conduit	95%			2022	\$205,100	1		В	
Conduit	5%			2048	* *	1		В	
Panelboards									
Fused Disc Sw	10%			2021	\$16,800	5	\$300	В	
Molded Case Bkrs	90%			2021	\$151,600	5	\$3,000	В	
Wiring									
Braided Cloth	55%	2-4	\$138,300	2047	* *	1		В	
		_	ent : Moderate, Are	a Affecte	ed : 100%				
	Location	: Through	out						
Thermoplastic	40%			2022	\$100,600	1		В	
Thermoplastic	5%			2048	* *	1		В	
Motor Controllers									
Locally Mounted	20%			2020	\$41,200	5	\$200	В	
Motor Control Center	80%			2020	\$165,000	5	\$2,800	В	
Ground									
Grounding Devices									
Not Accessible	100%							D	
Lighting									
Interior Lighting									
Fluorescent	30%			2017	\$173,500	10	\$31,700	В	
		Other Observation, Extent: Moderate, Area Affected: 100%							
		_	out The Building						
		tion : T-12	Lamps						
Fluorescent	45%			2030	* *	10	\$47,600	В	
	Other Observation, Extent: Moderate, Area Affected: 100%								
		: Through							
		tion : T-5 L	amps						
HID	5%			2027	* *	10	\$200	В	
HID	20%			2017	\$95,700	10	\$800	В	
Egress Lighting									
Emergency, Battery	50%			2030	* *	10	\$13,900	В	
Exit, Service	20%			2030	* *	1		В	
Exit, Service	30%			2017	\$5,700	1		В	
Exterior Lighting									
Not Accessible	100%							D	

Alarm

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

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

Electrical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Alarm							
Security System							
No Component	90%						D
Generic	10%		2027	* *	1	\$4,700	В

Mechanical	Current Repair		Future Replacement			Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	Estimated (	Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating									
Energy Source HTHW/HW	100%			2032		* *	1		В
Conversion Equipment HTHW/HW Exchanger			\$700 Ioderate, Area Affec changer	2025 cted : 5%	6	* *	2	\$5,700	В
	Location		Extent : Light, Area Basement) its	Affected	! : 100%				
Distribution Hot Wtr Piping/Pump			\$32,800 evere, Area Affected	2030 d : 5%		* *	4	\$5,700	В
		teriorating, n : Basemer	Extent : Moderate, nt Area	Area Afj	fected : 5%				
Terminal Devices									
Convector/Radiator	40%			2027	** · - ·	**	1	\$14,900	В
Fan Coil Unit/Heat	60%	)		2022	\$1,174,	000	1	\$22,400	В
Air Conditioning Energy Source									
District C.W.	Location	servation, E n : District	Extent : Light, Area Cold Water Service	?		* *	1		В
	Explana	ttion : Used	For Refrigeration	Only, No	ot Air Conditio	oning			
Conversion Equipment Centrifugal, Elec Chiller			Extent : Light, Area	2031 Affected	: 100%	* *	1	\$118,600	В
		n : Utility B ution : Chill	uilding ers Provide Chilled	l Water -	- Refrigerant	Is Am	ımonia		
Ext Pkg Unit - Cooling	5% R-22 Refr	igerant, Ex	tent : Light, Area A lit System Dx	2027		* *	2	\$400	В
	Other Ob.	servation, E n : Roof	Extent : Light, Area Systems Used As B		: 100%				

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

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

Mechanical		Current F	Repair	Future	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Air Conditioning								_
Distribution	1000/		<b>#21</b> 000	2022	* *		Φ <b>.</b>	
Chilled Wtr Pipe/Pump	100%	Now	\$31,900	2032		4	\$5,700	В
			oderate, Area Affe		)			
			ports In Tunnel Ar		1 50/			
		erioraning, : Through	Extent : Moderate, out	Area Aff	ectea : 5%			
Terminal Devices								
Fan Coil - Cooling	100%			2022	\$1,006,200	1	\$37,300	В
			xtent : Light, Area	Affected	: 100%			
		: Through						
	Explana	tion : Addit	ional Split Air Con	ditioning	Systems Belong T	o Share .	Holders	
Heat Rejection								
Water Cool Tower	100%			2020	\$375,100	2	\$116,000	В
			xtent : Light, Area	Affected	: 100%			
	Location	: Utility Bi	uilding Roof					
	Explana	tion : 3 Coc	oling Towers					
Ventilation								
Distribution								_
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$64,300	В
Exhaust Fans								
Roof	100%			2022	\$103,900	2	\$3,600	В
Plumbing								
H/C Water Piping	4.00				ate ate			_
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	\$6,200	2017	\$6,200	4	\$1,300	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.

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,629,800	\$979,800
Interior Architecture	\$522,500	\$310,800
Electrical	\$468,500	\$915,700
Mechanical		\$2,655,300
Total	\$2,620,800	\$4,861,700
Priority A	\$1,629,800	\$979,800
Priority B	\$652,600	\$3,651,500
Priority C	\$338,400	\$230,300
Total	\$2,620,800	\$4,861,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$34,500		\$5,000	
Interior Architecture	\$117,200			\$17,500
Electrical	\$2,200	\$2,100	\$33,400	\$500
Mechanical	\$93,500	\$43,800	\$36,300	\$43,800
Total	\$247,400	\$45,900	\$74,600	\$61,800
Priority A	\$34,500		\$5,000	
Priority B	\$126,600	\$45,900	\$69,700	\$44,300
Priority C	\$86,300			\$17,500
Total	\$247,400	\$45,900	\$74,600	\$61,800



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

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

Asset #: 2131

rchitecture	Current Repair		Futur	Future Replacement		Maintenance	
estem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
terior							
Exterior Walls Cast in Place Concrete	10% Now Cracking/Crumbling Location: Loading		LIFE , Area A <u>j</u>	* * fected : 10%	5	\$58,800	A
Concrete Masonry Unit	70% Now  Jnt Mortar Miss/Erc  Location: North F	\$284,600 od, Extent : Moderat Cacade, South Facac		* * .ffected : 15%	5	\$51,500	A
Metal Coiling Doors	10% Now Broken/Missing Electronic Control Con	_	2035 t, Area A	* * ffected : 10%	5	\$18,400	A
Weathering Steel	10% Now Broken/Missing Elect Location: Through		LIFE t, Area A	* * ffected : 10%	1		A
Windows					_		
Aluminum	100% Now Deteriorated Finish Location: Through Thermally Inefficien Location: Through	hout t, Extent : Moderate			5	\$28,000	A
Parapets							
Concrete Masonry Unit	90% Now Expansion Int Failu Location: North F	\$34,500 re, Extent : Modera Cacade, South Facad		* * Affected : 25%	5	\$26,000	A
Metal Panel	10%		2042	* *	5	\$9,900	A
Roof Built-Up (BUR)	50% Now Blisters, Extent: Mo Location: Upper R		2032 ed : 25%	* *			A
	Miss/Damaged Flas Location: Upper K Repairs in Progress Location: Through	coof Extent : Light, Arec hout	a Affected	d : 66%			
	Worn/Eroded, Extended, Location: Upper R		Affected .	50%			
Modified Bitumen	50%		2022	\$763,400		\$106,100	

Interior

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

Asset #: 2131

Architecture	Current Repair	Future Replacement	M		
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
terior			•		
Floors	150/ N. 07.700	0001 0154 000	2	ф <b>2</b> 0. <b>5</b> 00	a
Carpet	15% Now \$7,700 Punct/Tear/Impact Damage, Extent : L Location : Throughout	2021 \$154,800 ight, Area Affected : 10%	3	\$39,500	С
Cast in Place Concrete	60% Now \$159,600 Cracking/Crumbling, Extent : Light, An Location : Throughout	LIFE ** rea Affected : 10%	5	\$230,300	С
Ceramic Tile	5% Now \$19,300 Cracking/Crumbling, Extent : Light, An Location : Throughout	2031 ** rea Affected : 10%	5	\$4,400	С
Vinyl Tile	20% 0-2 \$33,300 Cracking/Crumbling, Extent : Light, An Location : Throughout	2027 ** rea Affected : 20%	3	\$13,200	С
Interior Walls					
Concrete Masonry Unit	60% Now \$120,600 Cracking/Crumbling, Extent : Light, An Location : Throughout	LIFE ** rea Affected : 10%	5	\$25,600	С
Gypsum Board	30% 0-2 \$58,200 Cracking/Crumbling, Extent : Light, An Location : Throughout	LIFE ** rea Affected : 10%	5	\$19,200	С
Plywood/Hardboard	10% Now \$26,000 Broken/Missing Elements, Extent : Light Location : Throughout	LIFE ** ht, Area Affected : 10%			С
Ceilings AcousTileConcealSpLn	10% Now \$30,900 Cracking/Crumbling, Extent : Light, And Location : Throughout	2027 ** rea Affected : 20%	5	\$12,600	В
AcousTileSusp.Lay-In	80% Now \$107,000 Cracking/Crumbling, Extent : Light, And Location : Throughout	2035 * * rea Affected : 10%	5	\$80,500	В
Exposed Concrete	10% 4+ \$77,200 Cracking/Crumbling, Extent : Light, An Location : Throughout	LIFE * * rea Affected : 10%	5	\$3,100	В

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Over 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2022	\$33,400	3	\$400	В
	Other Observation, Extent: Moderate,	Area Affec	eted : 100%			
	Location : Electrical Room					
	Explanation : One 600 Amps Main Di	sconnect S	Switch At 4800 Vo	lts Suppl	!y	

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

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

Asset #: 2131

Electrical	Current Repa	ir Futur	Future Replacement		Maintenance					
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code				
Over 600 Volts										
Transformers										
Dry Type	100%	2020	\$33,300	3	\$700	В				
	Other Observation, Exten		cted : 100%							
	Location : Electrical Ro									
	Explanation : One 2000	Kva 4160hv-480y/265	lv							
Feeders	400-					_				
Cable	100%	2021	\$1,000	1		В				
Raceway	4.0.0-1		<b></b>			_				
Conduit	100%	2022	\$3,500	1		В				
Under 600 Volts										
Service Equipment	1000/	2022	Φε4.000	~	<b>\$</b>	ъ				
Fused Disc Sw	100%	2022	\$64,800	5	\$600	В				
		Other Observation, Extent : Moderate, Area Affected : 100% Location : Electrical Room								
	Explanation : One 800 A	Amps Main Disconnect	Switch							
Transformers	1000/	2020	Φ1 <b>2</b> 000	~	<b>4500</b>	ъ				
Dry Type	100%	2020	\$13,900	5	\$500	В				
	Other Observation, Exten Location: Electrical Ro		cted : 100%							
			4 10 25 K	1001 20	19 /1201					
0 1 1 /0 1 1 1	Explanation : One 225 I	Xva 400 Hv-208y/120lv	Ana One 25 Kva 4	180nv-20	18y/120lv					
Switchgear / Switchboard	1000/	2022	¢1.62.000	_	\$600	D				
Fused Disc Sw	100%	2022	\$163,000	5	\$600	В				
Raceway	1,000/	2022	¢21 <i>E</i> 000	1		D				
Conduit	100%	2022	\$215,800	1		В				
Panelboards	100/	2021	¢16 000	_	\$200	D				
Fused Disc Sw	10%	2021	\$16,800 * *	5	\$300	В				
Molded Case Bkrs	10%	2030		5	\$300	В				
Molded Case Bkrs	80%	2021	\$134,800	5	\$2,700	В				
Wiring	COO/ 2.4	¢150,000 2047	* *	1		D				
Braided Cloth	60% 2-4 Insulation Aged, Extent:	\$150,900 2047		1		В				
	Location : Throughout	моаеғаге, Ағеа Ајјесге	a : 100%							
Thermoplastic	35%	2022	\$88,000	1		В				
Thermoplastic	5%	2032	* *	1		В				
Motor Controllers										
Locally Mounted	30%	2020	\$61,900	5	\$300	В				
Motor Control Center	70%	2020	\$144,300	5	\$2,500	В				
Ground					•					
Grounding Devices										
Generic	100%	LIFE	* *	5	\$1,900	В				
I johting					· · · · · · · · · · · · · · · · · · ·					

Lighting

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

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

Asset #: 2131

Electrical	Current Repair	Futur	e Replacement	M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting						
Interior Lighting						
Fluorescent	25%	2017	\$147,200	10	\$26,900	В
	Other Observation, Extent : Moderate, Location : Throughout The Building Explanation : T-12 Lamps	Area Affe	ected : 100%			
Fluorescent	40%	2030	* *	10	\$43,000	В
	Other Observation, Extent : Moderate, Location : Throughout Explanation : T-8 Lamps	Area Affe	ected : 100%			
HID	35%	2017	\$170,400	10	\$1,300	В
Egress Lighting						
Emergency, Battery	50%	2030	* *	10	\$14,200	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	\$4,800	В

echanical		Current F	Repair	Futur	e Replacement	M	aintenance	
rstem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
ating								
Energy Source								
HTHW/HW	100%			2032	* *	1		В
Conversion Equipment								
HTHW/HW Exchanger	100%	Now	\$1,800	2025	* *	2	\$5,800	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	\$33,400	2030	* *	4	\$5,800	В
1 0 1	Corroded,	Extent: M	oderate, Area Affe	cted : 5%	ó			
	Location	ı : Tunnel A	rea					
Terminal Devices								
Convector/Radiator	40%			2027	* *	1	\$15,200	В
Fan Coil Unit/Heat	60%			2022	\$1,194,900	1	\$22,800	В

Air Conditioning

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

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

Asset #: 2131

Mechanical		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
ir Conditioning								
Conversion Equipment								
Centrifugal, Elec Chille				2025	* *	1	\$120,700	В
			Extent : Light, Area	Affected	: 100%			
		ı : Utility B						
		tion : 6 Chi	illers Provide Chill					
Ext Pkg Unit - Cooling	5%			2027	* *	2	\$400	В
			Extent : Light, Area	Affected	: 100%			
	Location							
	Explana	tion : 3 Uni	its, Refrigerant R-5	07				
Distribution								
Chilled Wtr Pipe/Pump	100%		\$32,500	2032	* *	4	\$5,800	В
		_	Extent : Moderate,	Area Aff	fected : 5%			
		ı : Through						
			Extent : Light, Area	Affected	: 100%			
		ı : Chilled \						
	Explana	tion : Used	For Refrigerator I	Boxes On	ly - Comes From U	Itility Bu	ilding	
Terminal Devices								
Direct Expansion	5%			2027	* *	1		В
Fan Coil - Cooling	95%			2022	\$972,900	1	\$36,100	В
			Extent : Light, Area	Affected	: 100%			
		ı : Through						
	Explana	tion : Addii	tional Split Air Con	ditioning	Systems Belong T	o Share	Holders	
Heat Rejection	400				4.04.000	_	***	_
Water Cool Tower	100%			2020	\$381,800	2	\$118,000	В
			Extent : Light, Area	Affected	: 100%			
		ı : Utility B	_					
	Explana	tion : 3 Co	oling Towers					
rentilation								
Distribution	1.000/				de de	2 -	Φ < ₹ 400	
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$65,400	В
Exhaust Fans	1000/			2022	<b>#</b> 40 <b>%</b> 000		Φ2 (00	
Roof	100%			2022	\$105,800	2	\$3,600	В
lumbing								
H/C Water Piping	200/			2022	* *	1		ъ
Brass/Copper	30%			2032	**	1		В
Galv Iron/Steel	70%			2027	* *	1		В
HW Heat Exchanger	1.000/			2022	ماد ماد			ъ
HTHW/HW	100%	· · · · · · · · · · · · · · · · · · ·		2032	**			В
			Extent : Light, Area	Affected	: 100%			
		i : Tunnel	•.					
G :	Explana	tion : 2 Uni	its					
Sanitary Piping	1000			TIPE	alo -l-	4		ъ
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping	,							_
Cast Iron	100%			LIFE	* *	1		В

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

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

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

Mechanical	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Plumbing Sump Pump(s) Submersible	100% 0-2 Obsolete Equipment, E Location : Basement	\$6,200 xtent : Severe, Ar	2017 rea Affect	\$6,200 ted : 100%	4	\$1,300	В
Fixtures Generic	100%						В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$536,100	
Interior Architecture	\$119,900	\$58,800
Electrical	\$49,700	\$879,400
Mechanical		\$62,900
Total	\$705,700	\$1,001,100
Priority A	\$536,100	
Priority B	\$91,200	\$942,200
Priority C	\$78,300	\$58,800
Total	\$705,700	\$1,001,100

Total	\$112,400	\$7,600	\$58,500	\$7,300
Priority C	\$13,700	\$300		\$200
Priority B	\$57,600	\$7,300	\$56,700	\$7,100
Priority A	\$41,100		\$1,800	
Total	\$112,400	<b>\$7,600</b>	\$58,500	\$7,300
Mechanical	\$36,000	\$7,100	\$26,800	\$7,100
Electrical	\$100	\$200	\$29,900	
Interior Architecture	\$35,200	\$300		\$200
Exterior Architecture	\$41,100		\$1,800	
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

Asset #: 2132

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior								
Exterior Walls	<b>=</b> 0.				di di	_	<b>\$5.400</b>	
Cast in Place Concrete	5%	NT	ф <b>77</b> 000	LIFE	* *	5	\$6,400	A
Concrete Masonry Unit	88%		\$77,900	LIFE		5	\$14,100	A
	•	ı Jnt Fallur ı : South Fa	e, Extent : Modera	te, Area	Affectea : 10%			
			icaae 'xtent : Moderate, 1	Anna Affa	atad . 100/			
		ıerranon, E ı : South Fa		<b>1</b> геи Ајје	ciea . 10%			
14 1 G 11 5	-			2025	ale ale		ΦΦ 000	
Metal Coiling Doors	5%		\$15,600	2035	**	5	\$2,000	A
		_	nents, Extent : Mod	erate, Ar	ea Affected : 15%			
		ı : South Fa	ісаде					
Window Wall	2%			2042	* *	5	\$1,900	A
Windows	<b>=</b> 0.4			2020	di di	_	φ4. <b>π</b> 0.0	
Aluminum	5%	3.7	Φο <b>2</b> 000	2030	* *	5	\$1,500	A
Metal Louvers	95%		\$92,800	2031	**			A
			nents, Extent : Ligh	t, Area A	ffected: 10%			
<del></del>	Location	ı : Through	ош					
Parapets  Conserts Massaura Unit	0.50/	Now	\$24.700	LIFE	* *	5	¢0.200	A
Concrete Masonry Unit	95% Expansion		\$24,700 e, Extent : Modera			5	\$9,300	A
	_	ı sını 1 anını ı : South Fa		ie, 117eu	ngjeciea . 2570			
			d, Extent : Modera	te Area	Affected · 25%			
		ı : Interior		, 111 1	ijjecica : 2570			
Metal Panel	5%			2042	* *	5	\$1,700	A
Roof							+-,	
Built-Up (BUR)	25%	Now	\$72,900	2032	* *			A
1 \ /	Blisters, E	Extent : Mod	lerate, Area Affect	ed : 25%				
	Location	ı : Through	out					
	Repairs in	Progress,	Extent : Light, Are	a Affecte	d : 66%			
	Location	ı : Through	out					
	Vegetation	n Growth, I	Extent : Severe, Are	ea Affecte	ed : 25%			
	Location	ı : Through	out					
	Worn/Ero	ded, Extent	: Moderate, Area	Affected	: 50%			
	Location	ı : Through	out					
Modified Bitumen	75%	Now	\$292,500	2032	* *			A
	Blisters, E	Extent : Mod	derate, Area Affect	ed : 25%				
	Location	ı : Through	out					
	Miss/Dan	aged Flash	ings, Extent : Mod	erate, Ar	ea Affected : 25%			
	Location	ı : Through	out					
	_	-	ctent : Moderate, A	rea Affec	eted : 15%			
	Location	ı : Through	out					

Interior

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

Asset #: 2132

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nterior								
Floors								
Cast in Place Concrete	93%			LIFE	* *	5	\$58,800	C
Ceramic Tile	2%			2031	* *	5	\$600	C
Vinyl Tile	5%	Now	\$13,700	2032	* *	3	\$500	C
	Location Cracking/	: Entrance	Extent : Moderate	55				
Interior Walls	Location	. Emrance						
Concrete Masonry Unit	80%	Now	\$78,300	LIFE	* *	5	\$8,300	C
,		Crumbling, : Through	Extent : Light, Are		ed : 10%		, -,	
Gypsum Board	10%			LIFE	* *	5	\$1,600	С
Metal Panel	10%			LIFE	* *		. ,	C
Ceilings								
AcousTileSusp.Lay-In	10%	Now	\$1,900	2027	* *	5	\$1,400	В
	Cracking/Crumbling, Extent : Light, Area Affected : 10% Location : Throughout						. ,	
Exposed Concrete	75%	4+	\$41,600	LIFE	* *	5	\$3,400	В
F	_	Crumbling, : Through	Extent : Light, Are		ed : 10%		, , , , ,	
Exposed Struc: Steel	15%	4+	\$19,600	LIFE	* *			В
•		/Rusting, E : Through	xtent : Light, Area out	Affected	: 10%			

lectrical	Current Repair	Futur	e Replacement	M	aintenance				
stem Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code			
er 600 Volts									
Service Equipment									
Air Circuit Breaker	100%	2022	\$33,400	3	\$100	В			
	Other Observation, Extent: Mode	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Electrical Room								
	Explanation: One 2500 Amps A	And One 1000 A	mps Main Disconr	nect Swite	ch				
Transformers									
Dry Type	40%	2020	\$62,400	3		В			
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Electrical Room								
	Explanation: Two1500/2000 K	va 4160hv-480y	v/277lv						
Liquid Filled	60%	2020	\$93,700	3	\$100	В			
1	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location : Outside	. 33							
	Explanation: Four 4200/5260	Kva 13,200hv-4	160y/2402lv						
Switchgear / Switchboard	•	<u> </u>	<del>-</del>						
Air Circuit Breaker	100%	2022	\$3,700	3	\$200	В			

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

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

Asset #: 2132

Electrical	Current Repair	Future	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated ( Total (Years)	Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Over 600 Volts						
Feeders						
Cable	100%	2021	\$42,800	1		В
Raceway						
Conduit	100%	2022	\$27,700	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	\$29,100	5	\$100	В
	Other Observation, Extent: Moder	ate, Area Affe	cted : 100%			
	Location : Electrical Room					
	Explanation: One 750 Kva 480h	v-208y/120lv				
Switchgear / Switchboard						
Fused Disc Sw	50%	2022	\$258,900	5		В
Molded Case Bkrs	50%	2032	* *	5	\$300	В
Raceway						
Conduit	80%	2022	\$365,400	1		В
Conduit	20%	2032	* *	1		В
Panelboards						
Fused Disc Sw	15%	2021	\$8,100	5	\$100	В
Fused Disc Sw	5%	2030	* *	5		В
Molded Case Bkrs	30%	2030	* *	5	\$200	В
Molded Case Bkrs	50%	2021	\$27,000	5	\$300	В
Wiring						
Thermoplastic	30%	2032	* *	1		В
Thermoplastic	70%	2022	\$29,200	1		В
Motor Controllers			·			
Locally Mounted	10%	2020	\$600	5		В
Motor Control Center	90%	2027	* *	5	\$500	В
Ground					·	
Grounding Devices						
Generic	100%	LIFE	* *	5	\$300	В
Lighting					, , , , , ,	
Interior Lighting						
Fluorescent	30%	2027	* *	10	\$5,300	В
	Other Observation, Extent: Moder		cted : 100%		7-,	
	Location: Throughout The Build					
	Explanation : T-8 Lamps	O				
Fluorescent	40%	2017	\$49,700	10	\$7,100	В
Fluorescent	Other Observation, Extent : Moder			10	\$7,100	Б
	Location: Throughout	aic, med Ajje				
	Explanation: T-12 Lamps					
ШБ		2022	Φ <b>Q</b> 4.400	10	<b>\$200</b>	- D
HID	30%	2022	\$24,100	10	\$200	В
Egress Lighting	600/	2015	<b>#4.000</b>	10	<b>#2</b> 000	ъ
Emergency, Battery	60%	2017	\$4,800	10	\$2,800	В
Exit, Service	40%	2017	\$1,300	1		В

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

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

Asset #: 2132

Electrical	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting Exterior Lighting							
HID	100%		2017	\$7,900	10	\$100	В

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
leating								
Energy Source					de de			_
Electricity	5%			2032	* *	1	Φ	В
Fuel Oil No 4	95%			2032	* *	5	\$5,700	В
Conversion Equipment	0.50/			2025	* *	1	¢0 100	D
Hot Water Boiler	95%		Extent : Light, Area	2035		1	\$9,100	В
		servanon, E n : Mechani	· ·	Ајјестеи	. 100/0			
		tion : One l						
Radiant Heater	5%		Bouer	2022	\$4,800	2	\$500	В
Distribution	3 70			2022	\$4,000		\$300	В
Hot Wtr Piping/Pump	100%	Now	\$22,000	2030	* *	4	\$1,000	В
That was a sping a tamp			v22,000 Ioderate, Area Affe		%	7	φ1,000	Ь
			out Basement Tuni		, 0			
		_	Extent : Moderate,		fected : 50%			
	Location	_	2	11,00,1299	20,00			
Terminal Devices								
Air Handler	10%			2022	\$11,800	1	\$1,200	В
No Component	90%							D
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		В
Conversion Equipment								
Centrifugal, Elec Chiller				2031	* *	1	\$20,900	В
			Extent : Light, Area	Affected	: 100%			
		n : Chiller I						
District of	Explana	tion : 6 Ch	illers Provide Chili	ed Water	r - Refrigerant Is A	ттопіа		
Distribution	1.000/	M	¢10.700	2022	* *	4	¢1 000	D
Chilled Wtr Pipe/Pump	100%		\$10,700	2032		4	\$1,000	В
		_	Extent : Severe, Ai tion Lines To Ware		ea : 20%			
Heat Delection	Locaitor	i . Distribu	iion Lines 10 ware	nouses				
Heat Rejection	100%			2020	\$62,900	2	¢10.400	D
Water Cool Tower			Extent : Light, Area			Z	\$19,400	В
	Location		xieni . Ligni, Area	Ајјестеи	. 100%			
			oling Towers Exist	On The	Utility Ruilding Ro	of Fach	Tower Has 4 Cells	
Ventilation	Бърши	5 000	Jung TOWERS LAISE	On The (	Simy Building RO	oj Bucii i	tower 1100 + Cells	
Distribution								

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

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

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
entilation							
Exhaust Fans							
Interior	20%		2017	\$4,800	2	\$100	В
Roof	80%		2027	* *	2	\$500	В
umbing							
H/C Water Piping							
Galv Iron/Steel	100%		2027	* *	1		В
Water Heater							
Electric	100%		2017	\$3,400	4	\$100	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Sump Pump(s)							
Rigid Piping	100%		2017	\$10,300	4	\$1,300	В
Fixtures							
Generic	100%						В
	Obsolete F	ixtures, Extent : Severe, Area	Affected	d: 100%			
	Location	: Throughout					

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$879,400	
Interior Architecture	\$416,400	\$171,400
Electrical	\$36,300	\$1,531,100
Mechanical		\$1,420,900
Total	\$1,332,100	\$3,123,400
Priority A	\$879,400	
Priority B	\$333,800	\$2,952,000
Priority C	\$118,900	\$171,400
Total	\$1,332,100	\$3,123,400

Total	\$173,000	\$39,000	\$24,100	\$77,600
Priority C	\$49,700			\$13,100
Priority B	\$75,600	\$39,000	\$24,100	\$64,600
Priority A	\$47,700			
Total	\$173,000	\$39,000	\$24,100	\$77,600
Mechanical	\$38,200	\$34,800	\$20,800	\$62,100
Electrical	\$3,700	\$4,200	\$3,300	\$2,500
Interior Architecture	\$83,300			\$13,100
Exterior Architecture	\$47,700			
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

Asset #: 2133

Architecture	Current Repair	Future Replacement	М		
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
xterior					
Exterior Walls Cast in Place Concrete	5% 2-4 \$6,900 Cracking/Crumbling, Extent : Light, Ar Location : Throughout	LIFE ** rea Affected : 10%	5	\$10,700	A
Concrete Masonry Unit	80% Now \$237,200 Expansion Int Failure, Extent : Modera Location : West Facade	LIFE * * ute, Area Affected : 5%	5	\$21,400	A
Metal Panel	10% Now \$3,400 Broken/Missing Elements, Extent: Light Location: Throughout	2042 * * nt, Area Affected : 10%	5	\$8,000	A
Metal Coiling Doors	5% Now \$26,200  Broken/Missing Elements, Extent: Light Location: Throughout	2035 ** nt, Area Affected : 10%	5	\$3,400	A
Windows					
Aluminum	90% Now \$41,200 Broken/Missing Elements, Extent : Light Location : Throughout	2030 ** nt, Area Affected : 20%	5	\$4,300	A
Metal Louvers	10% Now \$3,100 Broken/Missing Elements, Extent: Light Location: Throughout	2031 ** nt, Area Affected : 10%			A
Parapets Concrete Masonry Unit	90% Now \$76,200  Expansion Int Failure, Extent: Modera  Location: East Facade, West Facade	==	5	\$9,600	A
Metal Panel	10% Now \$8,200 Broken/Missing Elements, Extent: Light Location: Throughout	2042 ** nt, Area Affected : 10%	5	\$1,800	A
Roof					
Built-Up (BUR)	40% Now \$241,700  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 : Model Location : Partial Section	2032 ** rate, Area Affected : 100%	10	\$28,100	A
Modified Bitumen	35% 0-2 \$283,000  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.

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

Asset #: 2133

rchitecture	Current Repair		Future Replacement		Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
terior								
Floors								
Carpet			\$5,800 nents, Extent : Light out	2021 t, Area A	\$115,100 ffected : 20%	3	\$29,400	С
Cast in Place Concrete	_		\$59,400 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$171,400	С
Ceramic Tile	_		\$14,400 Extent : Light, Are out	2031 ea Affecte	* * ed : 10%	5	\$3,300	С
Vinyl Tile	_		\$24,800 Extent : Light, Are out	2027 ea Affecte	* * ed : 10%	3	\$9,800	С
Interior Walls								
Concrete Masonry Unit	_		\$59,600 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$6,300	С
Gypsum Board	_		\$4,800 Extent : Light, Are out	LIFE ea Affecte	* * ed : 10%	5	\$3,200	С
Ceilings								
AcousTileConcealSpLn	Cracking/		\$17,700 Extent : Light, Are out	2035 ea Affecte	* * ed : 10%	5	\$28,800	В
Exposed Struc: Steel			\$297,500 nents, Extent : Light out	LIFE t, Area A	* * ffected : 10%			В
Metal Panel			\$15,900 nents, Extent : Light out	LIFE t, Area A	* * ffected : 10%	5	\$24,700	В

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Over 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2022	\$33,400	3	\$300	В
Transformers						
Dry Type	100%	2020	\$33,300	3	\$500	В
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location : Electrical Room					
	Explanation: One 1000 Kva 4160hv-	480y/277l	lv & One 750 Kva	4160hv-4	480y/277lv	
Feeders						
Cable	100%	2021	\$1,000	1		В

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

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

Asset #: 2133

Electrical	Curre	ent Repair	Futur	e Replacement	M		
System Component Type	% of Fail D Total (Yea	eate Estimated Cost rs)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Over 600 Volts							
Raceway							
Conduit	100%		2022	\$3,500	1		В
Under 600 Volts							
Service Equipment	1000/		2022	<b>\$60,000</b>	~	<b>\$400</b>	ъ.
Fused Disc Sw	100%	Estant Madanata	2022	\$60,800	5	\$400	В
	Location : Elec	on, Extent : Moderate, A	Area А <u></u> ijе	ctea : 100%			
		iricai Room Two 1000 Amps Main D	lisaannaa	ot Curital			
Transformers	Explanation : 1	wo 1000 Amps Main D	nsconnec	a Swiich			
Dry Type	100%		2020	\$13,900	5	\$300	В
Dry Type		on, Extent : Moderate, A			3	Ψ300	Ъ
	Location : Elec		17 000 1 255 0	. 100,0			
		)ne 112.5 Kva 480hv-2	08v/1201	v & One 45 Kva 48	30hv-208	v/120lv	
Switchgear / Switchboard						<i>),</i> ·	
Fused Disc Sw	100%		2022	\$148,200	5	\$400	В
Raceway				· · · · · · · · · · · · · · · · · · ·		·	
Conduit	100%		2022	\$104,300	1		В
Panelboards							
Fused Disc Sw	20%		2021	\$29,200	5	\$400	В
Molded Case Bkrs	80%		2021	\$116,800	5	\$1,900	В
Wiring							
Thermoplastic	100%		2022	\$174,200	1		В
Motor Controllers							
Locally Mounted	10%		2020	\$15,100	5	\$100	В
Motor Control Center	90%		2020	\$136,100	5	\$2,200	В
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$1,300	В
Lighting							
Interior Lighting	4007		2022	<b>4455.000</b>	4.0	Φ22.000	
Fluorescent	40%		2022	\$175,200	10	\$32,000	В
HID	60%		2022	\$217,300	10	\$1,700	В
Egress Lighting	<b>50</b> 0/		2022	¢10,000	10	¢10.500	D
Emergency, Battery	50%		2022	\$18,000	10	\$10,500	В
Exit, Service	50%		2022	\$7,200	1		В
Exterior Lighting HID	100%		2017	\$26,200	10	\$300	В
	100%		2017	\$36,300	10	\$300	
Alarm Security System							
No Component	70%						D
Generic	30%		2022	\$90,000	1	\$9,800	B
Fire/Smoke Detection	30/0		2022	\$70,000	1	Ψ2,000	<u>u</u>
No Component	70%						D
Generic	30%		2022	\$308,200	1-3	\$16,200	В
Generic	JU/0		2022	Ψ300,200	1-2	Ψ10,200	

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

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

Asset #: 2133

Mechanical	Current Repair			Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
leating	•			•				•
Energy Source								
Electricity	20%			2032	* *	1		В
HTHW/HW	80%			2032	* *	1		В
Conversion Equipment	1,000/			2010	\$26,000	2	¢5 400	D
HTHW/HW Exchanger	100%	amation E	Extent : Light, Area	2018	\$26,900	2	\$5,400	В
		ervanon, E 1 : Basemen		Ајјестеи	. 100/0			
		tion : One d						
Distribution	Влрини	non . One (						
Hot Wtr Piping/Pump	20%			2030	* *	4	\$900	В
No Component	80%						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	D
Terminal Devices								
Fan Coil Unit/Heat	20%			2022	\$296,300	1	\$5,700	В
No Component	80%							D
Air Conditioning								
Energy Source								_
District C.W.	100%			2042	* *	1		В
			Extent : Light, Area	Affected	: 100%			
			Cold Water	Only Ma	at Ain Conditionin			
Conversion Equipment	Ехріапа	non : Osea	For Refrigeration	Only, No	n Air Conailloning			
Conversion Equipment Centrifugal, Elec Chiller	95%			2025	* *	1	\$89,800	В
Centinugai, Elec Cinner		ervation F	Extent : Light, Area			1	\$69,600	Ь
		: Utility B	_	11990000	. 100,0			
		-	illers Provide Chill	ed Water	- Refrigerant Is A	mmonia		
Ext Pkg Unit - Cooling	5%			2027	**	2	\$300	В
		igerant, Ex	tent : Light, Area A		100%		, , , ,	
	Location							
Distribution								
Chilled Wtr Pipe/Pump	100%	Now	\$24,200	2032	* *	4	\$4,300	В
			loderate, Area Affe					
			ıt, Glycol Concentr			Tank		
			Extent : Light, Area	Affected	: 100%			
		: Mechani			G (N. F		D	
Townsia 1 Donies	Explana	tion: West.	side E Wing Uses (	ilycol Sp	ray System ( No Fi	rost ) To	Prevent Icing	
Terminal Devices Fan Coil - Cooling	100%			2022	\$761,900	1	\$28,200	В
ran Con - Coomig		ervation F	Extent : Light Area			1	\$20,200	Ь
	Other Observation, Extent : Light, Area Affected : 100%  Location : Throughout							
		_	tional Split Air Con	ditioning	g Systems Belong '	To Share	Holders	
Heat Rejection			~		, /			
Water Cool Tower	100%			2020	\$284,000	2	\$87,800	В
	Other Obs	ervation, E	Extent : Light, Area	Affected				
	Location	: Utility B	uilding					
	Explana	tion : 3 Cod	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.

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

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$48,700	В
Exhaust Fans							
Roof	100%		2022	\$78,700	2	\$2,700	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	\$24,500	В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$36,500	
Interior Architecture	\$48,700	\$79,200
Electrical		\$454,500
Total	\$85,300	\$533,700
Priority A	\$36,500	
Priority B		\$454,500
Priority C	\$48,700	\$79,200
Total	\$85,300	\$533,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$60,400			
Interior Architecture	\$14,800			\$500
Electrical	\$900	\$1,100	\$24,300	\$600
Mechanical	\$900	\$1,300	\$3,000	\$1,300
Total	\$77,000	\$2,400	\$27,300	\$2,400
Priority A	\$60,400			
Priority B	\$1,800	\$2,400	\$27,300	\$1,900
Priority C	\$14,800			\$500
Total	\$77,000	\$2,400	\$27,300	\$2,400



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

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

Asset #: 2134

rchitecture	Current Repair		Future Replacement		Maintenance			
stem Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Cod	
terior								
Exterior Walls Cast in Place Concrete	5% 0-2 Cracking/Crumbling Location : Through		LIFE ea Affected	* * l : 10%	5	\$3,300	A	
Concrete Masonry Unit	80% Now Expansion Int Failur Location: West Fa		LIFE te, Area A	* * ffected : 10%	5	\$6,600	A	
Metal Coiling Doors	10% Now Broken/Missing Elen Location: Through	_	2035 t, Area Afj	* * ected : 20%	5	\$2,100	A	
Weathering Steel	5% 4+ Worn/Eroded, Exten Location : Through		LIFE cted: 10%	* *	1		A	
Windows Aluminum	100% Now Broken/Missing Elem Location: Through		2030 t, Area Afj	* * ected : 10%	5	\$1,500	A	
Parapets Concrete Masonry Unit	100% Now Expansion Int Failur Location: East Failur Water Penetration, E Location: West Failur	cade, West Facade Extent : Moderate, A		-	5	\$3,300	A	
Roof Modified Bitumen	100% Now Water Penetration, E Location: Through		2030 Affected :	**			A	
erior								
Floors Cast in Place Concrete Cast in Place Concrete	10% 80% 0-2 Cracking/Crumbling Location : Through		LIFE LIFE ea Affected	* * * * d : 10%	5 5	\$8,800 \$70,400	C C	
Vinyl Tile	10% 0-2 Broken/Missing Elen Location: Through		2027 t, Area Afj	* * ected : 10%	3	\$1,500	С	
Interior Walls Concrete Masonry Unit	80% 0-2 Cracking/Crumbling Location : Through		LIFE ea Affected	* * l : 10%	5	\$2,100	С	
Gypsum Board Gypsum Board	10% 10% 0-2 Cracking/Crumbling Location : Through	_	LIFE LIFE ea Affected	* * * * 1 : 20%	5 5	\$400 \$400	C C	

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

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

Asset #: 2134

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Dat Total (Years	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior							
Ceilings							
AcousTileSusp.Lay-In	10%		2039	* *	5	\$4,100	В
Exposed Struc: Steel	90%		LIFE	* *			В

Electrical	Current R	epair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Over 600 Volts							
Service Equipment Fused Disc Sw	100%		2022	\$33,400	3	\$100	В
Transformers							
Dry Type	100% Other Observation, E. Location : Electrica		2020 Area Affe	\$33,300 ected : 100%	3	\$200	В
	Explanation: One 1	000 Kva 4160hv-4	!80y/277	Lv & One 500 Kvd	a 4160hv	-480y/277lv	
Feeders							
Cable	100%		2021	\$1,000	1		В
Raceway							
Conduit	100%		2022	\$3,500	1		В
Under 600 Volts Service Equipment Air Circuit Breaker	100%		2022	\$15,000	5	\$100	В
All Cilcuit Bleaker	100% 2022 \$15,900 5 \$100  Other Observation, Extent: Moderate, Area Affected: 100%  Location: Electrical Room  Explanation: One 1600 Amps Main Disconnect Switch						
Transformers Dry Type	100% Other Observation, E. Location : Electrica		2020 Area Affe	\$13,900 ected : 100%	5	\$100	В
	Explanation : One 2		Rv/1201v	& One 15 Kva 480	hv-208v/	720lv	
Switchgear / Switchboard Fused Disc Sw	100%	23 1174 700117 200	2022	\$74,100	5	\$100	В
Raceway				7,		+	
Conduit	100%		2022	\$40,600	1		В
Panelboards							
Fused Disc Sw	20%		2021	\$9,000	5	\$100	В
Molded Case Bkrs	80%		2021	\$35,900	5	\$600	В
Wiring Thermoplastic	100%		2022	\$41,700	1		В
Motor Controllers							
Locally Mounted	20%		2020	\$11,000	5		В
Motor Control Center	80%		2020	\$44,000	5	\$600	В
Lighting Interior Lighting							
Fluorescent	50%		2022	\$67,400	10	\$12,300	В
HID	50%		2022	\$55,800	10	\$400	В

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

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

Asset #: 2134

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting								
Egress Lighting								
Emergency, Battery	60%			2017	\$6,600	10	\$3,900	В
Exit, Service	40%			2017	\$1,800	1		В
Exterior Lighting								
HID	100%			2017	\$11,200	10	\$100	В
Alarm								
Security System								
No Component	90%							D
Generic	10%			2022	\$9,200	1	\$1,000	В
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2022	\$94,900	1-3	\$5,000	В

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating						
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 : Ligh	t, Area Affected : .	100%			
	Location : Roof Condenser U	nit				
	Other Observation, Extent : Lig	ght, Area Affected	: 100%			
	Location: Side Yard Of The I	Building				
	Explanation: One Unit Out (	Of Three With Refr	igerant R-410a			
No Component	85%					D
Terminal Devices						
Air Handler/Cool/Ht	15%	2030	* *	1	\$2,500	В
No Component	85%					D
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$15,000	В
Exhaust Fans						
Roof	100%	2027	* *	2	\$800	В
Plumbing						
H/C Water Piping						
Galv Iron/Steel	100%	2027	* *	1		В
HW Heat Exchanger						
HTHW/HW	100%	2032	* *			В
	Other Observation, Extent : Lig	ght, Area Affected	: 100%			
	Location: Basement					
	Explanation: 2 Units					

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

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

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

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
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	\$7,500	В

#### Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$99,700	\$184,400
Interior Architecture	\$128,600	\$496,500
Electrical		\$541,100
Mechanical	\$506,700	\$2,670,100
Total	\$735,100	\$3,892,000
Priority A	\$99,700	\$184,400
Priority B	\$506,700	\$3,211,200
Priority C	\$128,600	\$496,500
Total	\$735,100	\$3,892,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$80,100			
Interior Architecture		\$4,500	\$19,000	
Electrical	\$39,100	\$800	\$20,800	\$200
Mechanical	\$29,500	\$23,500	\$49,900	\$21,900
Total	\$148,700	\$28,900	\$89,700	\$22,000
Priority A	\$80,100			
Priority B	\$68,500	\$24,400	\$89,700	\$22,000
Priority C		\$4,500		
Total	\$148,700	\$28,900	\$89,700	\$22,000



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

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

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

Asset #: 2143

Architecture	Current Repair	Future Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	d Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior					
Exterior Walls  Cast in Place Concrete	Cracking/Crumbling, Extent : M Location : West Facade	9,800 LIFE ** Moderate, Area Affected : 10% tent : Moderate, Area Affected : 59	5	\$23,200	A
Concrete Masonry Unit	25% Now \$20 Diagonal Cracks, Extent : Light Location : East Facade, Corne		5	\$7,300	A
Metal Panel	45% Now \$ Corrosion/Rusting, Extent : Mod Location : West Facade	8,200 2032 ** derate, Area Affected : 15%	5	\$39,200	A
Metal Coiling Doors	20% Now \$55 Bent/Warped Elements, Extent: Location: East Facade Corrosion/Rusting, Extent: Mod Location: East Facade	-	5	\$14,500	A
Parapets					
Metal Rail	100% Now \$2.  Corrosion/Rusting, Extent: Mod Location: Throughout	2,000 2027 ** derate, Area Affected : 10%	5	\$145,200	A
Roof					
Single Ply Membrane	Blisters, Extent: Moderate, Area Location: Throughout Broken/Missing Elements, Extent Location: Bird Damage At Value Recent Replace Evident, Extent Location: Throughout Water Penetration, Extent: Light Location: Various Other Observation, Extent: Mode Location: Throughout	nt : Moderate, Area Affected : 2% vrious Locations : Light, Area Affected : 100% ht, Area Affected : 5%			A
Interior					
Floors  Cast in Place Concrete	90% Now \$12	8,600 LIFE **	5	\$371,300	С
Cast III Flace Concrete	90% Now \$12 Cracking/Crumbling, Extent : M Location : Loading Dock At W	Noderate, Area Affected : 30%	J	φ3/1,300	C
Ceramic Tile	3%	2031 **	5	\$5,700	С
Vinyl Tile	7%	2022 \$125,200		\$5,000	С

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

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

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

Asset #: 2143

Architecture	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estima FY	ited Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior						
Interior Walls						
Concrete Masonry Unit	65%	LIFE	* *	5	\$7,900	C
	Diagonal Cracks, Extent: Mode	rate, Area Affected : 5%				
	Location: Various					
Gypsum Board	10%	LIFE	* *	5	\$1,800	С
Metal Panel	25%	LIFE	* *			C
Ceilings						
AcousTileSusp.Lay-In	20%	2027	* *	5	\$38,000	В
Exposed Struc: Steel	80%	LIFE	* *			В
-	Water Penetration, Extent: Light	t, Area Affected : 5%				
	Location : Various					

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts								
Raceway								
Conduit	70%			2022	\$54,100	1		В
Conduit	30%			2042	* *	1		В
Panelboards								
Molded Case Bkrs	40%			2030	* *	5	\$1,300	В
Molded Case Bkrs	10%			2038	* *	5	\$300	В
Molded Case Bkrs	50%			2021	\$25,300	5	\$1,700	В
Wiring								
Braided Cloth	50%	2-4	\$30,200	2047	* *	1		В
			ent : Moderate, Are out The Building	a Affecte	ed : 100%			
Thermoplastic	40%			2022	\$24,200	1		В
Thermoplastic	10%			2042	* *	1		В
Motor Controllers								
Locally Mounted	100%			2020	\$67,500	5	\$900	В
Lighting Interior Lighting								
Fluorescent	100%			2022	\$278,600	10	\$115,600	В
	Location		Extent : Moderate, A out The Building	Area Affe	ected : 100%			
Egress Lighting	•							
Exit, Service	100%			2017	\$20,800	1		В
Exterior Lighting					•			
HID			\$7,700 t : Severe, Area Aff out	2032 Tected : 1	**			В

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

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

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

Asset #: 2143

Mechanical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year E FY	stimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating		•				
Energy Source						
Natural Gas	100% Now \$1,40		* *	1		В
	Other Observation, Extent: Severe,		100%			
	Location : Outside #240/220 Build	_				
	Explanation: Gas Shut Off Valve	Frozen				
Conversion Equipment	600/	2022	Φ277 (00	2	Φ <b>25</b> 100	ъ
Radiant Heater	60%	2022	\$377,600	2	\$35,100	В
	Other Observation, Extent: Light, A	Area Affectea : 0	0%			
	Location: Various Locations	•.				
	Explanation: 50-60 Gas Fired Un	uts				
No Component	40%					D
Air Conditioning						
Energy Source	1000/	2020	de de			-
Electricity	100%	2030	* *	1		В
Conversion Equipment	40-1	-01-	****		<b>***</b> ***	_
Reciprocating	40%	2017	\$194,000	1	\$23,400	В
Compr/Chiller		A CC . 1 . 40	0/			
	R-22 Refrigerant, Extent: Light, Ar	ea Affected : 40	%			
	Location: Roof					
No Component	60%					D
Terminal Devices	40-1	-0	<b>*1=</b> 1100			_
Fan Coil - Cooling	40%	2017	\$176,100	1	\$16,300	В
No Component	60%					D
Heat Rejection				_		_
Remote Air Cond	40%	2017	\$136,600	2	\$35,100	В
No Component	60%					D
Ventilation						
Distribution	1000/		de de	a -	<b>450.200</b>	-
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$70,300	В
Exhaust Fans	1000/	2022	<b>4442.5</b> 00		Φ2.000	-
Roof	100%	2022	\$113,700	2	\$3,900	В
Plumbing						
H/C Water Piping	1000/	2022	* *	1		D
Brass/Copper	100%	2032		1		В
Water Heater Electric	1.00/	2017	¢2.200	4	¢100	ъ
	10%	2017	\$2,200	4	\$100	В
Gas Fired	10%	2017	\$3,300	2	\$200	В
No Component	80%					D
Sanitary Piping  Cast Iron	100%	LIFE	* *	1		В
	100%	LIFE		1		Д
Storm Drain Piping	100% Now \$10,00	00 LIFE	* *	1		В
Cast Iron	100% Now \$10,00 Blockage /Clogged, Extent : Severe,			1		Б
	Location: Roof Drains Clogged	, лгеи лујестеа :	1070			
Carriago Eigetan(a)	Locuion . Rooj Drums Cioggeu					
Sewage Ejector(s)	100%	2022	¢10.200	1	¢1 200	D
Electric	100%	2022	\$10,300	4	\$1,300	В

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

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

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

Mechanical		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of 1 Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Plumbing								
Fixtures								
Generic	100%							В
Fire Suppression								
Standpipe								
Generic	100%			2022	\$510,100	1-5	\$63,600	В
Sprinkler								
Generic	100%			2022	\$1,668,800	1-2	\$35,400	В
Fire Pump								
Generic	100%			2025	* *	1	\$23,600	В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$265,000	\$314,600
Interior Architecture		\$76,000
Mechanical	\$46,400	
Total	\$311,400	\$390,700
Priority A	\$265,000	\$314,600
Priority B	\$46,400	
Priority C		\$76,000
Total	\$311,400	\$390,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$13,600			
Mechanical	\$62,400	\$400	\$3,000	\$400
Total	\$76,000	\$400	\$3,000	\$400
Priority A	\$13,600			
Priority B	\$62,400	\$400	\$3,000	\$400
Total	\$76,000	\$400	\$3,000	\$400



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

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

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

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior								
Exterior Walls								
Metal, Corrugated	10%	Now	\$13,600	2052	* *	1		A
	Broken/M	issing Elem	ients, Extent : Seve	re, Area	Affected : 100%			
	Location	i : Through	out					
No Component	90%							D
Roof								
Roll Roofing	100%	Now	\$265,000	2024	\$265,000	5	\$49,600	A
	Drains Inc	ad/Misposn	, Extent : Severe, A	rea Affe	cted : 100%			
	Location	: Through	out					
	Ponding,	Extent : Sev	vere, Area Affected	: 100%				
	Location	: Through	out					
		ded, Extent i : Through	: Moderate, Area A out	Affected	: 25%			
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$76,000	C
Ceilings								
Exposed Struc: Steel	100%			LIFE	* *			В
	Corrosion	/Rusting, E	Extent : Moderate, A	rea Affe	cted : 30%			
	Location	: Through	out					
	Water Per	etration, E	Extent : Light, Area	Affected	: 5%			
	Location	: Through	out					

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating								
Energy Source								
Natural Gas	100%	Now	\$8,600	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	\$46,400	2027	* *	2	\$8,600	В
	Other Obs	ervation, E	Extent : Severe, Ared	a Affecte	d : 100%			
	Location : Along Ceiling							
	Explanation: 30 Obsolete Units							
Plumbing								
H/C Water Piping								
Brass/Copper	100%	Now	\$15,700	2042	* *	1		В
	Corroded,	Corroded, Extent : Severe, Area Affected : 100%						
	Location: Railroad Shed							

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

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

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

Mechanical	Current Rep	Current Repair			Maintenance			
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Plumbing								
Storm Drain Piping								
Cast Iron	100% Now	\$7,400	LIFE	* *	1		В	
	Blockage /Clogged, Ext	ent : Severe, Are	a Affecte	d: 100%				
	Location: Roof Drain	S						
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location: Entire Roof							
Fire Suppression								
Sprinkler								
Generic	100% 0-2	\$30,800	2042	* *	1-2	\$5,600	В	
	Corroded, Extent : Severe, Area Affected : 100%							
	Location: Throughou	t						

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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

**Total** 

Priority

**Total** 

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture Interior Architecture	\$19,800			
Total	\$19,800			
Priority A Priority C	\$19,800			
Total	\$19,800			



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

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

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

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type		ail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior								
Roof								
Metal, Corrugated	20%	Now	\$19,800	2042	* *	1		A
	Broken/Miss	ing Eleme	ents, Extent : Seve	re, Area	Affected : 100%			
	Location: Throughout							
No Component	80%							D
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$29,500	C

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$109,200	
Interior Architecture		\$60,300
Electrical	\$6,500	\$34,800
Mechanical		\$197,600
Total	\$115,800	\$292,700
Priority A	\$109,200	
Priority B	\$6,500	\$292,700
Total	\$115,800	\$292,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$7,700			
Interior Architecture	\$28,100	\$300		\$2,600
Electrical	\$21,700	\$100	\$1,300	\$100
Mechanical	\$600	\$1,400	\$4,800	\$2,000
Total	\$58,100	\$1,800	\$6,100	\$4,700
Priority A	\$7,700			
Priority B	\$28,700	\$1,500	\$6,100	\$2,100
Priority C	\$21,700	\$300		\$2,600
Total	\$58,100	\$1,800	\$6,100	\$4,700



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

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

Asset #: 2797

Architecture	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior Exterior Walls							
Masonry: Brick	100% Now Horizontal Cracks, Location: West Formula Misaligned/Bulging	acade			5	\$16,300	A
	Location: West F	acade					
Windows Aluminum	100%		2030	* *	5	\$1,500	A
Parapets Masonry: Brick	100%		LIFE	* *	5	\$6,800	A
Roof							
Single Ply Membrane	100% Now Blisters, Extent: Me Location: Throug Other Observation,	hout		* * cted : 100%			A
	Location: Throug						
terior	•						
Floors Carpet	25%		2015	\$19,100	3	\$6,500	С
	Worn/Eroded, Exter Location: Throug Other Observation, Location: Offices Explanation: Ope	hout Extent : Light, Area					
Cast in Place Concrete	10%		LIFE	* *	5	\$2,800	С
Ceramic Tile	5%		2031	* *	5	\$600	C
Vinyl Tile	60%		2027	* *	3	\$3,900	С
Interior Walls	100/			* *	_	φ.σ.ο.ο	~
Concrete Masonry Unit	10%		LIFE	* *	5	\$200	C
Gypsum Board	90%		LIFE	4. 4.	5	\$2,400	С
Ceilings AcousTile,Adhered	30% Broken/Missing Ele Location: Variou Staining/Discolorin Location: Throug Worn/Eroded, Exter Location: Throug	s g, Extent : Light, Ard hout nt : Moderate, Area	ea Affecte	ed : 30%	5	\$3,900	В
AcousTileSusp.Lay-In	70% Broken/Missing Ele Location: Variou Staining/Discolorin Location: Variou	s g, Extent : Light, Arc s	ea Affecte	ed : 25%	5	\$9,100	В
	Worn/Eroded, Exter		Affected .	25%			
	Location : Throug	hout					

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

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

Asset #: 2797

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year F FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts		•				-
Service Equipment				_		_
Fused Disc Sw	33%	2032	**	5		В
	Other Observation, Extent: Me		ed : 100%			
	Location : Electrical Room In Explanation : Three Electrica	o .	600 800 414	00 4		
Fused Disc Sw			* *			D
Fused Disc Sw Fused Disc Sw	33% 34%	2042 2048	* *	5		B B
	34%	2048		5		D
Switchgear / Switchboard Fused Disc Sw	70%	2032	* *	5		В
Fused Disc Sw	30%	2032	* *	5		В
Raceway	3070	2046				ъ
Conduit	30%	2042	* *	1		В
Conduit	70%	2022	\$13,300	1		В
Panelboards	7070	2022	Ψ13,300			
Molded Case Bkrs	30%	2038	* *	5	\$100	В
Molded Case Bkrs	70%	2021	\$15,700	5	\$200	В
Wiring		<del>-</del>	, - ,		,	
Braided Cloth	70% 2-4 \$	16,900 2047	* *	1		В
	Insulation Aged, Extent: Mode	*	: 100%			
	Location : Throughout The B	uilding				
Thermoplastic	30%	2042	* *	1		В
Motor Controllers						
Locally Mounted	100%	2027	* *	5	\$100	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$100	В
	Other Observation, Extent : Me	oderate, Area Affecto	ed : 100%			
	Location: Water Main					
	Explanation : Main Water Pi	pe				
Lighting						
Interior Lighting	0.00/	2022	¢24.000	10	ΦC 400	D
Fluorescent	80%	2022	\$34,800	10	\$6,400	В
	Other Observation, Extent : Mo Location : Throughout The B		ea : 100%			
	Explanation : Compact Fluor					
			¢c 500	10	¢1 200	D.
Fluorescent	15% Other Observation, Extent: Me	2017	\$6,500	10	\$1,200	В
	Location : Hallway, Office A		ea . 100%			
	Explanation: T-12 Lambs	ia siorage Room				
HID	5%	2022	\$1,800	10		В
Egress Lighting	J 70	2022	\$1,000	10		D
Egress Lighting Exit, Service	100% 2-4	\$900 2032	* *	1		В
EAR, SERVICE	On Extended Life, Extent: Mod			1		ט
	Location: Throughout The B					

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

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

Asset #: 2797

Electrical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting Exterior Lighting							
HID	100% Now	\$3,900	2032	* *			В
	Not in Service, Exter	nt : Moderate, Area	Affected	: 100%			
	Location: Through	hout					

Mechanical	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Energy Source							
Electricity	60%		2032	* *	1		В
Natural Gas	40%		2032	* *	1		В
Conversion Equipment							
Furnace	10%		2027	**	1	\$400	В
Heat Pump	60%		2020	\$43,900	2	\$1,600	В
	Other Observation, Location: Roof	C		: 60%			
		terior Package Uni					
Radiant Heater	30%		2022	\$13,000	2	\$1,200	В
	Other Observation,	_	Affected	: 30%			
	Location : Various	Areas					
	Explanation : 6 Ge	as Radiant Heaters					
Air Conditioning							
Energy Source							
Electricity	100%		2030	* *	1		В
Conversion Equipment							_
Ext Pkg Unit -	60%		2022	\$38,900	2	\$300	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/		T TEE	* *	2.5	Ф.4.000	ъ
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$4,800	В
Exhaust Fans	1000/		2022	Φ <b>7</b> , 000	2	Ф200	D
Roof	100%		2022	\$7,800	2	\$300	В
Plumbing H/C Water Bining							
H/C Water Piping	1000/		2032	* *	1		D
Brass/Copper Water Heater	100%		2032	-1. dr	1		В
Water Heater Gas Fired	100%		2017	\$2,300	2	\$100	В
	100%		2017	\$2,300		\$100	Ď
Sanitary Piping Cast Iron	100%		LIFE	* *	1		В
	100%		LIFE		1		D
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		В
Cast HOII	10070		LIFE		1		ט

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

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

Mechanical	Cui	rrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Plumbing							
Sewage Ejector(s)							
Electric	100%		2022	\$10,300	4	\$1,300	В
Fixtures					•		
Generic	100%						В
Fire Suppression					•		
Standpipe							
Generic	100%		2032	* *	1-5	\$4,400	В
Sprinkler							
Generic	100%		2022	\$114,700	1-2	\$2,400	В
Fire Pump							
Generic	100%		2025	* *	1	\$1,600	В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$182,400	\$138,100
Interior Architecture	\$146,100	\$56,400
Electrical	\$165,700	
Mechanical		\$1,131,100
Total	\$494,300	\$1,325,700
Priority A	\$182,400	\$138,100
Priority B	\$165,700	\$1,131,100
Priority C	\$146,100	\$56,400
Total	\$494.300	\$1,325,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$33,100		\$500	\$6,300
Interior Architecture	\$40,100	\$1,400		\$1,900
Electrical	\$1,800	\$1,400	\$12,200	\$2,300
Mechanical	\$10,700	\$11,300	\$40,000	\$13,900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$89,600	\$18,000	\$56,600	\$28,400
Priority A	\$33,100		\$500	\$6,300
Priority B	\$51,400	\$16,600	\$56,100	\$20,100
Priority C	\$5,200	\$1,400		\$1,900
Total	\$89,600	\$18,000	\$56,600	\$28,400



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

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

Asset #: 4338

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior								
Exterior Walls						_		
Masonry: Brick	85%			LIFE	* *	5	\$74,800	A
Masonry: Limestone	5%			LIFE	* *	5	\$3,300	A
Pre-Cast Concrete	10%			LIFE	* *	5	\$28,600	A
Windows	<b>50</b> 0/			2020	* *	-	¢12.700	
Aluminum	50%	amation L	Extent Moderate	2038		5	\$12,700	A
		ervation, E : Through	Extent : Moderate, A	Area Ajje	ciea : 100%			
		_	oui 'ows Were Installed	l In The I	Interior.			
Wood	50%	Now	\$85,500	2030	* *	5	\$63,400	A
		ed Finish,	Extent : Moderate,	Area Af	fected : 25%		. ,	
	Location	: Through	out					
Parapets								
Masonry: Brick	25%			LIFE	* *	5	\$2,100	A
Metal Cornice	70%			2050	* *	10	\$18,500	A
Slate	5%	Now	\$56,900	LIFE	* *	5	\$400	A
	Location	Miss/Eroo : Coping !/Bulging,	d, Extent : Severe, A					
Roof								
Asphalt Macadam	5%			2022	\$6,400	5	\$1,000	A
Metal Panel	10%			2035	* *	10	\$5,800	A
Modified Bitumen	Location Water Pend	: Over Fo	\$40,100 nings, Extent : Mod urth Floor Extent : Moderate, A nce Studio					A
Skylight, Metal/Glass	Location	: Over Fif	\$27,300 Extent : Moderate, A th Floor Eked, Extent : Mode					A
	_	океп/Стас : Over Fif		тине, АГС	ли Аујестей . 10%			
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	\$16,500	C
Ceramic Tile	5%			2018	\$89,700	5	\$3,800	C
Quarry Tile	5%			2035	* *	5	\$5,600	C
Wood	80%			2037	* *	5	\$112,900	C

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

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

Asset #: 4338

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nterior								
Interior Walls								
Ceramic Tile	5%			2025	* *	5	\$4,700	C
Ceramic Tile	3%			2031	* *	5	\$2,800	C
Concrete Masonry Unit	2%			LIFE	* *	5	\$800	C
Glass Block	2%			LIFE	* *			C
Gypsum Board	35%			LIFE	* *	5	\$19,700	C
Masonry: Brick	10%			LIFE	* *			C
Plaster	43%			LIFE	* *	5	\$12,100	C
	Water Pen	etration, E	xtent : Moderate, A	rea Affe	cted : 5%			
	Location	: Room 40	)3					
Ceilings								
AcousTileSusp.Lay-In	10%			2035	* *	5	\$7,500	В
Embossed Metal	70%			LIFE	* *	5	\$23,700	В
Exposed Concrete	5%	Now	\$31,200	LIFE	* *	5	\$600	В
•	Cracking/0	Crumbling,	Extent : Severe, A	rea Affec	eted : 20%			
	Location	: Beams In	ı Basement					
	Exposed R	einforceme	ent, Extent : Severe	Area A	ffected : 10%			
	Location	: Beams Ir	Basement		V			
Gypsum Board	15%			LIFE	* *	5	\$14,100	В
- J F		etration, E	xtent : Moderate, A	rea Affe	cted : 10%		, , ,	
		: Room 40		33 -				

Electrical	Current Repa	ir Future Repl	acement	М	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year Estin FY	nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2042	* *	5	\$200	В
	Other Observation, Exten	t : Moderate, Area Affected :	100%			
	Location : Electrical Ro	om				
	Explanation: One 800 A	Amps And One 400 Amps Mai	n Disconnec	ct Switch		
Switchgear / Switchboard						
Fused Disc Sw	100%	2042	* *	5	\$200	В
Raceway						
Conduit	100%	2042	* *	1		В
Panelboards						
Fused Disc Sw	10%	2038	* *	5	\$100	В
Molded Case Bkrs	90%	2038	* *	5	\$1,200	В
Wiring						
Thermoplastic	100%	2042	* *	1		В
Motor Controllers						
Locally Mounted	100%	2035	* *	5	\$300	В
Ground						
Grounding Devices						
Not Accessible	100%					D
Lighting						

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.

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

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

Asset #: 4338

Electrical	Current Repair	Future	Replacement	M		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting						
Interior Lighting						
Fluorescent	95%	2027	* *	10	\$43,800	В
	Other Observation, Extent : Modera	ate, Area Affec	ted : 100%			
	Location : Throughout The Buildin	ng				
	Explanation: T-8 Lamps					
Incandescent	5%	2017	\$121,900	2	\$100	В
Egress Lighting						
Emergency, Battery	50%	2027	* *	10	\$6,100	В
Exit, Service	50%	2027	* *	1		В
Exterior Lighting						
Fluorescent	100%	2027	* *	10	\$4,500	В
	Other Observation, Extent: Modera	ite, Area Affec	ted : 100%			
	Location : Outside					
	Explanation: T-5 Lamps					
Alarm						
Security System						
No Component	70%					D
Generic	30%	2027	* *	1	\$5,500	В
Fire/Smoke Detection						
No Component	70%					D
Generic	30%	2027	* *	1-3	\$9,300	В

Mechanical	Current Repair		Futur	e Replacement	M		
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Energy Source							
Fuel Oil No 2	100%		2032	* *	5	\$15,600	В
Conversion Equipment							
Steam Boiler	100%		2035	* *	1	\$49,900	В
	Other Observation, I	Extent : Light, Area I	Affected	: 100%			
	Location: Basemen	nt					
	Explanation : 1 Un	it					
Distribution							
Steam Piping/Pump	100%		2022	\$430,600	4	\$2,500	В
Terminal Devices							
Convector/Radiator	100%		2020	\$582,600	1	\$16,300	В
Air Conditioning							
Energy Source							
Electricity	100%		2030	* *	1		В
Conversion Equipment							
Reciprocating	20%		2022	\$41,900	1	\$4,700	В
Compr/Chiller							
Window/Wall Unit	60%		2020	\$76,100	1		В
No Component	20%						D

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

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

Asset #: 4338

Mechanical		Current Repair	Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date Estimated (Years)	Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Air Conditioning								
Distribution								
Chilled Wtr Pipe/Pump			2032	* *	4	\$700	В	
No Component	80%						D	
Terminal Devices								
No Component	80%						D	
Not Accessible	20%						D	
Heat Rejection							_	
Air Condenser Unit	20%		2022	\$19,700	2	\$7,000	В	
No Component	80%						D	
Ventilation								
Distribution								
Ductwork/Diffusers	40%		LIFE	* *	2-5	\$11,200	В	
No Component	60%						D	
Exhaust Fans					_		_	
Roof	40%		2027	* *	2	\$600	В	
No Component	60%						D	
Plumbing								
H/C Water Piping								
Brass/Copper	100%		2032	* *	1		В	
Water Heater								
Gas Fired	100%		2017	\$14,400	2	\$800	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	\$11,100	4	\$1,300	В	
<b>Backflow Preventer</b>								
Generic	100%		2027	* *	1	\$3,100	В	
Fixtures								
Generic	100%						В	
Vertical Transport								
Elevators								
Geared Traction	100%		LIFE	* *			C	
		ervation, Extent : Light	, Area Affected	: 100%				
	Location	: C-4						
	Explana	tion : 1 Unit						
Fire Suppression								
Standpipe								
Generic	100%		2042	* *	1-5	\$26,300	В	
Sprinkler								
No Component	80%						D	
Generic	20%		2032	* *	1-2	\$2,800	В	
Fire Pump								
Generic	100%		2025	* *	1	\$9,400	В	

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 202		
Exterior Architecture	\$919,700	\$2,349,300		
Interior Architecture	\$13,681,500	\$1,928,700		
Electrical	\$1,430,300	\$76,500		
Mechanical	\$9,512,800	\$348,90		
Total	\$25,544,500	\$4,703,400		
Priority A	\$919,700	\$2,349,300		
Priority B	\$16,392,600	\$602,100		
Priority C	\$8,232,100	\$1,752,000		
Total	\$25.544.500	\$4,703,400		

Total	\$187,500	\$112,000	\$153,400	\$125,600
Priority C	\$4,300			\$15,400
Priority B	\$153,100	\$112,000	\$153,400	\$110,200
Priority A	\$30,100			
Total	\$187,500	\$112,000	\$153,400	\$125,600
Mechanical	\$22,300	\$61,500	\$104,200	\$61,500
Electrical	\$130,800	\$50,500	\$49,200	\$48,600
Interior Architecture	\$4,300			\$15,400
Exterior Architecture	\$30,100			
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

Asset #: 4446

Architecture	Current F	Repair	Futur	e Replacement	Maintenance					
ystem Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code			
xterior										
Exterior Walls										
Cast Stone/Terra Cotta	5%		LIFE	**	5	\$285,800	A			
	Recent Repair Evider Location : Through		te, Area .	Affected : 15%						
Copper/Terne	5%		2056	* *	10	\$85,700	A			
Fiberglass Panel	10% 0-2	\$587,600	2036	* *	5	\$137,200	A			
Ç		Broken/Missing Elements, Extent : Moderate, Area Affected : 25% Location : North Facade,South Facade								
	Staining/Discoloring	, Extent : Moderate	, Area A	ffected : 50%						
	Location: North Fo	acade,South Facad	e							
	Other Observation, E Location : North Fo			cted : 100%						
	Explanation: Corr.	ugated Panels								
Masonry: Brick	80%		LIFE	* *	5	\$585,200	A			
·	Efflorescence, Extent: Light, Area Affected: 5% Location: North And East Elevations.									
	Recent Repair Evider Location : Through		te, Area	Affected : 25%						
Windows										
Wood	100%		2037	* *	5	\$492,700	A			
Parapets										
Cast Stone/Terra Cotta	5%		LIFE	* *	5	\$73,200	A			
Masonry: Brick	95%		LIFE	* *	5	\$179,700	A			
Roof										
Copper/Terne	7%		2061	* *	10	\$146,600	A			
	Recent Replace Evide	_		ected : 100%						
	Location: Turrets	And Bands At Barre	el Roof.							
Modified Bitumen	10% Now	\$30,100	2029	* *			A			
	Ponding, Extent: Lig	ht, Area Affected :	10%							
	Location : Flat Sec	tion Over Second F	loor							
Modified Bitumen	83%		2031	* *	10	\$695,300	A			
	Recent Replace Evido Location : Barrel Re		ate, Arec	a Affected : 100%		•				

Interior

<sup>\*\*</sup> 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior								
Floors						_		_
Cast in Place Concrete	75%		\$4,675,500	LIFE	**	5	\$1,124,800	С
		_	e, Extent : Severe, A nt & 2nd Floor.	Area Affe	cted : 20%			
Ceramic Tile	2%			2024	\$302,100	5	\$13,700	С
Vinyl Tile	5%			2021	\$325,000	3	\$17,100	C
Vinyl Tile	13%		\$845,000	2031	* *	3	\$33,400	C
	Location	n : Second I	nents, Extent : Seve Floor Offices And T nt, Extent : Severe, .	Througho	out 2nd Floor In G	eneral.		
	Location	n : Second I	Floor Offices.					
			Extent : Severe, Are	a Affecte	d: 100%			
	Location	n : Through	out 2nd Floor.					
	Explana	tion : 9"x9	" Tiles.					
Wood	5%	Now	\$723,100	2061	* *	5	\$32,100	С
		_	nents, Extent : Seven all Court, Bowling A		Affected : 100%			
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$10,700	C
Gypsum Board	5%			LIFE	* *	5	\$16,100	C
Masonry: Brick	70%			LIFE	* *			C
		epair Evider n : Drill Flo	nt, Extent : Modera oor	te, Area	Affected : 15%			
Masonry: Brick	5%	Now	\$1,086,300	LIFE	* *			С
·	_	/Crumbling, n : Basketbo	Extent : Moderate all Court	, Area A	ffected : 5%			
	Diagonal	Cracks, Ex	tent : Severe, Area	Affected	: 5%			
	Location	n : Basketbo	ıll Court					
Plaster	12%	Now	\$704,200	LIFE	* *	5	\$19,300	С
	Broken/M		nents, Extent : Seve		Affected : 75%		. ,	
		lam Surface n : All Area	e, Extent : Severe, A s.	rea Affe	cted : 75%			
	Water Per	netration, E	xtent : Severe, Ared	a Affecte	d : 25%			
	Location	n : Second I	Floor And Basemen	ıt.				
Steel Plate	3%	Now	\$198,000	LIFE	* *	5	\$9,600	С
	Corrosion		xtent : Severe, Ared		d : 20%		. ,	
			At Loading Dock.					

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

Asset #: 4446

Architecture	Current Re	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Es	stimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
Interior									
Ceilings									
AcousTileSusp.Lay-In	10% Now Broken/Missing Eleme Location : All.	\$273,300 nts, Extent : Seve	2026 re, Area Affa	* * ected : 70%	5	\$34,300	В		
	Worn/Eroded, Extent : Location : All.	Severe, Area Affe	ected : 30%						
Exposed Concrete	65% Now Corrosion/Rusting, Ex Location: Steel Men			* *	5	\$69,600	В		
	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, Location: Steel Men			l : 5%					
Plaster	25% Now Broken/Missing Eleme Location : All Areas. Loose/Delam Surface, Location : All Areas.				5	\$107,100	В		

ectrical		Current F	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
der 600 Volts								
Service Equipment								
Fused Disc Sw	100%	Now	\$32,400	2051	* *	5	\$1,000	В
			tent : Moderate, Ai	ea Affec	ted : 100%			
	Location	: Electrica	al Room.					
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	: Electrica	al Room.					
	Explanat	ion : Rated	d At 950 Amperes.					
Transformers								
Dry Type	100%	Now	\$13,900	2041	* *	5	\$900	В
	Not in Serv	ice, Exten	t : Severe, Area Aff	ected : 1	00%			
	Location	: First Flo	oor					
Switchgear / Switchboard								
Molded Case Bkrs	20%			2041	* *	5	\$2,400	В
Molded Case Bkrs	80%	Now	\$142,300	2051	* *	5	\$4,800	В
	On Extend	ed Life, Ex	tent : Severe, Area	Affected	! : 80%			
	Location	: First Flo	oor					
Raceway								
Conduit	20%			2031	* *	1		В
Conduit	80%	0-2	\$37,400	2051	* *	1		В
	Corroded,	Extent : M	loderate, Area Affe	cted : 10	0%			
	Location	: Basemen	ıt					

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

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

Asset #: 4446

Electrical	С	urrent R	epair	Futur	e Replacement	M	aintenance	
System Component Type		il Date Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts				•				•
Panelboards						_		_
Molded Case Bkrs	10%			2037	* *	5	\$1,200	В
Molded Case Bkrs	20%			2029	**	5	\$2,400	В
Molded Case Bkrs	10%		Φ00 000	2020	\$13,500	5	\$1,200	В
Molded Case Bkrs	On Extended Location : I	First Floo nent, Ext	\$80,900 ent : Severe, Area or And Throughou ent : Severe, Area	t		5	\$3,600	В
Wiring								
Braided Cloth			\$58,000 nt : Severe, Area A	2046 Affected :	* *	1		В
Thermoplastic	20%			2031	* *	1		В
Motor Controllers	• 0= :			2010	<b></b>	_	<b>*</b> - a -	-
Locally Mounted Locally Mounted	20% 80% I	Now	\$17,300	2019 2041	\$4,300 * *	5 5	\$600 \$1,200	B B
	Location : I	Basemeni	nt : Moderate, Ard e ent : Moderate, A					
Ground								
Grounding Devices Generic		Basemeni		LIFE Area Affe	* * ccted : 100%	5	\$6,700	В
Stand-by Power								
Transfer Switches Automatic	On Extended		\$10,800 ent : Severe, Area or Electrical Roon		**	1	\$126,200	В
Generators								
Diesel			\$73,000 ktent : Severe, Are or	2036 a Affecte	* * d : 100%	1	\$158,400	В
Batteries								
Lead/Acid			\$600 ent : Severe, Area r Room	2016 Affected	\$600 : 100%	5	\$8,400	В
Fuel Storage								
Main Tank		Corroded		2061 a Affecte	* * d : 100%	5	\$6,800	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.

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

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

Asset #: 4446

Electrical	Current Repa	air	Futur	e Replacement	M		
System Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting							
Interior Lighting							
Fluorescent	15%		2031	* *	10	\$63,000	В
	Other Observation, Exter	ıt : Moderate, A	Area Affe	cted : 100%			
	Location: Throughout						
	Explanation: T-8 Lamp	os.					
Fluorescent	85% Now	\$938,000	2031	* *			В
	Damaged Fixtures, Exter		Area Affe	cted : 100%			
	Location: Throughout		33				
Egress Lighting							
Emergency, Battery	50% Now	\$18,900	2031	* *			В
zmergeney, zumery	Not Functioning, Extent:			ed : 100%			
	Location : 1st Floor	,	33				
Exit, Battery	50% Now	\$37,800	2031	* *			В
Exit, Battery	Not Functioning, Extent:			ad - 100%			ъ
	Location: 1st Floor	Moderale, Are	и Ајјеси	ea . 10070			
Entering Links	Locuiton . 1st Fioor						
Exterior Lighting	100% Now	¢10.500	2021	* *			D
HID		\$18,500	2031				В
	Damaged Fixtures, Exter		а Ађесте	a:100%			
	Location : Outside Peri	meter					
Alarm							
Security System	1000/		202 -	* *		Φ1 <b>5</b> 0 000	ъ
Generic	100%		2026	* *	1	\$170,000	В

Mechanical	Current Rep	air	Futur	e Replacement	M	aintenance			
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
leating									
Energy Source									
Electricity	5%		2041	* *	1		В		
Natural Gas	95%		2031	* *	1		В		
	Not in Service, Extent: 1	Light, Area Affec	ted : 10	0%					
	Location: Boiler Room	<i>1</i> .							
	Other Observation, Exte	nt : Moderate, A	rea Affe	cted : 95%					
	Location: Basement.								
	Explanation: Gas Sup	ply Has Been Sh	ut Off.						
Conversion Equipment									
Radiant Heater	5%		2021	\$114,400	2	\$10,600	В		
Steam Boiler	95% Now	\$1,254,200	2041	* *	1	\$388,400	В		
	Not in Service, Extent: 1	ight, Area Affec	ted : 10	0%					
	Location: Boiler Room.								
	On Extended Life, Exten	t : Severe, Area	Affected	: 100%					
	Location : Basement B		33						
	Other Observation, Exte	nt : Light, Area	Affected	. 95%					
	Location : Basement B		-,,, = =	/ 0					
	Explanation: 3 Units	2100111							

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

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

Mechanical	Current Re	epair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Distribution	4000/ N	Φ4 50 <b>2</b> 000	20.51	ate ate		Φ22 500	-
Steam Piping/Pump	100% Now Not in Service, Extent	\$1,683,000	2051	**	4	\$22,600	В
	Location : Througho		естеа . 1	0070			
	Other Observation, Ex		a Affecte	d : 100%			
	Location : Througho		55				
	Explanation: Piping	Cut Loose From	Radiatio	n And Broken Or l	Missing T	Throughout	
Terminal Devices							
Air Handler	20% Now	\$560,300	2031	**	1	\$51,100	В
	Other Observation, Ex Location : Basement		a Affecte	d: 100%			
	Explanation : Air Ha		imaged V	With Steam Coils (	ut Out		
Convector/Radiator	80% Now	\$3,361,900	2026	* *	1	\$106,700	В
Convector/radiator	Not in Service, Extent			00%	•	Ψ100,700	Б
	Location : Througho						
	Other Observation, Ex	tent : Severe, Are	a Affecte	d: 100%			
	Location : Througho						
	Explanation: Damag	ged Radiators / M	any With	Missing Or Broke	n Valves	And Steam Traps	
Ventilation	Throughout						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$255,500	В
	Not in Service, Extent		ected : 1	00%			
	Location : Througho	ut					
Exhaust Fans Interior	100% Now	\$20,200	2031	* *	2	\$11,300	В
Interior	Broken, Extent : Sever				2	\$11,500	Б
	Location : Basement		10070				
Plumbing							
H/C Water Piping							
Brass/Copper	100% Now	\$1,552,000	2051	* *	1		В
	Other Observation, Ex		a Affecte	d : 100%			
	Location : Througho Explanation : Piping						
Water Heater	Explanation . Fiping	Broken Or Missii	ng				
Gas Fired	100% Now	\$120,900	2021	\$120,900	2	\$5,500	В
	Unit Inoperable, Exter					, - , - , -	
	Location : Boiler Ro						
	Other Observation, Ex		a Affecte	d : 100%			
	Location : Boiler Ro		., ,, -	, , , ,	,		
	Explanation : Boiler	Room Flooded / I	No Hot V	Vater Supplied To	Any Fixti	ures.	

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

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

Mechanical	Current Repair	Future Replacer	nent	Ma	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	l Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Plumbing						
Sanitary Piping						
Cast Iron		LIFE	* *	1		В
	Broken, Extent : Severe, Area Affected : 10 Location : Connections At Fixtures	00%				
		VCC				
	Other Observation, Extent : Severe, Area A	Ајјества : 100%				
	Location: Throughout	Mart Han Danie	) OC		A E 1 . 1	
	Explanation: Piping In Poor Condition/ Period	Most Has Been C	յսւ Օյ Հ	service F	or An Extendea	
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
	Recent Replace Evident, Extent : Light, Are		,			
	Location : All Piping Above Slabs Up To	Roof Drains				
Fixtures						
Generic	100%					В
	Not in Service, Extent : Severe, Area Affect	ted : 100%				
	Location : Throughout.					
	Obsolete Fixtures, Extent : Severe, Area Aj	ffected : 100%				
	Location : Throughout.					
	Other Observation, Extent : Severe, Area A	Affected : 100%				
	Location : Throughout.					
	Explanation: Broken/Missing Fixtures.					
Fire Suppression						
Sprinkler						_
No Component	90%				<b></b>	D
Generic		2031	* *	1-2	\$11,100	В
	Other Observation, Extent: Severe, Area A					
	Location: Loading Dock/Basement Stor	-				
	Explanation : System Not In Service / Ma	in Valve Closed				

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,137,400	\$1,562,200
Interior Architecture	\$326,600	\$1,157,900
Electrical	\$170,000	\$205,000
Mechanical		\$231,000
Total	\$1,634,100	\$3,156,100
Priority A	\$1,137,400	\$1,562,200
Priority B	\$170,000	\$436,000
Priority C	\$326,600	\$1,157,900
Total	\$1,634,100	\$3,156,100

Total	\$101,500	\$134,700	\$81,000	\$98,500
Priority C		\$27,000		
Priority B	\$84,600	\$107,600	\$81,000	\$98,500
Priority A	\$16,900			
Total	\$101,500	\$134,700	\$81,000	\$98,500
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Mechanical	\$44,700	\$75,700	\$55,500	\$69,200
Electrical	\$17,600	\$24,000	\$17,600	\$21,400
Interior Architecture	\$14,400	\$27,000		
Exterior Architecture	\$16,900			
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

#### 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
xterior						•		•
Exterior Walls								
Metal Panel	95%			2049	* *	5-10	\$1,415,400	Α
Metal Coiling Doors	5%			2040	* *	5	\$33,900	A
Windows								
Aluminum	100%			2045	* *	5		A
Roof								
Metal Panel	70%			2036	* *	10	\$942,100	A
Spray-on Foam	30%	Now	\$195,300	2028	* *	5	\$146,800	A
		Extent : Mod n : Through	derate, Area Affecte out	ed : 30%				
	Drains In	ad/Misposn	, Extent : Moderate	e, Area A	ffected : 20%			
		Location : Throughout ater Penetration, Extent : Moderate, Area Affected : 10%						
			ision Joints	rea rijje	ciea . 1070			
		-	Extent : Moderate, A	Aroa Affa	ctad · 25%			
		servation, E 1 : Through		теи Аује	ciea . 2570			
			oui nsion Joint Failure					
terior	Елрини	пон . Ехри	nsion Joini I aiture					
Floors								
Cast in Place Concrete	75% Cracking/		\$326,600 Extent : Moderate	LIFE , Area Aj	* * ffected : 20%	5	\$943,000	C
		n : Service 1						
			ent : Moderate, Are	a Affecte	d: 10%			
			h Drains And Expa					
Ceramic Tile	2%		<u> </u>	2036	* *	5	\$11,500	С
Vinyl Tile	23%			2030	* *		\$49,600	C
Interior Walls	2370			2031			Ψ+2,000	
Ceramic Tile	2%			2036	* *	5	\$9,500	С
	68%			LIFE	* *	5	\$129,300	C
Concrete Masonry Unit		netration E	xtent : Moderate, A			3	\$129,300	C
		ieiraiion, E 1 : Stair S10		пен Ајје	иси . 3/0			
			<i>)4</i> 				* O # 400	
Gypsum Board	30%			LIFE	* *	5	\$85,600	С
Ceilings	_					_	<b>4</b>	_
AcousTileSusp.Lay-In	5%			2040	* *	5	\$28,700	В
<b>Exposed Concrete</b>	10%			LIFE	* *	5	\$9,000	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)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts					
Service Equipment					
Fused Disc Sw	100%	2043 **	5	\$1,600	В
	Other Observation, Extent : Moderate,	Area Affected : 100%			
	Location: Electrical Room				
	Explanation: 4 Main Disconnect Swi	tches Rated At 3000 Amps I	Each		

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

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

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

Asset #: 13881

Electrical	Current Repair	Future	Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nder 600 Volts						
Transformers						
Dry Type	100%	2036	* *	5	\$1,300	В
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location: Throughout The Building					
	Explanation : Approx 50 Transformer	rs With Ca	pacities Ranging .	From 30	Kva To 75 Kva	
Switchgear / Switchboard				_		_
Fused Disc Sw	100%	2043	* *	5	\$1,600	В
	Other Observation, Extent : Moderate,	Area Affe	cted : 100%			
	Location: Various Locations					
	Explanation : 4 Different Switchgear	Rooms				
Raceway						_
Conduit	100%	2043	* *	1		В
Panelboards						
Fused Disc Sw	5%	2039	* *	5	\$400	В
Molded Case Bkrs	95%	2039	* *	5	\$8,800	В
Wiring						
Thermoplastic	100%	2043	* *	1		В
Motor Controllers						
Locally Mounted	100%	2036	* *	5	\$2,300	В
round						
Grounding Devices						
Not Accessible	100%					D
ghting						
Interior Lighting						
Fluorescent	40%	2028	* *	10	\$127,900	В
	Other Observation, Extent : Moderate,	Area Affe	cted : 100%			
	Location : Offices					
	Explanation: T-8 Lamps					
Fluorescent	40%	2031	* *	10	\$127,900	В
Tagrescent	Other Observation, Extent : Moderate,		cted: 100%	10	Ψ127,700	Б
	Location : Interior Open Space	33				
	Explanation: T-5 Lamps					
		2022	¢77.100	10	¢22.000	D
Fluorescent	10%	2023	\$77,100	10	\$32,000	В
	Other Observation, Extent: Moderate,	Area Ajjeo	nea : 100%			
	Location: Entrances					
	Explanation: T-12 Lamps					
HID	10%	2028	* *	10	\$1,100	В
Egress Lighting						
Emergency, Battery	50%	2028	* *	10	\$42,100	В
Exit, Service	50%	2028	* *	1		В
Exterior Lighting						
HID	100%	2028	* *	10	\$1,100	В

Alarm

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

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

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

Asset #: 13881

Electrical	Current Repai	r Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Alarm						
Security System						
No Component	70%					D
Generic	30%	2028	* *	1	\$39,100	В
	Other Observation, Extent	: Moderate, Area Affe	cted : 100%			
	Location : Public Spaces	•				
	Explanation: CCTV S	urveillance Cameras				
Fire/Smoke Detection						
No Component	30%					D
Generic	70%	2028	* *	1-3	\$150,700	В
	Other Observation, Extent	: Moderate, Area Affe	cted : 100%			
	Location : Open Space M	Aarket And Hallways				
	Explanation : Strobe Lig	hts, Horns, Manual Pu	ıll Stations			

Mechanical	Current Repair	Future	Replacement	Ma					
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code			
leating									
Energy Source									
Electricity	3%	2043	* *	1		В			
Natural Gas	97%	2043	* *	1		В			
Conversion Equipment									
Furnace	40%	2028	* *	1	\$69,200	В			
	Other Observation, Extent: Light	, Area Affected .	40%						
	Location: Throughout								
	Explanation: 35 Units								
Radiant Heater	3%	2023	\$52,200	2	\$4,900	В			
	Other Observation, Extent: Light, Area Affected: 3%								
	Location : Rest Rooms And Stairwell								
	Explanation: 10 Units								
No Component	57%					D			
Air Conditioning									
Energy Source									
Electricity	100%	2039	* *	1		В			
Conversion Equipment									
Reciprocating	60%	2028	* *	1	\$97,100	В			
Compr/Chiller					, ,				
1	R-22 Refrigerant, Extent: Light, A	Area Affected : 6	60%						
	Location : Roof								
	Other Observation, Extent : Light	, Area Affected .	60%						
	Location : Roof	, 33							
	Explanation : 17 Units								
Ext Pkg Unit -	40%	2028	* *	2	\$8,600	В			
Heating/Cooling	10/0	2020		_	Ψο,300	D			
manny cooming	Other Observation, Extent : Light	. Area Affected	40%						
	Location: Roof	, yy							
	Explanation: 35 Units								
-	Zi-pomonion : 55 Cinis								

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

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

#### 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Air Conditioning								
Terminal Devices								
Direct Expansion	60%			2028	* *	1		В
No Component	40%							D
Heat Rejection								
Remote Air Cond	60%			2028	* *	2	\$145,800	В
No Component	40%							D
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	\$77,800	В
No Component	60%							D
Exhaust Fans								
Interior	40%			2028	* *	2	\$4,300	В
Roof	60%			2028	* *	2	\$6,500	В
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	* *	1		В
Water Heater								
Electric	5%			2021	\$3,100	4	\$100	В
Gas Fired	95%			2021	\$87,400	2	\$5,000	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Fixtures								
Generic	100%							В
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
	Other Obs	servation, E	Extent : Light, Area	Affected	: 100%			
	Location	ı : 1- M						
	Explana	tion : 2 Un	its					
Fire Suppression								
Standpipe								
Generic	100%			2049	* *	1-5	\$176,100	В
Sprinkler								
Generic	100%			2049	* *	1-2	\$97,800	В
Fire Pump								
Generic	100%			2036	* *	1	\$65,200	В

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 24-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2770 Lot : 1 BIN : 2109488

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,057,100	\$248,200
Interior Architecture	\$1,245,600	\$1,263,000
Electrical	\$503,400	\$910,200
Mechanical		\$401,900
Total	\$2,806,000	\$2,823,300
Priority A	\$1,057,100	\$248,200
Priority B	\$633,600	\$1,359,700
Priority C	\$1,115,300	\$1,215,400
Total	\$2,806,000	\$2,823,300

Total	\$162,800	\$15,400	\$47,600	\$37,400
Priority C	\$78,100			\$25,500
Priority B	\$59,800	\$15,400	\$47,600	\$11,900
Priority A	\$24,900			
Total	\$162,800	\$15,400	\$47,600	\$37,400
Mechanical	\$5,100	\$8,100	\$20,100	\$8,100
Electrical	\$24,300	\$7,300	\$27,400	\$3,800
Interior Architecture	\$108,500			\$25,500
Exterior Architecture	\$24,900			
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

<sup>\*\*</sup> 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

Architecture	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior							
Exterior Walls Cast in Place Concrete	5% Now Cracking/Crumbling	\$57,900 , Extent : Moderate	LIFE , Area A	* * ffected : 10%	5	\$45,100	A
	Location : Loading		, ,	,			
Concrete Masonry Unit	Diagonal Cracks, Ex Location : East Fa	cade, West Facade			5	\$28,200	A
	Jnt Mortar Miss/Ero Location: East Fa		e, Area A	Affected: 25%			
Metal Panel	35% Now	\$24.900	2042	* *	5	\$118,400	A
Metal Panel	Broken/Missing Elen Location: Through	nents, Extent : Ligh			3	\$118,400	A
Metal Coiling Doors	30%		2027	* *	5	\$169,200	A
Weathering Steel	5%		LIFE	* *	1		A
Windows Aluminum	100% Now Broken/Missing Elem Location: Through		2030 t, Area Ą	* * ffected : 10%	5	\$34,800	A
Roof							
Modified Bitumen	100% Now Broken/Missing Elen Location: Through Water Penetration, I Location: Through	out Extent : Moderate, A					A
Interior							
Floors	10% Now	\$51,400	2021	\$171.300	3	\$43,700	С
Carpet	Punct/Tear/Impact L Location : Through	Damage, Extent : Se		1 . ,	3	\$45,700	C
Cast in Place Concrete	55%		LIFE	* *	5	\$350,500	С
Ceramic Tile	5% Now Broken/Missing Eler Location: Through		2031 erate, Ar	* * ea Affected : 20%	5	\$7,300	С
Vinyl Tile	30% Now Cracking/Crumbling Location: Through	\$248,500 , Extent : Moderate	2022 , Area Aj	\$828,500 ffected : 30%	3	\$32,800	С

<sup>\*\*</sup> 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

Architecture		Current F	Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	\$26,700	2025	* *	5	\$4,600	C
	U	Crumbling, : Through	Extent : Light, Are	a Affecte	ed : 20%			
Concrete Masonry Unit	50%	Now	\$686,200	LIFE	* *	5	\$36,400	С
•	U	Crumbling, : Through	Extent : Moderate out	, Area Aj	ffected : 30%			
Gypsum Board	10%			LIFE	* *	5	\$10,900	С
Plaster	35%	Now	\$116,400	LIFE	* *	5	\$19,100	C
	U	Crumbling, : Through	Extent : Moderate out	, Area Aj	ffected : 20%			
Ceilings								
AcousTileSusp.Lay-In	20%			2035	* *	5	\$60,900	В
Exposed Concrete	10%			LIFE	* *	5	\$4,800	В
Exposed Struc: Steel	45%			LIFE	* *			В
Plaster	25%	0-2	\$130,200	LIFE	* *	5	\$47,600	В
	Cracking/C	Crumbling,	Extent : Light, Are	a Affecte	ed : 20%			
	Location	: Through	out					

ectrical	Curre	ent Repair	Futur	e Replacement	M	aintenance		
tem Component Type	% of Fail D Total (Yea	ate Estimated Cost rs)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
ler 600 Volts								
Service Equipment								
Molded Case Bkrs	100%		2022	\$28,500	5	\$5,000	В	
	Location : Elec	Other Observation, Extent: Moderate, Area Affected: 100%  Location: Electrical Closet  Explanation: Three 1600 Amps Main Disconnect Switch For Sections A1, A2 & A3						
	Explanation : T	hree 1600 Amps Main	Disconn	ect Switch For Sec	tions A1,	A2 & A3		
Transformers	1000/		2020	<b>412</b> 000	_	Φ=00		
Dry Type	100%		2020	\$13,900	5	\$700	В	
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Electrical Closet							
	Explanation : T	Three 75 Kva - One Foi	· Each Se	ection A1, A2 & A3				
Raceway								
Busway	10%		2020	\$3,100	1		В	
Conduit	90%		2022	\$28,100	1		В	
Panelboards								
Fused Disc Sw	20%		2021	\$18,000	5	\$900	В	
Molded Case Bkrs	80%		2021	\$71,900	5	\$4,000	В	
Wiring								
Braided Cloth	40% 2-4	\$19,400	2047	* *	1		В	
	Insulation Aged, Extent: Moderate, Area Affected: 100%							
	Location: Thro	ughout The Building						
Thermoplastic	60%		2022	\$29,100	1		В	
Motor Controllers								
Locally Mounted	100%		2020	\$74,900	5	\$1,300	В	

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

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

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

Asset #: 2146

Electrical	Curre	nt Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Da Total (Year	ate Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Ground							
Grounding Devices							
Not Accessible	100%						D
Lighting							
Interior Lighting							_
Fluorescent	75%		2017	\$351,600	10	\$133,900	В
		n, Extent : Moderate, A	Area Affe	ected : 100%			
		ughout The Building					
	Explanation : T-	·12 Lamps					
Fluorescent	10%		2027	* *	10	\$17,900	В
HID	15%		2017	\$12,000	10	\$1,000	В
Egress Lighting							
Emergency, Battery	50%		2022	\$40,100	10	\$23,500	В
Exit, Service	50%		2022	\$16,100	1		В
Exterior Lighting							
HID	100%		2017	\$7,600	10	\$600	В
Alarm							
Security System							
No Component	90%						D
Generic	10%		2022	\$64,200	1	\$7,000	В
Fire/Smoke Detection							
No Component	70%						D
Generic	30%		2022	\$659,100	1-3	\$34,600	В

Mechanical	Current Re	pair Fut	ure Replacement	M	aintenance			
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
Heating								
Energy Source								
Electricity	10%	2042	**	1		В		
Natural Gas	90%	2042	**	1		В		
Conversion Equipment								
Furnace	40%	2022	\$107,900	1	\$38,600	В		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location: 3 Mechani	ical Rooms						
	Explanation: 3 Air H	landlers, Gas Fired						
Radiant Heater	20%	2022	\$194,400	2	\$18,100	В		
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : Hallways							
	Explanation : Electric	c Baseboard Radiators						
No Component	40%					D		
1	Other Observation, Extent : Light, Area Affected : 0%							
	Location: Throughout							
	Explanation : Busine.	sses Supply And Mainta	in Their Own Heatin	g And A	C Equipment			
Ventilation								
Distribution								
Ductwork/Diffusers	100%	LIFI	**	2-5	\$108,500	В		

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

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

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

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Ventilation						
Exhaust Fans						
Roof	100%	2027	* *	2	\$6,000	В
Plumbing						
H/C Water Piping						
Galv Iron/Steel	100%	2035	* *	1		В
Water Heater						
Gas Fired	100%	2020	\$51,400	2	\$2,900	В
	Other Observation, Extent: Light, Ar	ea Affected	: 100%			
	Location: 3 Mechanical Rooms					
	Explanation: 3 Units					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Fixtures						
Generic	100%					В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 24-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2770 Lot : 1 BIN : 2109493

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,057,100	\$248,200
Interior Architecture	\$767,100	\$1,257,100
Electrical		\$1,460,500
Mechanical		\$207,500
Total	\$1,824,100	\$3,173,300
Priority A	\$1,057,100	\$248,200
Priority B	\$38,100	\$1,706,100
Priority C	\$729,000	\$1,219,000
Total	\$1,824,100	\$3,173,300

Total	\$152,400	\$11,800	\$51,200	\$33,800
Priority C	\$68,500			\$25,500
Priority B	\$59,000	\$11,800	\$51,200	\$8,300
Priority A	\$24,900			
Total	\$152,400	\$11,800	\$51,200	\$33,800
Mechanical	\$8,700	\$4,400	\$23,700	\$4,400
Electrical	\$24,300	\$7,300	\$27,400	\$3,800
Interior Architecture	\$94,500			\$25,500
Exterior Architecture	\$24,900			
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

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

Asset #: 2147

Architecture	Current I	Repair	Future	Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Exterior								
Exterior Walls  Cast in Place Concrete	5% Now Cracking/Crumbling Location: Loading		LIFE , Area Aff	* * Fected : 10%	5	\$45,100	A	
Concrete Masonry Unit	25% Now Diagonal Cracks, Ex Location: East Fac Jnt Mortar Miss/Ero Location: West Fa	cade, West Facade d, Extent : Modera			5	\$28,200	A	
Metal Panel	35% Now Broken/Missing Elen Location : Through	_	2042 t, Area Af	* * fected : 10%	5	\$118,400	A	
Metal Coiling Doors	30%		2027	* *	5	\$169,200	A	
Weathering Steel	5%		LIFE	* *	1		A	
Windows Aluminum	100% Now Broken/Missing Elen Location: Through		2030 t, Area Af	* * fected : 10%	5	\$34,800	A	
Roof Modified Bitumen	100% Now Broken/Missing Elen Location : Through		2027 erate, Are	* * a Affected : 10%			A	
nterior Floors Carpet	10% Now Punct/Tear/Impact D Location : Through	-	2021 vere, Ared	\$171,300 a Affected : 30%	3	\$43,700	С	
Cast in Place Concrete	55%		LIFE	* *	5	\$350,500	С	
Ceramic Tile	5% 0-2 Broken/Missing Elen Location : Through	_	2031 t, Area Af	* * fected : 30%	5	\$7,300	С	
Vinyl Tile	30% Now Cracking/Crumbling Location: Through		2022 , Area Aff	\$828,500 fected : 30%	3	\$32,800	С	
Interior Walls								
Ceramic Tile	5% Now Cracking/Crumbling Location: Through		2025 , Area Aff	* * fected : 20%	5	\$4,600	С	
Concrete Masonry Unit	55% 0-2 Cracking/Crumbling Location: Through		LIFE ea Affecte	* * d : 10%	5	\$40,100	С	
Gypsum Board	15%		LIFE	* *	5	\$16,400	С	
Plaster	25% 0-2 Cracking/Crumbling Location: Through	_	LIFE ea Affecte	* * d : 20%	5	\$13,700	С	

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

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

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

Asset #: 2147

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%			2027	* *	5	\$76,200	В
Exposed Concrete	10%			LIFE	* *	5	\$4,800	В
Exposed Struc: Steel	55%			LIFE	* *			В
Plaster	10%	Now	\$26,000	LIFE	* *	5	\$19,000	В
	Cracking/0	Crumbling,	Extent: Moderate	, Area Aj	ffected : 20%			
	Location	: Through	out					

Electrical	Current Repair	Futu	re Replacement	М	aintenance				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code			
Under 600 Volts									
Service Equipment									
Molded Case Bkrs	100%	2022	\$28,500	5	\$5,000	В			
	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location: Electrical Room								
	Explanation : Three 1600 Amps Main	Disconn	ect Switch For Sec	tions B1,	B2 & B3				
Transformers									
Dry Type	100%	2020	\$13,900	5	\$700	В			
	Other Observation, Extent: Moderate, Area Affected: 100%								
	Location : Electrical Closet								
	Explanation : Three 75 Kva 480hv-20	8y/120lv	- One For Each Se	ection					
Raceway						_			
Busway	10%	2020	\$3,100	1		В			
Conduit	90%	2022	\$28,100	1		В			
Panelboards									
Fused Disc Sw	20%	2021	\$18,000	5	\$900	В			
Molded Case Bkrs	80%	2021	\$71,900	5	\$4,000	В			
Wiring									
Braided Cloth	40% 2-4 \$19,400	2047	**	1		В			
	Insulation Aged, Extent: Moderate, Area Affected: 100%								
	Location: Throughout The Building								
Thermoplastic	60%	2022	\$29,100	1		В			
Motor Controllers									
Locally Mounted	100%	2020	\$74,900	5	\$1,300	В			
Ground									
Grounding Devices									
Not Accessible	100%					D			
Lighting									
Interior Lighting									
Fluorescent	85%	2022	\$398,500	10	\$151,700	В			
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation: T-8 Lamps								
HID	15%	2017	\$12,000	10	\$1,000	В			

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

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

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

Asset #: 2147

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting								
Egress Lighting								
Emergency, Battery	50%			2022	\$40,100	10	\$23,500	В
Exit, Service	50%			2022	\$16,100	1		В
Exterior Lighting								
HID	100%			2017	\$7,600	10	\$600	В
Alarm								
Security System								
No Component	90%							D
Generic	10%			2022	\$64,200	1	\$7,000	В
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2022	\$659,100	1-3	\$34,600	В

Mechanical	Current Repair	Futur	e Replacement	М			
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Heating							
Energy Source							
Electricity	10%	2042	* *	1		В	
Natural Gas	90%	2042	* *	1		В	
Conversion Equipment							
Furnace	40%	2022	\$107,900	1	\$38,600	В	
	Other Observation, Extent:	Light, Area Affected	: 100%				
	Location: 3 Mechanical R	ooms					
	Explanation : 3 Air Handle	ers, Gas Fired					
Radiant Heater	20%	2027	* *	2	\$18,100	В	
	Other Observation, Extent : Light, Area Affected : 20%						
	Location : Hallways						
	Explanation : Electric Base	eboard Radiators					
No Component	40%					D	
r to component	Other Observation, Extent:	Light, Area Affected	: 0%			D	
	Location: Throughout	21.5.11, 11. 00. 12,5 00.00	. 0,0				
	Explanation : Businesses S	upply And Maintain	Their Own Heatin	o And A	C Fauinment		
Ventilation	Explanation : Businesses 5	ирргу Лиш илинийн	Their Own Health	8 1111a 11	е Едигрінені		
Distribution							
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$108,500	В	
Exhaust Fans	10070	En E			Ψ100,500		
Roof	100%	2027	* *	2	\$6,000	В	
Plumbing	10070	2021			Ψ0,000	D	
H/C Water Piping							
Galv Iron/Steel	100%	2035	* *	1		В	
Water Heater	100/0	2033		1		ע	
Gas Fired	100%	2020	\$51,400	2	\$2,900	В	
Gas Fileu	Other Observation, Extent:			2	\$2,900	ь	
	Location: 3 Mechanical R		. 100/0				
	Explanation: 3 Units	ooms					
	Explanation . 5 Ontis						

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

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

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

Mechanical	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Plumbing							
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 28-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$407,600	
Interior Architecture	\$51,000	\$38,700
Electrical	\$50,500	\$41,000
Total	\$509,000	\$79,800
Priority A	\$407,600	
Priority B	\$50,500	\$41,000
Priority C	\$51,000	\$38,700
Total	\$509,000	\$79,800

Total	\$33,000	\$500	\$51.100	\$300
Priority C				
Priority B	\$400	\$500	\$17,900	\$300
Priority A	\$32,500		\$33,200	
Total	\$33,000	\$500	\$51,100	\$300
Mechanical	\$100	\$100	\$1,000	
Electrical	\$300	\$500	\$16,900	\$200
Interior Architecture				
Exterior Architecture	\$32,500		\$33,200	
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET BUILDING B-4

Asset #: 2150

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of 1 Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	\$7,800	Α
Concrete Masonry Unit	60%	Now	\$32,500	LIFE	* *	5	\$5,900	Α
	_		tent : Moderate, Ar	ea Affect	ted : 10%			
	Location .			- A CC 4 -	1.50/			
	Location		ent : Moderate, Are	а Ађесте	a: 5%			
Metal Coiling Doors	30%	Now	\$57,500	2027	**	5	\$7,400	Α
		_	nents, Extent : Mode	erate, Ar	ea Affected : 20%			
****	Location	: West Fa	cade					
Windows	750/			2025	* *	10	¢05 400	
Metal Louvers	75% 25%	Now	¢264.700	2025 2047	* *	10 5	\$85,400	A
Steel			\$264,700 nt : Moderate, Area			3	\$28,500	A
	-			Ајјестеа	1: 25%			
	Location : Throughout Corrosion/Rusting, Extent : Moderate, Area Affected : 15%							
	Location: Throughout							
	Glazing Broken/Cracked, Extent: Moderate, Area Affected: 25%							
	Location: Throughout							
		_	, Extent : Moderate	. Area A	ffected : 25%			
	Location .			,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Roof								
Modified Bitumen	100%			2027	* *	10	\$33,200	A
terior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$38,700	C
Interior Walls								
Concrete Masonry Unit		Now	\$51,000	LIFE	* *	5	\$5,400	C
	Cracking/Crumbling, Extent: Moderate, Area Affected: 20%							
	Location	: Through	out					
Metal Panel	15%			LIFE	* *			C
Ceilings								
Exposed Struc: Steel	10%			LIFE	* *			В
Metal Panel	90%			LIFE	* *	5	\$19,900	В

Electrical	Current Repair	Future R	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es	stimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts	•					
Service Equipment						
Fused Disc Sw	100%	2022	\$3,000	5	\$100	В
	Other Observation, Extent: Moderate,	Area Affecte	d: 100%			
	Location: Electrical Room					
	Explanation: One 600 Amps Main D	isconnect Sw	ritch			

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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET BUILDING B-4

Asset #: 2150

Electrical	Current Repa	ir Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts						
Transformers						
Dry Type	100%	2020	\$13,900	5		В
	Other Observation, Exten	t : Moderate, Area Affe	cted : 100%			
	Location : Electrical Ro					
	Explanation: One 25 K	va 480hv-208y/120lv				
Raceway						
Busway	20%	2020	\$3,800	1		В
Conduit	80%	2022	\$15,200	1		В
Panelboards						
Fused Disc Sw	20%	2021	\$4,500	5	\$100	В
Molded Case Bkrs	80%	2021	\$18,000	5	\$200	В
Wiring			·			
Thermoplastic	100%	2022	\$24,100	1		В
Motor Controllers			· · · · · · · · · · · · · · · · · · ·			
Locally Mounted	100%	2020	\$8,000	5	\$100	В
Ground			1 - 7			
Grounding Devices						
Not Accessible	100%					D
Lighting						
Interior Lighting						
Fluorescent	85%	2017	\$50,500	10	\$9,200	В
	Other Observation, Exten	t : Moderate, Area Affe			. ,	
	Location: Throughout T					
	Explanation : T-12 Lam	_				
HID	15%	2017	\$7,400	10	\$100	В
Egress Lighting	1370	2017	Ψ1,400	10	Ψ100	
Emergency, Battery	50%	2022	\$2,400	10	\$1,400	В
Exit, Service	50%	2022	\$1,000	10	\$1,400	В
Exterior Lighting	3070	2022	\$1,000	1		ъ
HID	100%	2032	* *	10		В
	100%	2032		10		Б
Alarm						
Security System No Component	90%					D
Generic	90% 10%	2022	\$4,000	1	\$400	B
	10%	2022	\$4,000	1	\$400	В
Fire/Smoke Detection	700/					ъ
No Component	70%	2022	¢41.000	1.2	ΦΟ ΟΟΟ	D
Generic	30%	2022	\$41,000	1-3	\$2,200	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				
Energy Source				
Electricity	10%	2042 **	1	В
Natural Gas	90%	2042 **	1	В

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

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

Mechanical	Curre	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail D Total (Yea	Pate Estimated Cost rs)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Conversion Equipment							
Furnace	5%		2022	\$800	1	\$300	В
	Other Observation	on, Extent : Light, Area	Affected	: 100%			
	Location : Fan	Room					
	Explanation : C	One Unit, Gas Fired					
No Component	95%						D
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$6,600	В
Exhaust Fans							
Interior	20%		2027	* *	2	\$100	В
Roof	80%		2027	* *	2	\$300	В
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%		2027	* *	1		В
Water Heater							
Electric	100%		2020	\$2,100	4	\$100	В
	Other Observation	on, Extent : Light, Area	Affected	: 100%			
	Location: Fan	Room					
	Explanation : I	nstant Unit					
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 24-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2770 Lot : 1 BIN : 2109496

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,057,100	\$248,200
Interior Architecture	\$803,000	\$1,263,000
Electrical	\$847,800	\$2,385,000
Mechanical		\$401,900
Total	\$2,707,800	\$4,298,100
Priority A	\$1,057,100	\$248,200
Priority B	\$978,000	\$2,834,600
Priority C	\$672,800	\$1,215,400
Total	\$2,707,800	\$4,298,100

Total	\$119,300	\$15,400	\$56,400	\$37,400
Priority C	\$84,500			\$25,500
Priority B	\$9,900	\$15,400	\$56,400	\$11,900
Priority A	\$24,900			
Total	\$119,300	\$15,400	\$56,400	\$37,400
Mechanical	\$5,100	\$8,100	\$20,100	\$8,100
Electrical	\$4,800	\$7,300	\$5,800	\$3,800
Interior Architecture	\$84,500		\$30,500	\$25,500
Exterior Architecture	\$24,900			
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

Asset #: 2148

Architecture	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
Exterior				
Exterior Walls Cast in Place Concrete	5% Now \$57 Cracking/Crumbling, Extent: Mo Location: Loading Dock	,900 LIFE ** oderate, Area Affected : 10%	5 \$45,100	A
Concrete Masonry Unit	25% Now \$155 Diagonal Cracks, Extent: Moder Location: East Facade, West F Jnt Mortar Miss/Erod, Extent: M Location: East Facade, West F	rate, Area Affected : 15% acade Ioderate, Area Affected : 25%	5 \$28,200	A
Metal Panel	35% Now \$24 Broken/Missing Elements, Extent Location: Throughout	,900 2042 ** : Light, Area Affected : 10%	5 \$118,400	A
Metal Coiling Doors Weathering Steel	30% 5%	2027 ** LIFE **	5 \$169,200 1	A A
Windows Aluminum	100% Now \$166 Broken/Missing Elements, Extent Location: Throughout		5 \$34,800	A
Roof Modified Bitumen	100% Now \$591 Broken/Missing Elements, Extent Location: Throughout			A
Interior				
Floors Carpet		,400 2021 \$171,300 ent : Moderate, Area Affected : 209	3 \$43,700	С
Cast in Place Concrete	55%	LIFE **	5 \$350,500	С
Ceramic Tile		,200 2031 **	5 \$7,300	C
Vinyl Tile	30% Now \$165 Broken/Missing Elements, Extent Location: Throughout	,700 2022 \$828,500 : Moderate, Area Affected : 20%	3 \$32,800	С
Interior Walls				
Concrete Masonry Unit	50% 0-2 \$343 Cracking/Crumbling, Extent : Lig Location : Throughout		5 \$36,400	С
Gypsum Board	20% 0-2 \$33 Cracking/Crumbling, Extent : Lig Location : Throughout	,100 LIFE ** ght, Area Affected : 10%	5 \$21,900	С
Plaster	30% 0-2 \$99 Cracking/Crumbling, Extent : Lig Location : Throughout	,800 LIFE ** ght, Area Affected : 10%	5 \$16,400	С

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

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

Asset #: 2148

Architecture		Current F	lepair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	20%			2027	* *	5	\$60,900	В
Exposed Concrete	10%			LIFE	* *	5	\$4,800	В
Exposed Struc: Steel	45%			LIFE	* *			В
Plaster	25%	0-2	\$130,200	LIFE	* *	5	\$47,600	В
	Cracking/0	Crumbling,	Extent : Light, Are	ea Affecte	ed : 10%			
	Location	: Through	out					

Electrical	Cı	ırrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		l Date Estimated Cost (ears)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2022	\$162,000	5	\$800	В
	Other Observe	ation, Extent : Moderate	, Area Affe	ected : 100%			
	Location : E	lectrical Room					
	Explanation	: Three 600 Amps Main	Disconne	ct Switch For Secti	ons C1,	C2 & C3	
Transformers							
Dry Type	100%		2020	\$13,900	5	\$700	В
	Other Observe	ation, Extent : Moderate	, Area Affe	ected : 100%			
	Location : E	lectrical Room					
	Explanation	: One 75 Kva 480hv-20e	8y/120lv				
Raceway							
Busway	30%		2020	\$129,500	1		В
Conduit	70%		2022	\$302,200	1		В
Panelboards							
Fused Disc Sw	20%		2021	\$71,900	5	\$900	В
Molded Case Bkrs	80%		2021	\$287,500	5	\$4,000	В
Wiring							
Braided Cloth	60%	2-4 \$301,800	2047	* *	1		В
	Insulation Age	ed, Extent : Moderate, A	rea Affecte	ed : 100%			
	Location: T	hroughout The Building					
Thermoplastic	40%		2022	\$201,200	1		В
Motor Controllers							
Locally Mounted	100%		2020	\$467,400	5	\$1,300	В
round							
Grounding Devices							
Not Accessible	100%						D

Lighting

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

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

Asset #: 2148

Electrical	Current Repair Future Repl		Replacement	Maintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting						
Interior Lighting						
Fluorescent	20%	2017	\$195,400	10	\$35,700	В
	Other Observation, Extent: Modera	ate, Area Affec	eted : 100%			
	Location: Throughout The Buildin	ng				
	Explanation: T-12 Lamps					
Fluorescent	65%	2027	* *	10	\$116,000	В
	Other Observation, Extent: Modera	ite, Area Affec	eted : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
HID	15%	2017	\$121,200	10	\$1,000	В
Egress Lighting						
Emergency, Battery	50%	2022	\$40,100	10	\$23,500	В
Exit, Service	50%	2022	\$16,100	1		В
Exterior Lighting						
HID	100%	2017	\$77,600	10	\$600	В
Alarm						
Security System						
No Component	90%					D
Generic	10%	2022	\$64,200	1	\$7,000	В
Fire/Smoke Detection						
No Component	70%					D
Generic	30%	2022	\$659,100	1-3	\$34,600	В

Mechanical	Current Repa	air Futur	e Replacement	М	aintenance			
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
Heating								
Energy Source								
Electricity	10%	2042	* *	1		В		
Natural Gas	90%	2042	* *	1		В		
Conversion Equipment								
Furnace	40%	2022	\$107,900	1	\$38,600	В		
	Other Observation, Exter	t : Light, Area Affected	: 100%					
	Location: 3 Mechanica	el Rooms						
	Explanation: 3 Air Har	adlers, Gas Fired						
Radiant Heater	20%	2022	\$194,400	2	\$18,100	В		
	Other Observation, Exter	t : Light, Area Affected	: 20%					
	Location: Hallways							
	Explanation : Electric I	Baseboard Radiators						
No Component	40%					D		
r	Other Observation, Extent : Light, Area Affected : 0%							
	Location: Throughout							
	Explanation : Business	es Supply And Maintain	Their Own Heatin	g And A	C Equipment			
Ventilation								
Distribution								
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$108,500	В		

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

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

Mechanical	Current Repair	Future R	eplacement	Ma	aintenance	
system Component Type	% of Fail Date Estimate Total (Years)	d Cost   Year   Es	stimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
entilation						
Exhaust Fans						
Roof	100%	2027	* *	2	\$6,000	В
lumbing						
H/C Water Piping						
Galv Iron/Steel	100%	2035	* *	1		В
Water Heater						
Gas Fired	100%	2020	\$51,400	2	\$2,900	В
	Other Observation, Extent : Lig	ht, Area Affected : 10	00%			
	Location: 3 Mechanical Room	ıs				
	Explanation: 3 Units					
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Fixtures						
Generic	100%					В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 28-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN : 2109490

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$388,600	
Interior Architecture		\$38,700
Electrical	\$44,600	\$41,000
Total	\$433,200	\$79,800
Priority A	\$388,600	
Priority B	\$44,600	\$41,000
Priority C		\$38,700
Total	\$433,200	\$79,800

Total	\$30,300	\$500	\$26,800	\$300
Priority C				
Priority B	\$1,300	\$500	\$26,800	\$300
Priority A	\$29,000			
Total	\$30,300	\$500	\$26,800	\$300
Mechanical	\$100	\$100	\$1,000	
Electrical	\$1,200	\$500	\$25,800	\$200
Interior Architecture				
Exterior Architecture	\$29,000			
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

Asset #: 2127

Architecture	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior							
Exterior Walls					_		
Cast in Place Concrete	5% Now	\$5,000	LIFE	* *	5	\$3,900	Α
	Cracking/Crumbling		, Area Aj	fected: 15%			
	Location : Loading			. A.CC1 . 100/			
	Exposed Reinforcem		aie, Area	i Affectea : 10%			
	Location : Loading			de de		<b></b>	
Concrete Masonry Unit	70% Now	\$38,000	LIFE	**	5	\$6,900	A
	Broken/Missing Eler Location: Southed		erate, Ar	еа Апестеа : 15%			
	Diagonal Cracks, E		aa Affaa	tad , 150/			
	Location : Corners		ей Ајјесі	ea . 1570			
M. I.C. T. D			2027	* *	~	Ф.C. 100	
Metal Coiling Doors	25% Now	\$23,900	2027		5	\$6,100	A
	Bent/Warped Element Location: West Fo		ие, Area	Апестеа : 10%			
	Corrosion/Rusting, I		lraa Affa	otad + 150%			
	Location : East Fa		неи Аује	cieu . 1570			
Windows							
Metal Louvers	80%		2025	* *	10	\$91,100	A
Steel	20% Now	\$211,800	2047	* *	5	\$22,800	A
	Corrosion/Rusting, Location: Through		Area Affe	cted : 25%			
	Glazing Broken/Cra Location : Through		rate, Are	ea Affected : 25%			
	Thermally Inefficien	t, Extent : Moderate	, Area A	ffected : 25%			
	Location : Through	nout					
Roof							
Modified Bitumen	100% Now	\$47,800	2027	* *			Α
	Broken/Missing Elen		erate, Ar	ea Affected : 30%			
	Location : Through	nout					
nterior							
Floors	1000/				_	<b># * * * * * * * *</b>	~
Cast in Place Concrete	100%		LIFE	* *	5	\$38,700	C
Interior Walls	1000/		LIDE	de de	~	<b>AC 100</b>	~
Concrete Masonry Unit	100%		LIFE	* *	5	\$6,400	С
Ceilings	200/		LIDD	* *	F	0,00	D
Exposed Concrete	20%		LIFE	* *	5	\$600	В
Exposed Struc: Steel	80%		LIFE	ጥ ጥ			В

Electrical	Current Rep	pair	Future	Replacement	Ma	aintenance	
System Component Type	% of Fail Date E Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code

Under 600 Volts

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

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

Asset #: 2127

Electrical	Current Repa	ir Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nder 600 Volts						
Service Equipment	1000/	2022	Φ2.000	_	<b>#100</b>	ъ.
Fused Disc Sw	100%	2022	\$3,000	5	\$100	В
	Other Observation, Exten Location : Electrical Ro		cted: 100%			
	Explanation : One 600		Chuital			
T	Explanation: One 600 I	Amps Main Disconnect	Switch			
Transformers Dry Type	100%	2020	\$13,900	5		В
Dry Type	Other Observation, Exten			3		ь
	Location : Electrical Ro		cieu . 10070			
	Explanation : One 25 K					
Raceway	Explanation: One 25 H	va 100111 200 y, 12011				
Busway	40%	2020	\$7,600	1		В
Conduit	60%	2022	\$11,400	1		В
Panelboards			+,			
Fused Disc Sw	10%	2021	\$2,200	5		В
Molded Case Bkrs	90%	2021	\$20,200	5	\$300	В
Wiring			,			
Thermoplastic	100%	2022	\$24,100	1		В
Motor Controllers						
Locally Mounted	100%	2020	\$8,000	5	\$100	В
round						
Grounding Devices						
Generic	100% 0-2	\$900 LIFE	* *	5	\$200	В
	Other Observation, Exten	t : Moderate, Area Affe	cted : 100%			
	Location : 1st Floor					
	Explanation : Corroded					
ighting						
Interior Lighting		-01-			40.400	_
Fluorescent	75%	2017	\$44,600	10	\$8,100	В
	Other Observation, Exten		cted: 100%			
	Location: Throughout	_				
<b>77</b>	Explanation: T-12 Lam	•	de de	10	ф4.400	
Fluorescent	10%	2027	**	10	\$1,100	В
	Other Observation, Exten	t : Moderate, Area Affe	cted: 100%			
	Location: Throughout					
	Explanation: T-8 Lamp		<b></b>			
HID	15%	2017	\$7,400	10	\$100	В
Egress Lighting	<b>500</b> /	2022	Ф1 000			ъ
Exit, Service	50%	2022	\$1,000	1		В
Exit, Service	50%	2022	\$1,000	1		В
Exterior Lighting	1000/	2017	¢4.000	10		D
HID	100%	2017	\$4,800	10		В
Alarm						
Security System No Component	90%					D
Generic	10%	2017	\$4,000	1	\$400	В
Generic	1070	2017	\$4,000	1	<b>Φ400</b>	D

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

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

Electrical	Currer	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Alarm							
Fire/Smoke Detection							
No Component	70%						D
Generic	30%		2022	\$41,000	1-3	\$2,200	В

		e Replacement		aintenance	
% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
10%	2042	* *	1		В
90%	2042	* *	1		В
5%	2022	\$800	1	\$300	В
Other Observation, Extent : Light, Area Location : Fan Room	a Affected	! : 100%			
Explanation: One Unit, Gas Fired					
95%					D
100%	LIFE	* *	2-5	\$6,600	В
100%	2027	* *	2	\$400	В
100%	2035	* *	1		В
100%	2020	\$2,100	4	\$100	В
Other Observation, Extent : Light, Area Location : Fan Room	a Affected	! : 100%			
Explanation: Instant Heater, Very Sr	nall Unit				
100%	LIFE	* *	1		В
100%	LIFE	* *	1		В
100%					В
	Total (Years)  10% 90%  5% Other Observation, Extent: Light, Area Location: Fan Room Explanation: One Unit, Gas Fired 95%  100%  100%  100% Other Observation, Extent: Light, Area Location: Fan Room Explanation: Instant Heater, Very St	Total (Years)	Total (Years)   FY	Total (Years)   FY   (Yrs)	Total (Years)   FY   (Yrs)

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 24-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2770 Lot : 1 BIN : 2109499

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,676,000	\$445,500
Interior Architecture	\$362,900	\$1,318,300
Electrical	\$751,000	\$2,392,900
Mechanical		\$153,600
Total	\$2,789,800	\$4,310,300
Priority A	\$1,676,000	\$445,500
Priority B	\$881,200	\$2,594,100
Priority C	\$232,700	\$1,270,700
Total	\$2,789,800	\$4,310,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				
Interior Architecture	\$41,100		\$30,500	\$23,300
Electrical	\$5,800	\$7,400	\$8,000	\$3,900
Mechanical	\$7,300	\$1,900	\$22,400	\$1,900
Total	\$54,200	\$9,300	\$60,800	\$29,100
Priority A				
Priority B	\$13,100	\$9,300	\$60,800	\$5,800
Priority C	\$41,100			\$23,300
Total	\$54,200	\$9,300	\$60,800	\$29,100



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

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

Asset #: 2149

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
xterior								
Exterior Walls Cast in Place Concrete	_		\$57,900 Extent : Moderate Dock	LIFE , Area Aj	* * ffected : 10%	5	\$45,100	A
Concrete Masonry Unit	Location	Cracks, Ex 1 : East Fac	\$155,900 tent : Moderate, Ar rade, West Facade d, Extent : Moderat			5	\$28,200	A
			rade, West Facade	e, 111eu 1	135eciea . 2570			
Metal Panel Metal Coiling Doors	35% 30%			2042 2027	* *	5-10 5	\$434,300 \$169,200	A A
Weathering Steel	5%			LIFE	* *	1		Α
Windows Aluminum			\$667,300 tents, Extent : Mode out	2030 erate, Ar	* * ea Affected : 30%	5	\$34,800	A
Roof Modified Bitumen			\$591,800 nents, Extent : Mode out	2027 erate, Ar	* * ea Affected : 30%			A
nterior								
Floors Carpet			\$41,100 amage, Extent : Mo	2021 oderate, 2	\$137,000 Area Affected : 309	3	\$35,000	С
Cast in Place Concrete Ceramic Tile	_	Crumbling,	\$64,200 Extent : Moderate	LIFE 2031 , Area Aj	* * * * ffected : 30%	5 5	\$350,500 \$7,300	C C
Vinyl Tile	32% Broken/M		\$88,400 nents, Extent : Light	2022 t, Area A	\$883,800 ffected : 20%	3	\$35,000	С
Interior Walls Ceramic Tile	5%		\$80,100	2025	* *	5	\$4,600	С
		Crumbling, 1 : Through	Extent : Severe, A out	rea Affec	ted : 30%			
Concrete Masonry Unit Gypsum Board	50% 20%			LIFE LIFE	* *	5 5	\$36,400 \$21,900	C C
Plaster	25%			LIFE	* *	5	\$13,700	С
Ceilings AcousTileSusp.Lay-In Exposed Concrete Exposed Struc: Steel	20% 10% 45%			2027 LIFE LIFE	* * * *	5 5	\$60,900 \$4,800	B B B
Plaster	25% Cracking/		\$130,200 Extent : Moderate out	LIFE	* * ffected : 20%	5	\$47,600	В

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

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

Asset #: 2149

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Inder 600 Volts						•
Service Equipment						
Molded Case Bkrs	100%	2022	\$162,000	5	\$5,000	В
	Other Observation, Extent: Mc Location: Electrical Room					
T	Explanation: Four 600 Amps	Main Disconnec	Switch			
Transformers	1000/	2020	¢12.000	_	\$700	D
Dry Type	100% Other Observation, Extent : Mo Location : Electrical Room	2020 oderate, Area Affe	\$13,900 cted : 100%	5	\$700	В
	Explanation : One 112.5 Kva	And Three 75 Kv	a			
Raceway						
Busway	20%	2020	\$86,300	1		В
Conduit	80%	2022	\$345,400	1		В
Panelboards						
Fused Disc Sw	20%	2021	\$71,900	5	\$900	В
Molded Case Bkrs	80%	2021	\$287,500	5	\$4,000	В
Wiring						
Braided Cloth	60% 2-4 \$30	01,800 2047	* *	1		В
	Insulation Aged, Extent : Mode Location : Throughout The Bu		d : 100%			
Thermoplastic	40%	2022	\$201,200	1		В
Motor Controllers						
Locally Mounted	100%	2020	\$467,400	5	\$1,300	В
Ground						
Grounding Devices						
Generic	100% 2-4	\$900 LIFE	* *	5	\$2,800	В
	Other Observation, Extent : Mo	oderate, Area Affe	cted : 100%			
	Location: Water Main					
	Explanation : Corroded					
ighting						
Interior Lighting						
Fluorescent	10%	2017	\$97,700	10	\$17,900	В
	Other Observation, Extent : Mo		cted : 100%			
	Location : Throughout The Bi	uilding				
	Explanation: T-12 Lamps					
Fluorescent	75%	2027	* *	10	\$133,900	В
	Other Observation, Extent : Mo		cted : 100%			
	Location : Throughout The Bi	uilding				
	Explanation: T-8 Lamps					
HID	15%	2017	\$121,200	10	\$1,000	В
Egress Lighting						
Emergency, Battery	50%	2022	\$40,100	10	\$23,500	В
Exit, Service	50%	2022	\$16,100	1		В
Exterior Lighting						
HID	100%	2017	\$78,500	10	\$600	В

#### Alarm

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

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

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

Asset #: 2149

Electrical	C	urrent Repair		Futur	e Replacement	Ma	aintenance	
System Component Type		ail Date Estima Years)	nted Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Alarm								
Security System								
No Component	90%							D
Generic	10%			2022	\$64,900	1	\$7,100	В
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2022	\$666,200	1-3	\$35,000	В

Mechanical	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years	te Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Energy Source							
Electricity	10%		2042	* *	1		В
Natural Gas	90%		2042	* *	1		В
Conversion Equipment							
Furnace	20%		2022	\$54,000	1	\$19,300	В
	Other Observation, Location: 3 Mec	Extent : Light, Area hanical Rooms	Affected	: 100%			
	Explanation: 3 A	ir Handlers, Gas Fir	ed				
Radiant Heater	20%		2027	* *	2	\$18,100	В
	Location : Hallwo	Extent : Light, Area ays ectric Baseboard Rad		: 20%			
No Component	60%						D
1 to component	Other Observation, Location :	Extent : Light, Area sinesses Supply And I			a And A	C Fauinment	Б
Ventilation	Ехрининон . Ви	sinesses supply that	<del>11</del> airiiairi	Their Own Health	5 111tt 11	С Едигрінені	
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$108,500	В
Exhaust Fans						+,	
Roof	100%		2027	* *	2	\$6,000	В
Plumbing						, -,	
H/C Water Piping							
Galv Iron/Steel	100%		2035	* *	1		В
Water Heater							
Gas Fired	100% Other Observation, Location: 3 Mec. Explanation: 3 U		2021 Affected	\$51,400 : 100%	2	\$2,900	В
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.

<sup>\*\*</sup> 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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 27-Jun-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2770 Lot : 1 BIN : 2109502

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$218,700	\$43,100
Interior Architecture	\$170,700	\$206,500
Electrical	\$266,400	\$378,400
Mechanical		\$172,300
Total	\$655,900	\$800,300
Priority A	\$218,700	\$43,100
Priority B	\$354,600	\$550,700
Priority C	\$82,600	\$206,500
Total	\$655,900	\$800,300

Total	\$149,000	\$5,100	\$78,500	\$11,400
Priority C	\$78,000			\$7,100
Priority B	\$21,000	\$5,100	\$62,400	\$4,400
Priority A	\$49,900		\$16,200	
Total	\$149,000	\$5,100	\$78,500	\$11,400
Mechanical	\$19,500	\$3,200	\$9,300	\$3,200
Electrical	\$1,500	\$2,000	\$40,700	\$1,200
Interior Architecture	\$78,000		\$12,400	\$7,100
Exterior Architecture	\$49,900		\$16,200	
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
exterior							
Exterior Walls	#0/ 3T	Φο 200		ata ata	_	Φ	
Cast in Place Concrete	5% Now Cracking/Crumbling Location: Loading Exposed Reinforcem	Dock ent, Extent : Moder			5	\$7,200	A
	Location : Loading						
Concrete Masonry Unit	25% Now Diagonal Cracks, Ex Location: North Fo	acade, South Facad	le		5	\$4,500	A
	Location: North F	acade, South Facad	le				
Metal Panel	35% Now Broken/Missing Elen Location: Through		2042 erate, Ar	* * ea Affected : 30%	5	\$18,900	A
Metal Panel	30%		2042	* *	5-10	\$59,300	A
Weathering Steel	5%		LIFE	* *	1	φε>,εσσ	A
Windows							
Aluminum	100% Now Broken/Missing Elen Location: Through	_	2030 t, Area Aj	* * ffected : 20%	5	\$17,600	A
Roof							
Modified Bitumen	100%		2027	* *	10	\$49,700	A
nterior						•	
Floors							
Carpet	20% 0-2 Broken/Missing Elen Location: Through	_	2021 t, Area Aj	\$51,200 ffected : 20%	3	\$13,100	С
Cast in Place Concrete	25%		LIFE	* *	5	\$23,800	С
Ceramic Tile	5% Now Cracking/Crumbling Location: Through		2031 rea Affec	* * ted : 40%	5	\$1,100	С
Vinyl Tile	50% Now Cracking/Crumbling Location: Through		2022 rea Affec	\$206,500 ted : 40%	3	\$8,200	С
Interior Walls							
Concrete Masonry Unit	20% Now Cracking/Crumbling Location: Through		LIFE , Area A <u>f</u>	* * fected : 20%	5	\$1,700	С
Gypsum Board	25%		LIFE	* *	5	\$3,200	С
Plaster	55% Now Cracking/Crumbling Location: Through		LIFE	* * fected : 20%	5	\$3,500	C

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

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

Asset #: 2128

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior								
Ceilings								
AcousTileConcealSpLn	25%			2027	* *	5	\$24,800	В
Exposed Concrete	10%			LIFE	* *	5	\$1,200	В
Plaster	65%	Now	\$88,100	LIFE	* *	5	\$32,200	В
	Cracking/	Crumbling,	Extent : Moderate	, Area A	ffected : 20%			
	Location	ı : Through	out					

Electrical		Current R	epair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Under 600 Volts									
Service Equipment									
Fused Disc Sw	100%			2022	\$30,400	5	\$300	В	
	Other Obse	ervation, Ex	ctent : Moderate, A	Area Affe	ected : 100%				
	Location	: Electrical	l Room						
	Explanati	ion : Three	600 Amps Main L	isconne	ct Switch				
Transformers									
Dry Type	100%			2020	\$13,900	5	\$200	В	
	Other Obse	ervation, Ex	ctent : Moderate, A	Area Affe	ected : 100%				
	Location: Basement And Second Floor Electrical Closet								
	Explanati	ion : One 2.	25 Kva 480hv-208	y/120lv .	And One 75 Kva 48	80hv-208	By/120lv		
Raceway									
Busway	10%			2020	\$7,900	1		В	
Conduit	90%			2022	\$70,700	1		В	
Panelboards									
Fused Disc Sw	10%			2021	\$9,000	5	\$100	В	
Molded Case Bkrs	90%			2021	\$80,900	5	\$1,400	В	
Wiring									
Braided Cloth	60%	2-4	\$47,700	2047	* *	1		В	
	Insulation 1	Aged, Exter	ıt : Moderate, Are	a Affecte	ed : 100%				
	Location	: Througho	ut The Building						
Thermoplastic	40%			2022	\$31,800	1		В	
Motor Controllers									
Locally Mounted	100%			2020	\$110,000	5	\$400	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.

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

Asset #: 2128

Electrical	ectrical Current Repair		e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Con Total (Years)	st Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting						
Interior Lighting						
Fluorescent	80%	2022	\$116,900	10	\$21,400	В
	Other Observation, Extent: Moderat Location: Throughout The Building Explanation: T-8 Lamps		cted : 100%			
Fluorescent	10%	2017	\$14,600	10	\$2,700	В
	Other Observation, Extent: Moderat Location: Throughout Explanation: T-12 Lamps	e, Area Affe	cted : 100%			
HID	10%	2017	\$12,100	10	\$100	В
Egress Lighting						
Emergency, Battery	50%	2022	\$6,000	10	\$3,500	В
Exit, Service	50%	2022	\$2,400	1		В
Exterior Lighting						
HID	100%	2017	\$24,000	10	\$200	В
Alarm						
Security System						
No Component	90%					D
Generic	10%	2022	\$19,900	1	\$2,200	В
Fire/Smoke Detection						
No Component	70%					D
Generic	30%	2017	\$204,100	1-3	\$10,700	В

echanical		Current F	Repair	Futur	e Replacement	М	aintenance	
vstem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
eating								
Energy Source								
Electricity	10%			2042	* *	1		В
Natural Gas	90%			2042	* *	1		В
Conversion Equipment								
Hot Water Boiler	90%	Now	\$3,300	2027	* *	1	\$11,700	В
	Corroded,	Extent: M	oderate, Area Affe	cted : 5%	ó			
	Location	: Boiler						
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
	Location	: Basemen	nt .					
	Explana	tion : 2 Uni	its					
No Component	10%							D
Distribution								
Hot Wtr Piping/Pump	100%	Now	\$7,500	2030	* *	4	\$1,400	В
	Corroded, Extent : Moderate, Area Affected : 5%							
	Location	: Through	out Boiler Room					

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

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

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating								
Terminal Devices								
Air Handler	60%			2022	\$96,100	1	\$10,800	В
			Extent : Light, Area	Affected	! : 100%			
		: Fan Roo						
		tion : Gas	Fired Air Handler					
Convector/Radiator	40%			2027	* *	1	\$3,800	В
Air Conditioning								
Energy Source	1000/			2020	* *	1		D
Electricity	100%			2038	* *	1		В
Conversion Equipment	<b>50</b> 0/			2022	\$7.6.200	2	Φ000	D
Ext Pkg Unit - Cooling	50%	is smant En	utant i Liaht Anaa A	2022	\$76,200	2	\$900	В
	-	igerani, Ex 1 : Offices	tent : Light, Area A	јјестеа :	100%			
N. C		i. Offices						
No Component	50%							D
Ventilation Distribution								
Distribution  Ductwork/Diffusers	100%			LIFE	* *	2-5	\$16,200	В
Exhaust Fans	100%			LIFE		2-3	\$10,200	Б
Roof	100%			2027	* *	2	\$900	В
Plumbing	10070			2021			\$300	ъ
H/C Water Piping								
Galv Iron/Steel	100%			2027	* *	1		В
Water Heater	100/1							
Gas Fired	50%			2017	\$3,800	2	\$200	В
Gas Fired	50%			2020	\$3,800	2	\$200	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)								
Submersible	100%			2015	\$6,200	4	\$2,000	В
Backflow Preventer								
Generic	100%			2022	\$3,200	1	\$1,800	В
Fixtures								
Generic	100%							В

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT A

Address : HALLECK STREET

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBS0021.110 / 2129 Yr Built/Renovated : 1965 /

Area Sq Ft : 1,444 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$36,000	
Electrical		\$53,900
Total	\$36,000	\$53,900
Priority A	\$36,000	
Priority B		\$53,900
Total	\$36,000	\$53,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$11,700	F1 2010	F1 2017	F1 2016
	\$11,700			
Interior Architecture				
Electrical			\$9,200	
Total	\$11,700		\$9,200	
Priority A	\$11,700			
Priority B			\$9,200	
Priority C			. ,	
Total	\$11,700		\$9,200	



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT A

Asset #: 2129

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
Exterior										
Exterior Walls										
Concrete Masonry Unit	100%		\$36,000	LIFE	* *	5	\$3,300	Α		
	U		tent : Moderate, Ar	ea Affec	ted : 10%					
		Location: Corners								
			l, Extent : Moderat	e, Area A	Affected : 10%					
	Location	: Through	out							
Windows										
Metal Louvers	100%			2025	* *	10		A		
Roof										
Single Ply Membrane	100%	Now	\$11,700	2032	* *			A		
	Miss/Dam	aged Flash	ings, Extent : Mod	erate, Ar	ea Affected : 15%					
	Location	: Through	out							
	Seams Op	en/Split, Ex	tent : Moderate, A	rea Affec	rted : 15%					
	Location	: Through	out							
	Water Per	etration, E	xtent : Moderate, A	rea Affe	cted : 15%					
	Location	: Vault Ar	еа							
Interior										
Floors										
Cast in Place Concrete	100%			LIFE	* *	5	\$3,900	C		
Interior Walls										
Concrete Masonry Unit	100%			LIFE	* *	5		C		
Ceilings										
<b>Exposed Concrete</b>	100%			LIFE	* *	5	\$300	В		
		etration, E ı : Vault Ar	xtent : Light, Area ea	Affected	: 15%					

Electrical	Current Rep	oair Futur	e Replacement	M	aintenance				
ystem Component Type	% of Fail Date E Total (Years)	stimated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code			
nder 600 Volts									
Service Equipment									
Air Circuit Breaker	100%	2022	\$3,000	5		В			
	Other Observation, Exte	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Electrical I	Room							
	Explanation : One 300	00 Amps Main Disconnec	rt Switch Fed To Bi	uildings 2	A & B				
Switchgear / Switchboard									
Air Circuit Breaker	65%	2022	\$9,600	5		В			
Molded Case Bkrs	35%	2022	\$1,300	5		В			
Raceway									
Busway	50%	2020	\$1,900	1		В			
Conduit	50%	2022	\$1,900	1		В			
Panelboards									
Molded Case Bkrs	100%	2021	\$53,900	5		В			
Wiring			•						
Thermoplastic	100%	2022	\$3,500	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.

<sup>\*\*</sup> 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

Electrical	Current Repair	Future F	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	Stimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting						
Interior Lighting						
Fluorescent	100%	2017	\$7,600	10	\$1,100	В
	Other Observation, Extent: Moderate,	Area Affecte	ed : 100%			
	Location: Throughout					
	Explanation: T-12 Lamps					
Exterior Lighting						
HID	100%	2017	\$500	10		В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT B

Address : HALLECK STREET

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBS0021.120 / 2289 Yr Built/Renovated : 1965 /

Area Sq Ft : 1,444 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Electrical		\$53,900
Total		\$53,900
Priority B		\$53,900
Total		\$53,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$29,700			
Interior Architecture				
Electrical			\$9,200	
Mechanical			\$2,000	
Total	\$29,700		\$11,200	
Priority A	\$29,700			
Priority B			\$11,200	
Priority C				
Total	\$29,700		\$11,200	



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

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

# 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 Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior								
Exterior Walls								
Concrete Masonry Unit	100%	Now	\$18,000	LIFE	* *	5	\$3,300	A
	Diagonal (	Cracks, Ext	tent : Moderate, Ar	ea Affec	ted : 15%			
	Location	: Corners						
Windows								
Metal Louvers	100%			2025	* *	10		A
Roof								
Single Ply Membrane	100%	Now	\$11,700	2032	* *			A
		en/Split, Ex : Through	tent : Moderate, A out	rea Affec	ted : 15%			
	Water Pen	etration, E	xtent : Moderate, A	rea Affe	cted : 15%			
	Location	: Vault Ar	ea					
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$3,900	C
Interior Walls								
Concrete Masonry Unit	100%			LIFE	* *	5		C
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	\$300	В
-	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 15%			
	Location	: Vault Ar	ea					

Electrical	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts	•					
Service Equipment						
Air Circuit Breaker	100%	2022	\$3,000	5		В
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%			
	Location : Electrical Room					
	Explanation : One 5000 Amps Main L	isconnec	ct Switch Fed To Bi	uildings	C And D	
Switchgear / Switchboard						
Air Circuit Breaker	65%	2022	\$9,600	5		В
Molded Case Bkrs	35%	2022	\$1,300	5		В
Raceway						
Busway	50%	2020	\$1,900	1		В
Conduit	50%	2022	\$1,900	1		В
Panelboards						
Molded Case Bkrs	100%	2021	\$53,900	5		В
Wiring						
Thermoplastic	100%	2022	\$3,500	1		В

Lighting

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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT B

Electrical	Current Repair	Future Re	placement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	est Year Esti FY	imated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Lighting						
Interior Lighting						
Fluorescent	100%	2017	\$7,600	10	\$1,100	В
	Other Observation, Extent: Moderat	te, Area Affected	: 100%			
	Location: Throughout					
	Explanation: T-12 Lamps					
Exterior Lighting						
HID	100%	2017	\$500	10		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
Ventilation				
Exhaust Fans				
Wall Unit	100%	2017 \$2,000	2	В
	Other Observation, Extent: Light, Are	ea Affected : 100%		
	Location : Side Wall Of The Vault			
	Explanation : One Unit			

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT C

Address : HALLECK STREET

Borough : BRONX Agency's Number : N/A
Program / Asset # : DBS0021.130 / 2290 Yr Built/Renovated : 1965 /

Area Sq Ft : 1,444 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Electrical		\$53,900
Total		\$53,900
Priority B		\$53,900
Total		\$53,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$29,700			
Interior Architecture				
Electrical			\$9,200	
Mechanical			\$2,000	
Total	\$29,700		\$11,200	
Priority A	\$29,700			
Priority B			\$11,200	
Priority C				
Total	\$29,700		\$11,200	



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT C

Asset #: 2290

Architecture		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior								
Exterior Walls								
Concrete Masonry Unit	100%		\$18,000	LIFE	* *	5	\$3,300	Α
	_		tent : Moderate, Ar	ea Affec	ted : 15%			
	Location	ı : Corners						
	Jnt Morta	r Miss/Ero	d, Extent : Moderat	e, Area A	Affected : 15%			
	Location	ı : Through	out					
Windows								
Metal Louvers	100%			2025	* *	10		A
Roof								
Single Ply Membrane	100%	Now	\$11,700	2032	* *			A
	Seams Op	en/Split, Ex	xtent : Moderate, A	rea Affec	rted : 15%			
	Location	ı : Through	out					
	Water Per	ietration, E	Extent : Moderate, A	Area Affe	cted : 15%			
	Location	ı : Vault Ar	rea					
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$3,900	C
Interior Walls								
Concrete Masonry Unit	100%			LIFE	* *	5		C
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	\$300	В
	Water Per	ietration, E	Extent : Moderate, A	Area Affe	cted : 15%			
	Location	ı : Vault Ar	rea					

Electrical	Current Repa	ir Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts						
Service Equipment						
Air Circuit Breaker	100%	2022	\$3,000	5		В
	Other Observation, Exten	t : Moderate, Area Affe	ected : 100%			
	Location : Electrical Ro	om				
	Explanation : One 5000 Cafeteria	Amps Main Disconnec	rt Switch Fed To Bu	iildings A	A, B And	
Switchgear / Switchboard						
Air Circuit Breaker	80%	2022	\$11,900	5		В
Molded Case Bkrs	20%	2022	\$700	5		В
Raceway						
Busway	50%	2020	\$1,900	1		В
Conduit	50%	2022	\$1,900	1		В
Panelboards						
Molded Case Bkrs	100%	2021	\$53,900	5		В
Wiring						
Thermoplastic	100%	2022	\$3,500	1		В
Lighting						
Interior Lighting						
Fluorescent	100%	2017	\$7,600	10	\$1,100	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.

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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT C

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
Lighting Exterior Lighting HID	100%	2017 \$500	10	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
Ventilation				
Exhaust Fans				
Wall Unit	100%	2017 \$2,000	2	В
	Other Observation, Extent : Light, Area	a Affected : 100%		
	Location : Mounted On Side Wall			
	Explanation : One Unit			

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 27-Jun-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 2770 Lot : 1 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Electrical		\$53,900
Total		\$53,900
Priority B		\$53,900
Total		\$53,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$29,700			
Interior Architecture				
Electrical			\$9,200	
Mechanical				
Total	\$29,700		\$9,200	
Priority A	\$29,700			
Priority B			\$9,200	
Priority C				
Total	\$29,700		\$9,200	



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT D

Asset #: 2291

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Concrete Masonry Unit	100%		\$18,000	LIFE	* *	5	\$3,300	A
	_		tent : Moderate, Ar	ea Affect	ted : 15%			
		i : Corners						
			d, Extent : Moderat	e, Area A	Affected : 25%			
	Location	ı : Through	out					
Windows								
Metal Louvers	100%			2025	* *	10		A
Roof								
Single Ply Membrane	100%		\$11,700	2032	* *			A
	-	•	ctent : Moderate, A	rea Affec	ted : 15%			
		ı : Through						
			xtent : Moderate, A	Area Affe	cted : 15%			
	Location	ı : Vault Ar	ea					
Interior								
Floors								
Cast in Place Concrete	100%			LIFE	* *	5	\$3,900	С
Interior Walls								
Concrete Masonry Unit	100%			LIFE	* *	5		С
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	\$300	В
			xtent : Light, Area	Affected	: 15%			
	Location	ı : Vault Ar	ea					

Electrical	Current Re	epair F	Future	Replacement	Ma	aintenance	
System Component Type	% of Fail Date 1 Total (Years)		ear FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts							
Service Equipment							
Air Circuit Breaker	100%	20	022	\$3,000	5		В
	Other Observation, Ex	tent : Moderate, Area	a Affec	ted : 100%			
	Location : Electrical	Room					
	Explanation: One 50	000 Amps & One 3000	0 Amp	s Main Disconnec	t Switch	Fed To Building	
	D And Service Bridge	?	•			C	
Switchgear / Switchboard							
Air Circuit Breaker	100%	20	022	\$14,800	5		В
Raceway							
Busway	50%	20	020	\$1,900	1		В
Conduit	50%	20	022	\$1,900	1		В
Panelboards							
Molded Case Bkrs	100%	20	021	\$53,900	5		В
Wiring							
Thermoplastic	100%	20	022	\$3,500	1		В

Lighting

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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 NEW YORK CITY TERMINAL MARKET TRANSFORMER VAULT D

Electrical	Current Repair	Future Re	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Est FY	imated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Lighting							
Interior Lighting							
Fluorescent	100%	2017	\$7,600	10	\$1,100	В	
	Other Observation, Extent : Modera	ate, Area Affected	: 100%				
	Location: Throughout						
	Explanation: T-12 Lamps						
Exterior Lighting							
HID	100%	2017	\$500	10		В	

Mechanical	Current Repair	Future Replaceme	ent	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated (FY	Cost Cycl (Yrs	e Estimated Cost	Priority Code
Ventilation					
Exhaust Fans					
Wall Unit	100%	2022 \$2,	000 2		В
	Other Observation, Extent : Light, Ar	ea Affected : 100%			
	Location : Mounted On Side Wall				
	Explanation: One Unit				

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$2,753,600	\$1,791,500
Interior Architecture	\$1,373,800	\$233,500
Electrical	\$171,800	\$44,500
Mechanical		\$254,400
Total	\$4,299,200	\$2,323,900
Priority A	\$2,753,600	\$1,791,500
Priority B	\$775,300	\$298,900
Priority C	\$770,300	\$233,500
Total	\$4,299,200	\$2,323,900

Total	\$99,000	\$700	\$1,200	\$2,500
Priority C	\$14,000			\$700
Priority B	\$42,100	\$700	\$1,200	\$1,800
Priority A	\$42,900			
Total	\$99,000	<b>\$700</b>	\$1,200	\$2,500
Mechanical	\$2,100	\$700	\$800	\$700
Electrical	\$39,900		\$400	\$1,100
Interior Architecture	\$14,000			\$700
Exterior Architecture	\$42,900			
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

<sup>\*\*</sup> 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 Repair		Future Replacement		Maintenance			
System Component Type		Date Es	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
xterior								
Exterior Walls Concrete Masonry Unit	10% No Cracking/Crum Location : So Jnt Mortar Mis Location : So	bling, Ex uth Facae s/Erod, E	de Extent : Light, A		-	5	\$4,700	A
Fiberglass Panel	10% 2- Cracking/Crum Location : Th	bling, Ex		2027 e, Area A	* * ffected : 20%	5	\$14,100	A
Metal Panel	53% No Broken/Missing Location: Th Corrosion/Russ Location: Th	Element roughout ing, Exte	nt : Moderate, A		* * ea Affected : 30% cted : 20%	5	\$74,900	A
Metal Coiling Doors	Location : Th	Element roughout pact Dam	age, Extent : M		* * ea Affected : 20% Area Affected : 20%	5	\$29,400	A
Window Wall	Location : No	g Element rth Faca Cracked	de l, Extent : Mode		* * rea Affected : 30% rea Affected : 30%	5	\$2,800	A
Windows Aluminum	100% No	)W	\$515,000	2023	\$1,716,600	5	\$17,900	A
	Broken/Missing Location: No			re, Area	Affected : 100%			
Roof Fiberglass Panel				2027 erate, Ar	* * ea Affected : 20%	1		A
Metal Panel	95% No Broken/Missing Location: Th Corrosion/Rust Location: Th Gut/DS Non Fu Location: Th Water Penetrat Location: Th	Element roughout ing, Exte roughout nc/Miss, roughout ion, Exte	nt : Moderate, A Extent : Severe nt : Moderate, A	Area Affe , Area A <u>f</u>	fected : 100%			A

Interior

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

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

# 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								
Floors						_		_
Cast in Place Concrete	Location	Crumbling, n : Through	\$485,400 Extent: Moderate out : Moderate, Area	-	-	5	\$233,500	С
		n : Through		1990000	. 50,0			
Vinyl Tile	5%	Now	\$53,300	2034	* *	3	\$2,100	С
	Location Loose Un	lissing Elem n : Office its, Extent :	ents, Extent : Mod Moderate, Area Aj	erate, Ar			, , , , ,	
	Worn/Ero	n : Office oded, Extent n : Office	: Moderate, Area	Affected	: 50%			
Interior Walls								
Concrete Masonry Unit			\$231,700 Extent : Light, Are out	LIFE ea Affecte	* * ed : 25%	5	\$24,600	С
Gypsum Board			\$12,400 Extent : Moderate out	LIFE e, Area Aj	* * ffected : 20%	5	\$2,100	С
Metal Panel	5%			LIFE	* *	10	\$1,500	С
Ceilings								
AcousTileConcealSpLn	Broken/M Location Worn/Ero	lissing Elem n : Office	\$49,400 ents, Extent : Mod : Moderate, Area			5	\$4,000	В
Exposed Struc: Steel	95% Water Per	2-4	\$554,000 xtent : Moderate, A	LIFE Area Affe	* * cted : 25%			В

<b>lectrical</b>	Current Repair	Future F	Replacement	Ma	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year E	stimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Cod
nder 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2024	\$1,600	5	\$2,200	В
	Other Observation, Extent : Moderate,	Area Affecte	d: 100%			
	Location: Electrical Room					
	Explanation: One 2000 Amps Main	Disconnect S	witch			
Transformers						
Dry Type	100%	2022	\$13,900	5	\$300	В
<b>3 31</b>	Other Observation, Extent : Moderate,	Area Affecte	d: 100%			
	Location: Electrical And Mechanica	l Room				
	Explanation: One 300 And One 150	Kva 277/120	V			

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

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

# 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts								
Switchgear / Switchboard Molded Case Bkrs	100%			2024	\$44,500	5	\$2,200	В
Raceway								
Conduit	100%			2024	\$10,400	1		В
Panelboards								
Fused Disc Sw	5%			2023	\$1,700	5	\$100	В
Molded Case Bkrs	95%			2023	\$32,000	5	\$2,100	В
Wiring								
Braided Cloth	90%	2-4	\$14,500	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	\$24,400	5	\$600	В
Ground	10070				ΨΞ.,		4000	
Grounding Devices								
Generic	100%	2-4	\$900	LIFE	* *	5	\$1,200	В
	Location	ervation, E : Water M ion : Corro		Area Affe	ected : 100%		,	
Lighting								
Interior Lighting								
Fluorescent	65%	0-2	\$117,600	2034	* *			В
	_	-	, Extent : Moderate out The Building	e, Area A	ffected : 100%			
Fluorescent	30%	Now	\$54,300	2034	* *			В
	_	Fixtures, E : Ground I	xtent : Severe, Are	a Affecte	ed : 100%			
Incandescent	5%	Now	\$9,000	2034	* *	2	\$100	В
2.00.000000	Damaged .		xtent : Moderate, A		ected : 100%	_	Ψ100	2
Egress Lighting								
Emergency, Battery	50%			2019	\$15,500	10	\$9,100	В
Exit, Service	50%	Now	\$6,200	2034	* *	1		В
·	Not Functi		ent : Severe, Area A		: 100%			
Exterior Lighting								
HID	100%			2019	\$3,300	10	\$300	В
	10070				42,500		4500	

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.

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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 PIER 42 TERMINAL

Mechanical	Current Re	pair	Future Replacement Maintenance		aintenance		
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating							
Energy Source							
Natural Gas	100%		2024	\$13,900	1		В
	Not in Service, Extent:						
	Location: Incoming						
	Other Observation, Ex	_	Affected :	100%			
	Location : Entire Bui	_					
	Explanation : The Bu Obsolete	ilding Has Been	Vacant Fo	or Many Years. Al	l Mechan	nical Equipment Is	
Conversion Equipment							
Furnace	20% 0-2 Not in Service, Extent : Location : 1st Floor	\$2,100 Moderate, Area	2024 Affected :	\$20,800 20%	1	\$6,700	В
No Component	80%						D
Ventilation							
Exhaust Fans							
Wall Unit	5%		2019	\$6,400	2	\$100	В
No Component	95%						D
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%		2022	\$254,400	1		В
	Other Observation, Ext Location : Next To O		Affected :	100%			
	Explanation : Incomi	ng Water Service	Is Shut O	ff At Main			
Water Heater					_		_
Gas Fired	10% Now		2019	\$2,000	2	\$100	В
	Not in Service, Extent : Location : Office Are		Affected :	10%			
No Component	90%						D
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В
	Not in Service, Extent:		cted : 100	%			
	Location : Bathroom.	s In Office Area					
Fire Suppression							
Sprinkler							
Not Accessible	100%						D

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$296,000	\$75,500
Electrical		\$54,700
Total	\$296,000	\$130,200
Priority A	\$296,000	\$75,500
Priority B		\$54,700
Total	\$296,000	\$130,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$57,800			\$29,700
Interior Architecture	\$29,900		\$900	\$7,300
Electrical	\$600	\$1,600	\$600	\$23,500
Mechanical	\$5,300	\$8,000	\$4,300	\$13,400
Total	\$93,600	\$9,600	\$5,800	\$73,900
Priority A	\$57,800			\$29,700
Priority B	\$5,900	\$9,600	\$4,900	\$42,000
Priority C	\$29,900		\$900	\$2,200
Total	\$93,600	\$9,600	\$5,800	\$73,900



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

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

Asset #: 134

chitecture		Current F	Repair	Futur	e Replacement	M		
stem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
erior								
Exterior Walls	4004	0.0	<b>#21</b> 000		de de	_	<b>411.200</b>	
Concrete Masonry Unit			\$31,000 Extent : Light, Area out	LIFE Affected	: 10%	5	\$11,200	A
Masonry: Brick	_		\$15,000 Extent : Moderate cade	LIFE , Area Ą	* * ffected : 10%	5	\$4,500	A
		r Miss/Eroo ı : East Fac	l, Extent : Moderai cade	te, Area I	Affected : 25%			
Metal Panel	Location Corrosion	issing Elem ı : East Fac	xtent : Moderate, A			5	\$16,800	A
Metal Coiling Doors	Location Deformed	v/Rusting, E n : North Fo l/Dented, E	\$41,000 Extent : Moderate, A acade, South Facac extent : Moderate, A acade, South Facac	le rea Affeo		5	\$21,000	A
Windows								
Aluminum	10%			2039	* *	5	\$300	A
Steel	Location Corrosion Location Thermally	ped Elemen 1 : Through 1/Rusting, E 1 : Through	xtent : Moderate, A out . Extent : Moderate	Area Affe	octed : 25%	5	\$19,300	A
Parapets	Locuitor	i . Inrougn	Oui					
Concrete Masonry Unit	_	0-2 Crumbling, 1 : Through	\$1,500 Extent : Light, Are out	LIFE ea Affect	* * ed : 10%	5	\$1,100	A
Masonry: Brick	Location Misaligne	Cracks, Ex 1 : East Fac	Extent : Moderate,			5	\$1,000	A
No Component	90%							D
Roof								
Fiberglass Panel	15%			2026	* *	1		A
Metal Panel	10%			2028	* *	10	\$29,700	A
Spray-on Foam	70%			2028	* *	5	\$151,000	A
Not Accessible	5%							D

Interior

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

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

Asset #: 134

Architecture	Current F	Repair	Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior							
Floors							
Asphalt Poured	93% 0-2	\$27,300	2028	* *	5	\$20,700	C
	Cracking/Crumbling, Location: Through	0 .	ea Affecte	ed : 10%			
Carpet	5% 0-2	\$2,600	2019	\$26,200	3	\$6,700	С
·	Staining/Discoloring, Location: Through	0 .	ea Affect	ed : 10%			
Ceramic Tile	2%		2032	* *	5	\$1,800	С
Interior Walls							
Concrete Masonry Unit	90%		LIFE	* *	5	\$19,500	C
Gypsum Board	10%		LIFE	* *	5	\$3,300	C
Ceilings							
AcousTileSusp.Lay-In	10%		2028	* *	5	\$10,200	В
Exposed Struc: Steel	90%		LIFE	* *			В

Electrical	Current R	Current Repair		e Replacement	Maintenance		
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2033	* *	5	\$300	В
	Other Observation, Ex	xtent : Moderate, A	rea Affe	cted : 100%			
	Location : Electrical	l Room					
	Explanation: 1200 A	Amps					
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
Wiring							
Thermoplastic	100%		2033	* *	1		В
Motor Controllers							
Locally Mounted	100%		2028	* *	5	\$400	В
Lighting							
Interior Lighting							
Fluorescent	100%		2031	* *	10	\$54,700	В
	Other Observation, Ex	xtent : Moderate, A	rea Affe	cted : 100%			
	Location: Througho	out					
	Explanation: Using	T-8 Lamps					
Egress Lighting							
Emergency, Service	50%		2023	\$4,900	1		В
Exit, Service	50%		2023	\$4,900	1		В
Exterior Lighting							
HID	100%		2023	\$2,700	10	\$200	В
Alarm							

Alarm

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

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

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

Asset #: 134

Electrical	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Alarm							
Security System							
No Component	90%						D
Generic	10%		2018	\$22,400	1	\$2,400	В
Fire/Smoke Detection							
No Component	90%						D
Generic	10%		2031	* *	1-3	\$4,000	В

Total (Years)  2% 98%  20% her Observation, Ex	Estimated Cost	Year FY 2043 2043	Estimated Cost  * * * *	Cycle (Yrs)	<b>Estimated Cost</b>	Code
98% 20% her Observation, Ex				1		D
98% 20% her Observation, Ex				1		D
98% 20% her Observation, Ex				1		D
20% her Observation, Ex		2043	* *			В
her Observation, Ex				1		В
her Observation, Ex						
		2028	* *	1	\$5,900	В
	ctent : Light, Area	Affected	: 100%			
ocation : Roof	E: 10 1 10	6.77	T			
	Fired Packaged R					
78%		2028		2	\$21,600	В
	_	Affected	: 80%			
_						
Explanation : 20 Ga	s Fired Infared He	aters				
2%						D
100%		2039	* *	1		В
5%		2031	* *	2	\$200	В
	-	Affected	: 100%			
•						
Explanation : Split U	Init, Condensing U	Init Secti	on			
20%		2028	* *	2	\$700	В
75%						D
5%			* *	1	\$1,000	В
		Affected	: 100%			
Explanation : Spilt U	Init, Fan Coil Sect	ion				
95%						D
	Explanation: 1 Gas 78% her Observation, Expocation: Througho Explanation: 20 Ga 2%  100% 5% her Observation, Expocation: Rear Of Explanation: Split U 20% 75% 5% her Observation, Expocation: Above Ce Explanation: Split U 20% 5%	Explanation: I Gas Fired Packaged R 78% her Observation, Extent: Light, Area a cocation: Throughout Warehouse Explanation: 20 Gas Fired Infared He 2%  100%  5% her Observation, Extent: Light, Area a cocation: Rear Of Building Explanation: Split Unit, Condensing U 20%  75%  5% her Observation, Extent: Light, Area a cocation: Above Ceiling Explanation: Split Unit, Fan Coil Sect	Explanation: I Gas Fired Packaged Roof Top  78%  2028 her Observation, Extent: Light, Area Affected location: Throughout Warehouse Explanation: 20 Gas Fired Infared Heaters  2%  100%  2039  5%  2031 her Observation, Extent: Light, Area Affected location: Rear Of Building Explanation: Split Unit, Condensing Unit Section  20%  2028  75%  5%  2031 her Observation, Extent: Light, Area Affected location: Above Ceiling Explanation: Split Unit, Fan Coil Section	Explanation: 1 Gas Fired Packaged Roof Top Unit  78% 2028 ** her Observation, Extent: Light, Area Affected: 80% cocation: Throughout Warehouse Explanation: 20 Gas Fired Infared Heaters 2%  100% 2039 **  100% 2031 ** her Observation, Extent: Light, Area Affected: 100% cocation: Rear Of Building Explanation: Split Unit, Condensing Unit Section 20% 2028 **  75%  5% 2031 ** her Observation, Extent: Light, Area Affected: 100% her Observation, Extent: Light, Area Affected: 100% her Observation, Extent: Light, Area Affected: 100% her Observation: Split Unit, Fan Coil Section  20% 208  208  209  209  200  200  200  200	Explanation: 1 Gas Fired Packaged Roof Top Unit  78% 2028  Arer Observation, Extent: Light, Area Affected: 80%  Accation: Throughout Warehouse Explanation: 20 Gas Fired Infared Heaters 2%  100% 2039  ** 1  5% 2031  ** 2  Arer Observation, Extent: Light, Area Affected: 100%  Accation: Rear Of Building Explanation: Split Unit, Condensing Unit Section 20% 2028  ** 2  75%  5% 2031  ** 2  75%  5% 2031  ** 1  Area Observation, Extent: Light, Area Affected: 100%  Accation: Above Ceiling Explanation: Split Unit, Fan Coil Section	Explanation: 1 Gas Fired Packaged Roof Top Unit  78% 2028 ** 2 \$21,600  ther Observation, Extent: Light, Area Affected: 80%  ocation: Throughout Warehouse Explanation: 20 Gas Fired Infared Heaters  2%  100% 2039 ** 1  5% 2031 ** 2 \$200  ther Observation, Extent: Light, Area Affected: 100%  ocation: Rear Of Building Explanation: Split Unit, Condensing Unit Section  20% 2028 ** 2 \$700  75%  5% 2031 ** 1 \$1,000  ther Observation, Extent: Light, Area Affected: 100%  ocation: Above Ceiling Explanation: Split Unit, Fan Coil Section

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

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

Mechanical	Curre	nt Repair	Futur	Future Replacement Maintenance		aintenance	
System Component Type	% of Fail Da Total (Year	te Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Ventilation							
Exhaust Fans							
Roof	50% 0-2	\$1,300	2023	\$26,900	2	\$700	В
	Malfunctioning, E	xtent : Moderate, Are	a Affecte	d : 20%			
	Location : Defec	tive Controls 1 Of 6 U	Inits				
	Noisy/Vibrating, I	Extent : Moderate, Are	ea Affecte	ed : 30%			
	Location: Roof,	2 Of 6 Units					
Wall Unit	30%		2023	\$30,700	2	\$600	В
No Component	20%						D
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2043	* *	1		В
Water Heater							
Electric	100%		2021	\$10,500	4	\$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							
No Component	20%						D
Generic	80%		2043	* *	1-5	\$24,100	В
Sprinkler							
Generic	100%		2043	* *	1-2	\$16,700	В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 :

#### CAPITAL

**Total** 

Priority

**Total** 

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture				\$300
Interior Architecture				
Electrical				
Mechanical				
Total				\$300
Priority A				\$300
Priority B				
Priority C				
Total				\$300



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL GATEHOUSE/GUARDHOUSE

Asset #: 2282

Architecture	Curre	Current Repair Future Replacement Maint		Future Replacement Maintenance			
System Component Type	% of Fail Da Total (Year	nte Estimated Cost s)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior							
Exterior Walls							
Metal/Glass Curt Wall	50%		LIFE	* *	5	\$300	Α
Metal Panel	50%		2053	* *	5-10	\$1,100	Α
	Recent Constructi	on, Extent : Light, Are	a Affecte	ed : 100%			
	Location : Throi	ighout					
Windows							
Aluminum	100%		2048	* *	5		A
Roof							
Metal Panel	100%		2043	* *	10	\$400	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	\$100	В

Electrical	Current Repair	Future Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	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	% of 1 Total	Fail Date Estimated Cost (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	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

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

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,810,800	
Interior Architecture	\$778,100	
Electrical	\$98,700	
Mechanical	\$132,300	\$66,600
Total	\$2,819,900	\$66,600
Priority A	\$1,810,800	
Priority B	\$483,700	\$66,600
Priority C	\$525,300	
Total	\$2,819,900	\$66,600

Total	\$152.000	\$6.800	\$3,200	\$21,500
Priority C	\$81,900	, 2,000	, - , - , - ,	\$2,200
Priority B	\$45,600	\$6,800	\$3,200	\$19,300
Priority A	\$24,500			
Total	\$152,000	\$6,800	\$3,200	\$21,500
Mechanical	\$36,700	\$6,800	\$3,200	\$19,300
Electrical	\$9,000			
Interior Architecture	\$81,900			\$2,200
Exterior Architecture	\$24,500			
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
xterior								
Exterior Walls Cast in Place Concrete	Location	Crumbling, 1 : Through			-	5	\$24,700	A
	Location Spalling, I	ı : West Fa	derate, Area Affect		•			
Concrete Masonry Unit	_	0-2 Crumbling, 1 : Through	\$85,400 Extent : Severe, A out	LIFE rea Affec	* * cted : 60%	5	\$3,100	A
Masonry: Brick	Broken/M Location	ı : West Fac				5	\$29,700	A
	Location Spalling,	ı : Through Extent : Mo	d, Extent : Moderat out derate, Area Affect cade, West Facade					
Metal Panel		0-2 issing Elem i : Through	\$15,600 nents, Extent : Seve out	2033 re, Area	* * Affected : 60%	5	\$9,300	A
Metal Coiling Doors	Location	/Rusting, E 1 : West Fac				5	\$7,700	A
		/Dented, E2 1 : West Fac	xtent : Moderate, A cade	rea Affec	cted : 25%			
Windows								
Aluminum		0-2 issing Elem i : Through	\$44,000 nents, Extent : Seve out	2048 re, Area	* * Affected : 100%	5	\$500	A
Steel	Location	ped Elemen 1 : Through	\$213,700 hts, Extent : Moderd out Extent : Moderate, A			5	\$23,000	A
	Location Thermally	ı : Through	out , Extent : Severe, A					

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

Architecture	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior					
Parapets  Cost Stone / Town Cotto	50/ Name \$01.600	TIEE **	_	\$4,000	<b>A</b>
Cast Stone/Terra Cotta	5% Now \$91,600 Cracking/Crumbling, Extent : Severe, A Location : Coping	LIFE	5	\$4,000	A
	Jnt Mortar Miss/Erod, Extent : Modera Location : Coping	te, Area Affected : 50%			
Masonry: Brick	85% Now \$175,400 Broken/Missing Elements, Extent: Seve Location: West Parapet		5	\$8,800	A
	Jnt Mortar Miss/Erod, Extent: Modera Location: Throughout				
	Misaligned/Bulging, Extent : Moderate, Location : East Facade				
Metal Rail	10% 0-2 \$8,900 Corrosion/Rusting, Extent : Moderate, Location : Throughout	2028 ** Area Affected : 40%	5	\$7,400	A
Roof					
Modified Bitumen	100% Now \$427,300 Blisters, Extent : Moderate, Area Affect Location : Over Second Floor	2033 ** red: 25%			A
	Vegetation Growth, Extent : Moderate, Location : Over Second Floor	-			
	Water Penetration, Extent : Moderate, L Location : Over Tower	Area Affected : 25%			
Interior Floors					
Carpet	15% 0-2 \$7,800 Punct/Tear/Impact Damage, Extent : Se Location : Throughout	2019 \$25,900 evere, Area Affected : 30%	3	\$6,600	С
Cast in Place Concrete	30% Now \$133,800 Broken/Missing Elements, Extent: Mod Location: Boiler Room	LIFE ** lerate, Area Affected : 25%	5	\$19,300	С
	Cracking/Crumbling, Extent : Moderate Location : Boiler Room	e, Area Affected : 80%			
Ceramic Tile	5% 0-2 \$32,400 Cracking/Crumbling, Extent: Severe, A Location: Throughout	2038 * * Area Affected : 100%	5	\$700	С
Terrazzo	50% Now \$131,500 Cracking/Crumbling, Extent: Moderate Location: Second Floor And Stairs	LIFE ** e, Area Affected : 100%	5	\$11,500	С

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

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

Asset #: 2504

Architecture		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
nterior								
Interior Walls						_		_
Ceramic Tile	5%		\$14,600	2038	* *	5	\$200	C
	_	Crumbling, 1 : Through	Extent : Severe, A out	rea Affec	cted : 100%			
Concrete Masonry Unit	50%	0-2	\$187,400	LIFE	* *	5	\$2,000	С
·		Crumbling, 1 : Through	Extent : Severe, A out	rea Affec	cted : 100%			
Gypsum Board	15%	2-4	\$27,100	LIFE	* *	5	\$900	С
	_	_	Extent : Severe, A	rea Affec	eted : 100%			
		ı : Through						
Plywood/Hardboard	30%		\$72,700	LIFE	* *			C
		issing Elem 1 : Through	nents, Extent : Seve out	re, Area	Affected : 100%			
Ceilings								
AcousTileConcealSpLn			\$45,200	2043	* *	5	\$3,700	В
		Crumbling, 1 : Through	Extent : Severe, A out	rea Affec	cted : 100%			
AcousTileSusp.Lay-In	60%	Now	\$117,300	2043	* *	5	\$8,800	В
		Broken/Missing Elements, Extent: Moderate, Area Affected: 20%  Location: Tower, Throughout						
	Staining/L	Discoloring,	, Extent : Moderate	, Area Ą	ffected : 50%			
	Location	ı: Tower, T	Throughout					
		ietration, E i : Tower	xtent : Moderate, A	rea Affe	cted : 20%			
Exposed Concrete	_		\$90,300 Extent : Severe, A out	LIFE rea Affec	* * cted : 100%	5	\$900	В

	Current F	Repair	Futur	re Replacement	M	aintenance	
% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
100%							D
100%							D
100%							D
100%							D
100%							D
			•		•		
100%							D
	100% 100% 100% 100%	% of Fail Date	Total (Years)  100%  100%  100%  100%	% of Total         Fail Date (Years)         Estimated Cost FY         Year FY           100%	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost FY    100%	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost (Yrs)	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost (Yrs) Estimated Cost (Yrs)

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

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

Asset #: 2504

Electrical		Current F	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
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	\$98,700	2033	* *			В
			t : Moderate, Area	Affected	! : 100%			
	Location	: Through	out					
Exterior Lighting	•	•		•				•
HID	100%	Now	\$9,000	2033	* *			В
	Not in Ser	vice, Exten	t : Severe, Area Aff	ected : 1	100%			
	Location	: Through	out					

lechanical		Current Rep	oair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
eating								
Energy Source								
Electricity	10%			2049	* *	1		В
	Other Obse	ervation, Exte	ent : Moderate, A	Area Affe	cted : 60%			
	Location	: First Floor,	ır Sectioi	$\eta$				
	Explanati	ion : Building	Is Abandoned					
Natural Gas	90%			2033	* *	1		В
Conversion Equipment								
Furnace	20%	Now	\$5,400	2033	* *	1	\$1,800	В
	Not in Serv	ice, Extent :	Moderate, Area	Affected	: 100%			
	Location	Roof						
Hot Water Boiler	60%	Now	\$30,100	2043	* *	1	\$5,300	В
	Not in Serv	ice. Extent :	Severe, Area Afj	ected : 6	0%		, - ,	
		: Boiler Rooi						
No Component	20%							D
Distribution								
Hot Wtr Piping/Pump	100%			2039	* *	4	\$1,500	В
1 8 1	Not in Service, Extent: Moderate, Area Affected: 40%							
		: Various Lo		55				

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

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

Mechanical	Current Repair		Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating	•			•				
Terminal Devices								
Convector/Radiator	60%			2036	* *	1	\$3,800	В
Fan Coil Unit/Heat	40%			2028	* *	1	\$2,600	В
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		В
Conversion Equipment								
Ext Pkg Unit -	90%	Now	\$132,300	2033	* *	2	\$900	В
Heating/Cooling								
	Not in Ser Location		t : Severe, Area Aff	ected : 1	00%			
Window/Wall Unit	10%			2021	\$4,600	1		В
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$11,000	В
Exhaust Fans								
Roof	100%			2018	\$17,700	2	\$600	В
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2021	\$66,600	1		В
Water Heater								
Gas Fired	100%			2016	\$5,200	2	\$300	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.

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$3,429,600	\$1,488,100
Interior Architecture	\$544,400	\$213,200
Electrical	\$628,200	\$181,500
Mechanical	\$153,200	\$347,000
Total	\$4,755,300	\$2,229,700
Priority A	\$3,429,600	\$1,488,100
Priority B	\$1,080,800	\$528,400
Priority C	\$244,900	\$213,200
Total	\$4,755,300	\$2,229,700

Total	\$81,000	\$30,800	\$33,400	\$37,300
Priority C				
Priority B	\$57,700	\$30,800	\$33,400	\$37,300
Priority A	\$23,300			
Total	\$81,000	\$30,800	\$33,400	\$37,300
Mechanical	\$30,700	\$30,800	\$30,700	\$29,700
Electrical	\$27,000		\$2,700	\$7,600
Interior Architecture				
Exterior Architecture	\$23,300			
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

Architecture	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
exterior								
Exterior Walls Concrete Masonry Unit	25%	Now	\$283,200	LIFE	* *	5	\$102,500	A
Concrete Masoni y Onit			xtent : Moderate, A		ected : 15%	3	ψ102,500	A
			nd South Facades	30				
			d, Extent : Moderat		Affected : 50%			
			acade, South Facad		cc 1 250/			
			, Extent : Moderate acade, South Facac		ffected: 25%			
Fiberglass Panel	40%			2036	* *	5	\$983,500	A
C	Recent Re	pair Evider	ıt, Extent : Light, A	rea Affe	cted : 66%		, ,	
	Location	ı : Through	out					
Metal, Corrugated	15%			2049	* *	1		A
		-	it, Extent : Light, A	rea Affe	cted : 66%			
Market Carry		ı : Through		TIPE	* *		фс1 <b>7</b> 00	
Metal/Glass Curt Wall			\$596,000 nents, Extent : Seve cade	LIFE re, Area		5	\$61,500	A
	Glazing B		ked, Extent : Sever	e, Area 1	Affected : 25%			
Metal Coiling Doors	15% Corrosion		\$600,000 Extent : Severe, Area	2028 a Affecte	* * ed : 50%	5	\$153,700	A
		_	acade, South Facad					
	-		xtent : Severe, Area acade, South Facad		d : 50%			
Windows								
Aluminum	70%		\$613,300	2039	* *	5	\$21,300	A
		tea Finish, 1 : Through	Extent : Moderate,	Area Af	fectea : 50%			
		_		rate. Ar	ea Affected : 25%			
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25% Location : Throughout							
		Inefficient 1: Through	, Extent : Moderate out	, Area A	ffected : 50%			
Steel	30%	Now	\$425,300	2039	* *	5	\$114,300	A
			nents, Extent : Seve	re, Area	Affected: 50%			
		ı : North Fo						
		Inefficient 1 : Through	, Extent : Moderate	, Area A	ffected : 50%			

Asset #: 2416

Architecture	Current Repair	Future Replacement	M		
ystem Component Type	% of Fail Date Estimated Cor Total (Years)	st Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority Code
xterior					
Parapets Concrete Masonry Unit	3% Now \$12,300 Diagonal Cracks, Extent : Moderate, Location : Throughout	Area Affected : 20%	* 5	\$4,700	A
	Jnt Mortar Miss/Erod, Extent : Mode Location : Throughout				
Pre-Cast Concrete	2% Now \$11,000 Broken/Missing Elements, Extent: M Location: East Facade Jnt Mortar Miss/Erod, Extent: Mode Location: East Facade	oderate, Area Affected : 20%	5	\$17,300	A
No Component	95%				D
Roof Fiberglass Panel	10% Recent Replace Evident, Extent : Ligi Location : Throughout	2038 * * ht, Area Affected : 100%	* 1		A
Metal Panel	10% Recent Repair Evident, Extent: Light Location: Throughout	2040 *: t, Area Affected : 100%	* 10	\$144,400	A
Spray-on Foam	80% Recent Replace Evident, Extent: Light Location: Throughout	2033 ** ht, Area Affected : 100%	* 5	\$840,100	A
terior					
Floors Asphalt Poured	85% 0-2 \$109,200 Cracking/Crumbling, Extent: Light, Location: Throughout		* 5	\$82,900	C
Cast in Place Concrete	10% Recent Replace Evident, Extent : Light Location : Throughout	LIFE * : ht, Area Affected : 100%	* 5	\$85,400	С
Ceramic Tile	2% Now \$86,000 Cracking/Crumbling, Extent : Severe Location : Throughout		* 5	\$3,900	С
Terrazzo	3%	LIFE *	* 5	\$9,100	С
Interior Walls Concrete Masonry Unit	80% Water Penetration, Extent : Moderate Location : Throughout	LIFE * : e, Area Affected : 25%	* 5	\$42,300	С
Concrete Masonry Unit	5% Now \$49,700 Diagonal Cracks, Extent : Moderate, Location : At East Entrance		* 5	\$2,600	С
Plaster	10%	LIFE *:	* 5	\$4,000	С
Plywood/Hardboard	5%	LIFE *:	k	. ,	Č

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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL PIER BLDG.

Asset #: 2416

Architecture		Current R	epair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Interior								
Ceilings								
AcousTileConcealSpLn	10%	Now	\$299,500	2043	* *	5	\$24,400	В
		issing Eleme 1 : Office Ar	ents, Extent : Seve ea	re, Area	Affected : 50%			
	Cracking/	Crumbling,	Extent : Severe, A	rea Affec	eted : 50%			
	Location	ı : Office Ar	ea					
	Water Per	netration, Ex	ctent : Severe, Are	a Affecte	d: 20%			
	Location	ı : Office Ar	ea					
Exposed Struc: Steel	90%			LIFE	* *			В

Electrical	Current Repair			Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Est (Years)	timated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2053	* *	5	\$7,600	В
	Other Obse	ervation, Exten	t : Moderate, A	Area Affe	cted : 100%			
	Location	: Electrical Ro	oom					
	Explanati	ion : 800 Amps	3					
Transformers								
Under Construction	100%							D
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	\$118,600	5	\$7,600	В
Raceway								
Conduit	100%			2023	\$31,200	1		В
Panelboards								
Molded Case Bkrs	70%			2022	\$62,900	5	\$5,300	В
Molded Case Bkrs	30%	2-4	\$27,000	2048	* *	5	\$1,100	В
		ed Life, Extent : Throughout	: Moderate, Ai	rea Affec	ted : 100%			
Lighting		<del>_</del>						
Interior Lighting								
Fluorescent	100%	Now	\$628,200	2033	* *			В
	Not in Serv	rice, Extent : M	loderate, Area	Affected	: 100%			
	Location	: Inside The B	uilding					
Exterior Lighting								
HID	100%			2033	* *	10	\$900	В
	Recent Inst	Recent Installation, Extent: Light, Area Affected: 100%						
		: Throughout	_	-				

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

Heating

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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL PIER BLDG.

Asset #: 2416

Mechanical	Current Repair	Future Re	placement	Maintenance				
System Component Type	% of Fail Date Estimated ( Total (Years)	Cost Year Est FY	imated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
Heating								
Energy Source	<b>-</b> 0.	20.42	de de					
Electricity	5%	2043	* *	1		В		
No Component	95%					D		
Conversion Equipment Hot Water Boiler	5%	2021	\$22.200	1	¢6 500	D		
Hot water Botter	0bsolete Equipment, Extent : Light		\$33,300	1	\$6,500	В		
	Location: Office Section Of Build		0070					
	Other Observation, Extent: Light,	_	0%					
	Location : Office Section Of Build							
	Explanation: Building Expected	_	By Tenant					
Radiant Heater	3%	2023	\$39,100	2	\$3,600	В		
1	Other Observation, Extent: Light,			_	φ2,000	-		
	Location: Water Meter Rooms							
	Explanation : Electric Unit Heate	ers						
No Component	92%					D		
Terminal Devices								
Convector/Radiator	100%	2021	\$223,500	1	\$84,400	В		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout Office Sec							
	Explanation : Equipment To Be U	Jpgraded By Prop	ective Tenant					
Air Conditioning								
Energy Source	100%	2022	¢50.200	1		В		
Electricity Conversion Equipment	100%	2022	\$50,300	1		D		
Reciprocating Compr/Chiller	5%	2018	\$50,200	1	\$6,100	В		
Compi/Cimer	Obsolete Equipment, Extent : Mode							
	Location : Office Section Of Build	_	1000/					
	Other Observation, Extent: Moder		: 100%					
	Location : Office Section Of Build	_	antina Tanant					
XX' 1 /XX - 11 T I'4	Explanation : Equipment To Be U			1		D		
Window/Wall Unit	1% Recent Installation, Extent: Light,	2023	\$6,100	1		В		
	Location : Electrical Vault	Агеи Ајјестеи . 10	070					
No Commonant						D		
No Component Terminal Devices	94%					D		
Air Handler/Cool/Ht	5%	2018	\$3,800	1	\$8,100	В		
All Handler/Cool/IIt	Obsolete Equipment, Extent : Mode			1	φ0,100	ъ		
	Location : Office Section Of Build	-						
	Other Observation, Extent: Moderate, Area Affected: 100%							
	Location: Office Section Of Building							
	Explanation : Equipment To Be U	Jpgraded By Prop	ective Tenant					
No Component	95%					D		
Plumbing								
H/C Water Piping								
Galv Iron/Steel	5%	2028	* *	1		В		
No Component	95%					D		

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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL PIER BLDG.

Mechanical	Current Repai	r Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Esti Total (Years)	imated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Plumbing							
Water Heater							
Gas Fired	100%	2016	\$68,800	2	\$3,900	В	
	Other Observation, Extent : Moderate, Area Affected : 100%						
	Location : Office Section	Of Building					
	Explanation : Equipmen	t To Be Upgraded By F	Propective 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	\$131,700	В	
Sprinkler							
Generic	100%	2043	* *	1-2	\$73,200	В	
Fire Pump							
Generic	100%	2032	* *	1	\$48,800	В	
	Other Observation, Extent	: Light, Area Affected	: 100%				
	Location : Water Meter	Rooms					
	Explanation: Building H	las Been Divided Into	Two Sections				

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Exterior Architecture	\$1,743,900	\$180,700
Interior Architecture	\$811,200	\$277,100
Total	\$2,555,100	\$457,700
Priority A	\$1,743,900	\$180,700
Priority B	\$606,400	
Priority C	\$204,800	\$277,100
Total	\$2,555,100	\$457,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$30,100	\$11,900		
Interior Architecture				
Electrical				
Mechanical	\$4,700	\$3,200	\$4,900	\$3,200
Total	\$34,800	\$15,100	\$4,900	\$3,200
Priority A	\$30,100	\$11,900		
Priority B	\$4,700	\$3,200	\$4,900	\$3,200
Priority C				
Total	\$34,800	\$15,100	\$4,900	\$3,200



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

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

Asset #: 2503

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
xterior							
Exterior Walls Concrete Masonry Unit	40% Now Jnt Mortar Miss/Erod Location: North Fa Vertical Cracks, Exter Location: South Fa	cade, South Facac at : Moderate, Are cade	le a Affected	d : 20%	5	\$15,900	A
	Water Penetration, Ex Location: North Fa			l : 25%			
Fiberglass Panel	10% Recent Replace Evide. Location: Througho	nt, Extent : Light,	2036	* * cted : 100%	5	\$23,900	A
Metal Panel	20% Now Corrosion/Rusting, Ex Location: Througho Deformed/Dented, Ex	ut			5	\$23,900	A
	Location: Througho						
Metal Coiling Doors	30% Now Broken/Missing Eleme Location: North Fa Corrosion/Rusting, Ex	cade, South Facad	le		5	\$29,800	A
	Location : South Fac			. 5070			
Windows							
Steel	100% Now Bent/Warped Element Location: Througho Corrosion/Rusting, Ex Location: Througho Glazing Broken/Crack Location: Througho Thermally Inefficient, Location: Througho	ut stent : Severe, Are ut sed, Extent : Sever ut Extent : Severe, A	a Affected e, Area A	1 : 50% ffected : 50%	5	\$96,400	A
Roof							
Metal Panel Not Accessible	20% 80%		2043	* *	10	\$84,200	A D
nterior							
Floors Cast in Place Concrete	100% 0-2 Cracking/Crumbling, Location: Througho	_	LIFE ea Affecte	* * d : 10%	5	\$277,100	C
Interior Walls							
Concrete Masonry Unit	75% 0-2 Cracking/Crumbling, Location: Througho	_	LIFE ea Affecte	* * d : 10%	5	\$23,100	С
Masonry: Brick	25%		LIFE	* *			C

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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL SHED - BLDG N

Architecture	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Interior								
Ceilings								
Exposed Struc: Steel	25%		LIFE	* *			В	
Exposed Struc: Wood	75% 0-2	\$606,400	LIFE	* *			В	
	Dry Rot/Decay, Ext	ent : Moderate, Ared	a Affected	d : 25%				
	Location: Throug	phout						
	Split/Cracked, Extent : Moderate, Area Affected : 50%							
	Location: Throug	phout						

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
Lighting Exterior Lighting				
HID	100%	2033 **	10 \$300	В
	Recent Installation, Extent : Light, Area Location : Exterior	a Affected : 100%		

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Heating								
Energy Source								
Electricity	2%			2043	* *	1		В
No Component	98%							D
Conversion Equipment								
Radiant Heater	2%			2023	\$8,500	2	\$800	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	\$23,700	В
Fire Pump								
Generic	100%	0-2	\$1,400	2026	* *	1	\$14,200	В
	Damaged,	Extent: M	loderate, 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.

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Exterior Architecture	\$14,100			
Interior Architecture				
Mechanical				
Total	\$14,100			
Priority A	\$14,100			
Priority B				
Priority C				
Total	\$14,100			



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

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

### DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL TRANSFORMER BLDG. 'S'

Asset #: 2557

Architecture		Current F	Repair	Futur	e Replacem	ent	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	Estimated	Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Exterior									
Exterior Walls									
Concrete Masonry Unit	90%	Now	\$11,800	LIFE		* *	5	\$700	A
			tent : Severe, Area	Affected	: 10%				
	Location	n : North Ed	ast Corner						
	Vertical C	Cracks, Exte	ent : Severe, Area A	ffected :	25%				
	Location	n : Southeas	st Corner						
	Other Ob.	servation, E	Extent : Severe, Are	a Affecte	d: 25%				
	Location	n : Southeas	st Corner						
	Explana	tion : Buila	ling Scheduled To I	Be Demo	lished - East	And S	South Wa	lls Are Separating	
Metal Coiling Doors	10%	Now	\$2,300	2036		* *	5	\$200	A
<u> </u>	Corrosion	/Rusting, E	Extent : Moderate, A	Area Affe	cted : 25%				
	Location	n: West Fa	cade						
	Deformed	l/Dented, E	xtent : Moderate, A	rea Affe	cted : 25%				
	Location	n: West Fa	cade						
Windows									
Metal Louvers	100%			2026		* *	10		A
Roof									
Not Accessible	100%								D
Interior									
Floors									
Cast in Place Concrete	100%			LIFE		* *	5	\$900	С
Interior Walls									
Concrete Masonry Unit	100%			LIFE		* *	5		С
Ceilings						-			
Exposed Concrete	65%			LIFE		* *	5		В
Exposed Struc: Steel	35%			LIFE		* *			В

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

<sup>\*\*</sup> 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Under 600 Volts								
Switchgear / Switchboard								
Not Accessible	100%							D
Raceway								
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	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	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.

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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

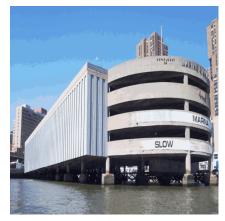
Date of Survey : 08-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 991 Lot : 50 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Piers	\$40,900	
Total	\$40,900	
Priority A	\$40,900	
Total	\$40,900	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$12,900			
Total	\$12,900			
Priority A	\$12,900			
Total	\$12,900			



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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 23RD ST. MARINA PKG. GARAGE BUILDING FOUNDATION

iers	Current Repair	Future Replacement	М	aintenance	
ystem Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estimated Cos FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
ructural					
Deck					
Concrete	50%	LIFE * *	5	\$32,000	Α
	Cracking, Extent : Light, Area Affec	ted : 2%			
	Location : Offshore End				
Not Accessible	50%				D
Pile Caps					
Concrete	93%	LIFE * *	\$ 5	\$2,200	A
	Spalling, Extent : Moderate, Area A	ffected : 10%			
	Location: On Cluster Caps Throu	ghout			
Concrete	2% 4+ \$12,90	00 LIFE *:	\$ 5		A
	Cracking, Extent: Moderate, Area				
	Location : Throughout				
	Discolor & Bleeding, Extent: Mode	rate, Area Affected : 10%			
	Location : Throughout				
	Spalling, Extent : Moderate, Area A	ffected : 10%			
	Location : Throughout	•			
Steel	5%	2024 \$34,700	) 5	\$14,100	A
Steel	Corrosion, Extent : Light, Area Affe		, ,	Ψ11,100	
	Location: Throughout				
Piles and Bracing	0				
Concrete	28%	LIFE * *	· 5	\$30,500	A
Concrete	2% 4+ \$40,90	00 LIFE * *		\$2,200	A
	Cracking, Extent : Light, Area Affect	rted : 5%		. ,	
	Location : North Side Of Pier				
	Spalling, Extent : Moderate, Area A	ffected : 5%			
	Location : North Side Of Pier				
Not Accessible	70%				D

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers	\$101,300	\$51,900
Total	\$101,300	\$51,900
Priority B	\$101,300	\$51,900
Total	\$101,300	\$51,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$1,800		\$21,000	\$500
Total	\$1,800		\$21,000	\$500
Priority A				
Priority B	\$1,800		\$21,000	\$500
Total	\$1,800		\$21,000	\$500



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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 65TH STREET RAIL YARD TRANSFER BRIDGE PIERS

Asset #: 13492

Piers	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estima FY	ted Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Deck	200/	LIEE	* *	5	¢£ 200	
Concrete Not Accessible	30% 70%	LIFE	4. 4.	5	\$5,200	A D
Piles and Bracing	7070					
Not Accessible	100%					D
	Other Observation, Extent : Light	, Area Affected : 0%				
	Location:	. 55				
	Explanation : Piles Are Wrappe	d				
Fender						
Facing						
Timber	55%	2032	* *	3	\$16,000	В
	Rotting/Splitting, Extent: Modera					
	Location : At Tops Of Timber B					
	Surface Wearing/Scaling, Extent:	Light, Area Affected : 2	25%			
	Location : Throughout					
Timber	5% Now \$49,		* *	3	\$1,500	В
	Broken, Extent : Severe, Area Affe	ected : 50%				
	Location: Isolated Throughout					
	Loose Connections, Extent: Seven Location: Isolated Throughout	re, Area Affected : 50%				
Not Accessible	40%					D
Wales and Chocks						
Steel	99%	2032	* *	3-5	\$33,000	В
	Corrosion, Extent : Light, Area Aj	ffected : 20%				
	Location : Splash Zone					
	Missing Coating, Extent: Modera	ite, Area Affected : 20%				
	Location : Splash Zone					
Steel		800 2036	* *	3-5	\$200	В
	Other Observation, Extent: Seven		ó			
	Location: West End Of North F	inger Pier				
	Explanation : Sheared Bolts					
Piles	250/	2022	* *	2.5	¢100 c00	ъ
Steel	35%	2032	* *	3-5	\$109,600	В
	Corrosion, Extent : Light, Area Aj Location : Splash Zone	yeciea : 20%				
Not Accessible						D
NOT ACCESSIBLE	65%					D
Deals Floments						
Deck Elements Railing						

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 :

Togram / Taset // Discover. Value / 2500

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 2015 - 2018	FY 2019 - 2024
Piers		\$56,200
Total		\$56,200
Priority A		\$56,200
Total		\$56,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers			\$33,000	
Total			\$33,000	
Priority A			\$30,400	
Priority C			\$2,600	
Total			\$33,000	



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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 EAST RIVER ESPLANADE

Piers	Current Repair	Future	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Cod
tructural						
Deck						
Concrete	10%	LIFE	* *	5	\$6,800	A
Steel	20%	2027	* *	5	\$60,900	A
	Corrosion, Extent : Light, Area Affect	cted : 5%				
	Location : On Hardware					
Not Accessible	70%					D
Deck Surface						
Asphalt Pavers	70%	2036	* *			C
Topsoil	10%	2022	\$34,300	5	\$5,200	C
No Component	20%					D
Pile Caps						
Concrete	30%	LIFE	* *	5	\$700	A
Timber	35%	LIFE	* *	4	\$100,500	A
	Rotting/Splitting, Extent: Light, Area Affected: 10%					
	Location : Tidal Zone					
Not Accessible	35%					D
Piles and Bracing						
Concrete	10%	LIFE	* *	5	\$11,600	A
Steel	10%	LIFE	* *	5	\$56,200	Α
	Corrosion, Extent : Light, Area Affec	cted : 5%				
	Location : Above Water					
Timber	20%	LIFE	* *	4-5	\$32,700	A
2,3332,03	Other Observation, Extent : Modera		cted : 10%		,,,,,,	
	Location : Above Water	, 33				
	Explanation: Section Loss					
Not Accessible	60%					D
eck Elements						
Railing						
Steel	100%	2021				В

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers		\$36,200
Total		\$36,200
Priority A		\$36,200
Total		\$36,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers		\$4,100		
Total		\$4,100		
Priority A Priority C				
Priority C		\$4,100		
Total		\$4,100		



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

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

#### 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	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Deck							
Concrete	40%		LIFE	* *	5	\$5,800	A
No Component	5%						D
Not Accessible	55%						D
Deck Surface							
Asphalt	95%		2036	* *	5	\$8,200	C
No Component	5%						D
Pile Caps							
Concrete	95%		LIFE	* *	5	\$500	A
No Component	5%						D
Piles and Bracing							
Steel	30%		LIFE	* *	5	\$36,200	A
No Component	5%						D
Not Accessible	65%						D
Deck Elements							
Railing							
Under Construction	100%						D

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024		
Piers	\$345,600	\$145,100		
Total	\$345,600	\$145,100		
Priority A	\$275,800	\$75,300		
Priority C	\$69,800	\$69,800		
Total	\$345,600	\$145,100		

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers		\$42,400		
Total		\$42,400		
Priority A				
Priority B		\$42,400		
Total		\$42,400		



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

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

### DEPT. OF SMALL BUSINESS SERV. - 801 EAST RIVER ESPLANADE IN FRONT OF ASSET 4083

Piers	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Deck							
Concrete	35%		LIFE	* *	5	\$8,000	A
	_	Light, Area Affected .	5%				
	Location : Throug	ghout					
Not Accessible	65%						D
Deck Surface							
Brick Pavers	100%		2032	* *	5	\$139,700	C
Pile Caps							
Concrete	100%		LIFE	* *	5	\$800	A
	Cracking, Extent:	Light, Area Affected .	5%				
	Location : Throug	ghout					
Piles and Bracing							
Steel	40% 4+	\$275,800	LIFE	* *	5	\$75,300	A
		Moderate, Area Affe	cted : 30	0%			
	Location : Above	Mlw					
Not Accessible	60%						D
Fender							
Wales and Chocks							
Timber	100%		2032	* *	4	\$99,600	В
Piles							
Timber	60%		2032	* *	4	\$27,600	В
Not Accessible	40%						D
Deck Elements							
Railing							
Steel	100%		2021				В

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Piers	\$16,500	\$400	\$19,400	
Total	\$16,500	\$400	\$19,400	
Priority A				
Priority B	\$16,500	\$400		
Priority C			\$19,400	
Total	\$16,500	\$400	\$19,400	



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 FULTON LANDING PIER CONCR. PILE SUPPORTED WOOD PIER

Asset #: 4337

Piers	Current Repa	ir Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Deck	400/	LIEE	* *	_	¢7,000	
Concrete	40% Cracking, Extent : Light, Location : Throughout I			5	\$7,900	A
Not Accessible	60%					D
Deck Surface						
Concrete	1% Cracking, Extent : Light, . Location : Isolated	2032 Area Affected : 2%	* *	5	\$100	С
Stone Pavers	3%	2032	* *			С
Timber	90%	2032	* *	5	\$38,600	C
	Surface Wearing/Scaling, Location : Isolated Thro Other Observation, Exten Location : Isolated Thro	oughout t : Light, Area Affected oughout	-			
	Explanation : Loose Co.	nnections				
No Component	6%					D
Pile Caps Concrete	60% Spalling, Extent : Light, A Location : Isolated	LIFE rea Affected : 2%	* *	5	\$400	A
Not Accessible	40%					D
Piles and Bracing						
Concrete	70% Erosion, Extent : Light, A Location : Isolated In T		* *	5	\$23,600	A
Not Accessible	30%					D
Fender						
Piles Timber	10%	2032	* *	4	\$1,200	В
	Rotting/Splitting, Extent : Location : Above Mlw E Worn, Extent : Light, Area Location : Tidal Zone	Elevation	30%			
Timber	10% Now Broken, Extent: Severe, A Location: Throughout I		* * nd Of North Side (	4 Of Pier	\$800	В
No Component	60%					D
Not Accessible	20%					D
Deck Elements						
Railing	400-1					_
Steel	100%	2021				В

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

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : HARBOR CHARLIE CONCRETE WHARF, PIER

Address : FOOT OF 63RD ST.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR032.010 / 13544 Yr Built/Renovated :

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 2015	FY 2016	FY 2017	FY 2018
Piers	\$51,900		\$2,300	
Total	\$51,900		\$2,300	
Priority A	\$50,900			
Priority B	\$1,000		\$2,300	
Total	\$51,900		\$2,300	



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 HARBOR CHARLIE CONCRETE WHARF, PIER

Piers	Current	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Deck	400				_	<b>*</b>	
Concrete	100%		LIFE	* *	5	\$45,700	A
	Cracking, Extent: L		: 5%				
	Location : Through	nout					
Pile Caps							
Concrete	100%		LIFE	* *	5	\$1,700	Α
	Cracking, Extent : L		: 5%				
	Location : Through	nout					
Piles and Bracing							
Concrete	70%		LIFE	* *	5	\$54,400	A
Not Accessible	30%						D
Coping/Curb							
Concrete	100%		LIFE	* *			C
	Cracking, Extent: L	ight, Area Affected	: 5%				
	Location: Through	nout					
Fender							
Wales and Chocks							
Timber	20%		2033	* *	4	\$2,800	В
No Component	80%						D
Piles							
Timber	30%		2033	* *	4	\$1,900	В
Timber	5% Now	\$1,000	2037	* *	4	\$300	В
	Loose Connections,	Extent : Severe, Are	a Affecte	ed : 100%			
	Location : One Fer	nder Pile Disconnec	ted Fron	n Wharf Face			
No Component	30%						D
Not Accessible	35%						D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 03-Mar-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1573 Lot : 52 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Piers	\$59,400	\$422,000
Total	\$59,400	\$422,000
Priority A	\$59,400	
Priority B		\$422,000
Total	\$59,400	\$422,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$44,800			
Total	\$44,800			
Priority A	\$23,400			
Priority B	\$21,100			
Priority C	\$400			
Total	\$44,800			



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 HIGH LEVEL DECK (WHARF)

Piers	Curi	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Total (Ye	Date Estimated Cost ars)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural			•				•
Deck Surface							
Asphalt Pavers	80%		2034	* *			C
Concrete	20%		2030	* *	5	\$700	C
	Cracking, Exten Location : Thr	t : Light, Area Affected oughout	: 10%				
	Spalling, Extent	: Moderate, Area Affec	cted : 25%	ó			
	Location : Con	ner Spalls At 13 Locat	ions Total	lling 115 Linear Ft			
Pile Caps							
Timber	25% 4-	\$44,500	LIFE	* *	4	\$10,100	A
	Rotting/Splitting	, Extent : Light, Area A	Affected :	100%			
	Location : Out	board Ends Of Pile Ca	ps And A	long Line Cap			
Timber	5% 2-	4 \$14,800	LIFE	* *	4	\$2,000	A
	Rotting/Splitting	, Extent : Severe, Area	Affected	: 100%			
	Location : Lin	e Cap					
Not Accessible	70%						D
Piles and Bracing							
Timber	45%		LIFE	* *	4-5	\$10,400	A
	Rotting/Splitting	, Extent : Light, Area A	Affected:	50%			
	Location: Iso	ated Throughout At Ab	andoned	Hardware Holes In	n Piles A	nd In Tidal Zone	
Timber	5% 4-	- \$23,400	LIFE	* *	4-5	\$1,200	A
	Rotting/Splitting	, Extent : Moderate, A	rea Affect	ed : 100%			
	Location: Iso	ated At Abandoned Ha	rdware H	oles And In Tidal Z	Zone		
	Other Observation, Extent : Severe, Area Affected : 100%						
	Location : Sta	tion 0+00 To 0+30 And	d 4+40 Ta	o 4+77 (From Nort	th)		
	Explanation:	Bracing Not Attached					
Not Accessible	50%						D
Deck Elements							
Railing							
Steel	100% 4-	\$21,100	2020	\$422,000			В
		, Extent : Light, Area A	Affected :	5%			
	Location: Isol	ated Throughout					

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Piers	\$48,700		\$700	
Total	\$48,700		\$700	
Priority A	\$48,700			
Priority C			\$700	
Total	\$48,700		\$700	



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

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

### DEPT. OF SMALL BUSINESS SERV. - 801 HIGH LEVEL PLATFORM INSHORE OUT AT PIER 4

Piers	Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Cod
tructural							
Deck					_		
Concrete	90%		LIFE	* *	5	\$36,000	Α
	Cracking, Extent: Lig	. 55	2%				
	Location : Isolated T		•••				
	Spalling, Extent : Ligh		2%				
	Location : Isolated T	hroughout					
Not Accessible	10%						D
Deck Surface							
Concrete	20%		2037	* *	5	\$1,500	C
No Component	80%						D
Pile Caps							
Concrete	99%		LIFE	* *	5	\$1,400	A
	Spalling, Extent : Light, Area Affected : 2%  Location : Typical Throughout						
Concrete	1% 0-2	\$3,400	LIFE	* *	5		A
	Spalling, Extent: Severe, Area Affected: 100%						
	Location : At Southwest Corner End Of Sheet Pile Bulkhead						
Piles and Bracing							
Concrete	50% 4+	\$26,600	LIFE	* *	5	\$17,000	A
	Spalling, Extent : Ligh	t, Area Affected :	2%				
	Location: Typical Throughout. Isolated Piles More Significant						
Not Accessible	50%						D
Deck Elements							
Railing							
Steel	100%		2023				В
	Corrosion, Extent : Light, Area Affected : 10%						
	Location: Througho	ut					
	Missing Coating, Exte Location: Througho		fected :	50%			

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers	\$257,400	
Total	\$257,400	
Priority A	\$151,400	
Priority B	\$106,000	
Total	\$257,400	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$88,500			
Total	\$88,500			
Priority A	\$44,300			
Priority B	\$44,100			
Total	\$88,500			



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

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

# 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
Structural					
Deck Timber	90% 4+ \$136,300 Aging, Extent : Moderate, Area Affecte Location : Throughout		5	\$5,500	A
	Rotting/Splitting, Extent: Moderate, A. Location: Isolated Throughout And A				
Timber	10% Now \$15,100 Broken, Extent: Moderate, Area Affect Location: At North End Of Dock		5	\$600	A
	Other Observation, Extent : Severe, Art Location : At Center Of Deck	ea Affectea : 50%			
Pile Caps	Explanation : Fire Damage				
Timber	80% Rotting/Splitting, Extent : Light, Area A Location : At Ends Of Pile Caps	LIFE ** Affected : 10%	4	\$13,800	A
Timber	15% 2-4 \$5,100 Rotting/Splitting, Extent : Severe, Area Location : At Southern Pile Cap Of W		4	\$1,700	A
Timber	5% Now \$4,200 Rotting/Splitting, Extent : Severe, Area Location : Severe Rot At Offshore En		4	\$600	A
Piles and Bracing					
Timber	45% Rotting/Splitting, Extent : Light, Area A Location : Throughout Tidal Zone An		4-5	\$5,500	A
Timber	15% 2-4 \$19,900 Rotting/Splitting, Extent: Severe, Area Location: Partial Bearing And Rot In		<b>4</b> -3	\$1,000	A
Timber	10% Now \$8,000 Other Observation, Extent: Severe, Ar Location: At Tops Of Timber Piles, T Explanation: Non-bearing	==	4-5	\$700	A
Not Accessible	30%				D
Fender					
Wales and Chocks Timber	100% Now \$33,400 Missing Part, Extent : Severe, Area Aff Location : Throughout	2039 * * ected : 100%	4	\$7,200	В
Piles Timber	100% Now \$106,000 Broken, Extent: Severe, Area Affected Location: Throughout Rotting/Splitting, Extent: Severe, Area Location: Throughout		4	\$3,300	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.

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

<sup>\*\*</sup> 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	Futu	re Replacement	Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	<b>Estimated Cost</b>	Cycle Estimated Cost (Yrs)	Priority Code
Deck Elements					
Coping/Curb					
Timber	40% 4+	\$4,300 LIFE	* *		В
	Rotting/Splitting, Extent: Mc	oderate, Area Affec	ted : 50%		
	Location: Throughout				
Timber	60% Now	\$6,400 LIFE	* *		В
	Broken, Extent : Severe, Area	Affected : 100%			
	Location: Missing Sections	At North And Sou	th Ends		

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers	\$386,500	\$1,106,900
Total	\$386,500	\$1,106,900
Priority A	\$71,200	\$104,700
Priority B	\$65,600	\$1,002,200
Priority C	\$249,800	
Total	\$386,500	\$1,106,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$103,300		\$19,100	\$14,400
Total	\$103,300		\$19,100	\$14,400
Priority A	\$54,500			
Priority B	\$16,800		\$300	\$1,900
Priority C	\$32,000		\$18,700	\$12,500
Total	\$103,300		\$19,100	\$14,400



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

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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 HIGH-LEVEL DECK (WHARF) W/RIPRAP & TIMBER DOLPHINS. PIER

Asset #: 13821

Piers	Current Repair	Future Repl	acement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estim	nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
tructural						
Deck	00/ 4: 010.100	LIEE	* *	~	Φ000	
Concrete	2% 4+ \$18,100	LIFE	* *	5	\$800	A
	Spalling, Extent : Moderate, Area Affect Location : At 75 Ft And From 540 Ft T		South Roth	Location	ns With Exposed	
	Reinforcement.	103/0 Ft From	Soum. Bom	ь сосино	ns wiin Exposea	
	Other Observation, Extent : Light, Area	Affected: 100%	6			
	Location: Isolated Locations					
	Explanation: Map Crack With Efflore	escence And Del	aminated A	reas.		
Concrete	38%	LIFE	* *	5	\$32,200	A
	Other Observation, Extent : Light, Area	Affected: 20%				
	Location: Throughout					
	Explanation : Efflorescence At Deck J	oints Between L	Peck Planks			
Not Accessible	60%					D
Deck Surface						
Asphalt	100%	2033	* *	5	\$25,100	C
	Cracking, Extent : Light, Area Affected					
	Location : Above Pilecaps Throughou					
	Surface Wearing/Scaling, Extent : Light	t, Area Affected	: 50%			
	Location: Throughout					
Pile Caps	750/	LIEE	* *	_	¢2.200	
Concrete	75% Cracking, Extent : Light, Area Affected	LIFE	* *	5	\$2,300	A
	Location: Isolated Corrosion Cracks					
	Discolor & Bleeding, Extent: Light, Are	_	2/6			
	Location: Isolated Throughout	earyjeetea . 20	, 0			
	Spalling, Extent: Light, Area Affected:	5%				
	Location : Throughout At Edges					
Concrete	25% 4+ \$71,200	LIFE	* *	5	\$400	A
Concrete	Cracking, Extent : Severe, Area Affected			3	φ <del>-1</del> 00	П
	Location: Horizontal Cracking, With		nd Rust Sta	ining, Ala	ong Bottom Of	
	Pile Caps At Isolated Caps					
Piles and Bracing						
Steel	30% 4+ \$19,200	LIFE	* *	5	\$104,700	A
	Corrosion, Extent : Moderate, Area Affe					
	Location: Near Mean Low Water Elev	vation And In Sp	olash Zone			
Not Accessible	70%					D
ender						
Buffer	100/	2033	* *	4-5	¢2 400	D
Rubber	10% Other Observation, Extent : Moderate, 1	2033 Area Affected:		4-3	\$2,400	В
	Location : Isolated At Hardware	neu nyjetieu.	/0/0			
	Explanation : Corrosion Of Attachmen	nt Hardware				
No Component	90%					D
No Component	<b>7</b> U70					<u> </u>

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

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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 HIGH-LEVEL DECK (WHARF) W/RIPRAP & TIMBER DOLPHINS. PIER

Piers	Current Repair	Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est FY	imated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fender						
Wales and Chocks						
Steel	15% Now \$65,600	2039	* *	3-5	\$4,600	В
	Buckling, Extent: Severe, Area Affected	d : 10%				
	Location: At Impact Location South	-				
	Corrosion, Extent : Severe, Area Affect	ed : 100%				
	Location : Throughout					
No Component	85%					D
Pile Cluster						
Timber	60%	2025	* *	4-10	\$287,300	C
	Worn, Extent : Light, Area Affected : 50					
	Location : Throughout Above Mlw El					
	Other Observation, Extent : Moderate,	Area Affected	: 33%			
	Location: Throughout Tidal Zone					
	Explanation: Corrosion Of Cable Wr					
Timber	20% 4+ \$32,000	2025	* *	4	\$12,500	C
	Rotting/Splitting, Extent : Severe, Area	00				
	Location : Isolated At Timber Located					
	Other Observation, Extent : Severe, Are		23%			
	Location: At Bottom Cable Wraps, In					
	Explanation: Corrosion Of Cable Wi	raps				
No Component	20%					D
Deck Elements						
Railing	00/ 4 000	2022	Φ20.100			ъ
Steel	3% 4+ \$6,000	2022	\$30,100			В
	Corrosion, Extent: Light, Area Affected	1: 100%				
	Location: At North End Of Asset	Affactad . 100	00/			
	Missing Coating, Extent: Severe, Area Location: At Station 11+00 To 11+3					
Steel	97%	2022	\$972,100			В
	Missing Coating, Extent: Light, Area A		_			
G : (G 1	Location: Throughout Southern 1100	reet Of Asset	<i>T</i>			
Coping/Curb	50/ 41 010.000	LIDE	* *			D
Concrete	5% 4+ \$10,800	LIFE				В
	Exposed Reinforcement, Extent : Mode Location : At Roadside Of Parapet, 1.			d Othar		
	Spalling, Extent : Moderate, Area Affec		н лни Ізониве	ı Oinei		
	Location : At Roadside Of Parapet, Si		50.2+00 (from	South A	nd Isolated	
	Other	<i>anons</i> 1⊤50 1	0 2 100 (JIOIII	зошну А	na isomea	
Concrete	95%	LIFE	* *			В
Concrete	Cracking, Extent : Light, Area Affected					
	Location : At Roadside And Riverside					

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers		\$120,400
Total		\$120,400
Priority A		\$120,400
Total		\$120,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$27,200	\$21,200		
Total	\$27,200	\$21,200		
Priority B	\$27,200	\$21,200		
Total	\$27,200	\$21,200		



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 NAVY HOME PORT PIER 1 CONCRETE PIER

Piers		Current R	lepair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Deck								
Concrete	60%			LIFE	* *	5	\$120,400	A
Not Accessible	40%							D
Piles and Bracing								
Not Accessible	100%							D
Fender								
Buffer								
Rubber	5%	Now	\$13,600	2037	* *	4-5	\$2,000	В
	Broken, Ex	tent : Mod	erate, Area Affecte	d: 100%	ó			
	Location	: South Ins	shore Side					
Rubber	95%			2031	* *	4-5	\$67,800	В
Deck Elements								
Railing								
Fencing	20%			2023		3		В
No Component	80%							D
Coping/Curb								
Concrete	1%	4+	\$5,100	LIFE	* *			В
	Spalling, E	xtent : Ligi	ht, Area Affected :	100%				
	Location	: Through	out					
Concrete	99%			LIFE	* *			В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers	\$39,700	\$156,600
Total	\$39,700	\$156,600
Priority A		\$116,900
Priority C	\$39,700	\$39,700
Total	\$39,700	\$156,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers		\$38,300		
Total		\$38,300		
Priority A Priority B Priority C		\$38,300		
Total		\$38,300		



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

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

### 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	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Deck Concrete	200/	LIEE	* *	5	\$22.500	Δ.
Not Accessible	20% 80%	LIFE		5	\$33,500	A D
Deck Surface	00/0					
Asphalt	80%	2032	* *	5	\$79,500	C
•	Cracking, Extent: Light, Area Affected	: 2%				
	Location: Isolated Throughout					
	Settlement, Extent : Light, Area Affected	d : 2%				
	Location : Isolated On South Side					
Not Accessible	20%					D
Firewalls	700/	LIEE	* *	_	¢7 100	C
Concrete Not Accessible	70% 30%	LIFE	* *	5	\$7,100	C
Pile Caps	30%					D
Concrete	100%	LIFE	* *	5	\$6,100	A
Concrete	Cracking, Extent : Light, Area Affected			3	ψ0,100	11
	Location : Throughout					
	Spalling, Extent: Light, Area Affected:	5%				
	Location: Random					
	Other Observation, Extent : Light, Area	ı Affected	! : 30%			
	Location: Throughout					
D'1 1 D '	Explanation : Efflorescence					
Piles and Bracing Timber	40%	LIFE	* *	4-5	\$161,300	A
Not Accessible	60%	LIIL		4-3	\$101,500	D
Fender	3070					
Wales and Chocks						
Timber	100%	2032	* *	4	\$96,900	В
	Cracking, Extent: Light, Area Affected	: 5%				
	Location:					
Piles	100				<b>4. -</b> 000	_
Timber	40%	2032	* *	4	\$17,900	В
	Worn, Extent : Light, Area Affected : 59 Location :	<b>0</b>				
Not Appeallel						D.
Not Accessible Deck Elements	60%					D
Railing						
Fencing	100%	2024		3		В
Coping/Curb						
Concrete	100%	LIFE	* *			В
	Cracking, Extent: Light, Area Affected	: 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.

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers	\$463,600	\$88,000
Total	\$463,600	\$88,000
Priority A	\$310,500	\$88,000
Priority B	\$153,100	
Total	\$463,600	\$88,000

Total	\$100,500		\$2,400	\$1,300
Priority B	\$100,500		\$2,400	\$1,300
Priority A				
Total	\$100,500		\$2,400	\$1,300
Piers	\$100,500		\$2,400	\$1,300
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 PIER 10 AND BORDERING WHARVES

Piers	Current Repair	Future Replacem	ent	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated FY	Cost Cyc	le Estimated Cost	Priority Code
Structural					
Deck	<b>7</b> 00/		** 5	<b>4.2.400</b>	
Concrete	50%	LIFE	** 5	\$43,400	A
	Cracking, Extent : Light, Area Affecte Location : Throughout Top Of Deck				
	Surface Wearing/Scaling, Extent: Lig	=			
	Location : Along Offshore Crane Ra				
Concrete	10% 4+ \$310,500		** 5	\$8,700	A
	Exposed Reinforcement, Extent: Mod	erate, Area Affected : 2	%		
	Location: Throughout Surface Of O	Priginal Pier Deck (east	Wharf And	Main Pier)	
	Spalling, Extent : Moderate, Area Affe	ected : 1%			
	Location: Isolated At Underside Of	Pier Decks Sta 10+50	Along Berth	Face. Along Deck	
	Edge From Sta 13+93 To 14+05 Other Observation, Extent: Moderate	Area Affacted : 30%			
	Location : Throughout Surface Of O	. 55	Wharf And	Main Pier)	
	Explanation: Mechanical Damage/s		wiaij ilia	man rer)	
Not Accessible	40%	8			D
Piles and Bracing					
Steel	5%	LIFE	** 5	\$35,800	A
	Corrosion, Extent: Light, Area Affect	ed : 100%			
	Location : Above The Mlw Elevation	n Throughout			
	Missing Coating, Extent: Moderate, A	55			
	Location : Above The Mlw Elevation	ı Throughout			
Timber	15%	LIFE	** 4-	\$31,300	A
	Other Observation, Extent : Moderate				
	Location : Isolated At/above Mlw El	levation			
	Explanation: Cracking/spalling In C	Concrete Extension			
Not Accessible	80%				D
Fender					
Facing	50/ N	2021	** 3	<b>\$2</b> ,000	ъ
Timber	5% Now \$76,600 Broken, Extent : Severe, Area Affected		** 3	\$3,800	В
	Location : South Face Of Main Pier				
	Loose Connections, Extent: Moderate				
	Location : South Face Of Main Pier				
	Missing Part, Extent: Severe, Area A				
	Location: South Face Of Main Pier	·			
No Component	95%				D

<sup>\*\*</sup> 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 Repla	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Estim FY	nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fender						
Wales and Chocks	700/	2021	4 4	4	Ф100 100	ъ
Timber	70%	2031	* *	4	\$109,100	В
	Worn, Extent: Light, Area Affected: 3 Location: Along West Face Of Pier		Berthing/ope	rations		
Timber	5% 0-2 \$19,300		* *	4	\$5,200	В
	Missing Part, Extent : Severe, Area A <u>f</u> Location : Isolated Throughout	ffected : 20%				
	Worn, Extent : Moderate, Area Affecte	ed : 50%				
	Location: Isolated Along West Face	e Of Pier In Area (	Of Ship Berti	hing/ope	rations	
	Other Observation, Extent: Severe, A.					
	Location: Isolated Along West Face	e Of Pier In Area (	Of Ship Berti	hing/ope	rations	
	Explanation: Impact Damage					
No Component	25%					D
Piles	100/	2025	* *	4	¢4.000	D
Timber	10%	2025	* *	4	\$4,800	В
	Worn, Extent: Light, Area Affected: 8		OCD: I	1 O.C	C1. :	
	Location: Above The Mlw Elevation Berthing/operations Often With Expe	osed Hardware		Area Of		
Timber	5% 2-4 \$76,500		* *	4	\$2,400	В
	Broken, Extent : Severe, Area Affected					
	Location : Along West Face Of Pier		_			
	Loose Connections, Extent: Severe, A					
	Location: Fender Cluster At Southw			ctions		
	Other Observation, Extent : Severe, A Location : Above Waterline Isolated			Area Of S	Ship	
	Berthing/operations  Explanation - Impact Damage					
N. C.	Explanation : Impact Damage					
No Component	25%					D
Not Accessible	60%					D
eck Elements Coping/Curb						
Concrete	15%	LIFE	* *			В
Concrete	5% Now \$22,100		* *			В
Concrete	Broken, Extent : Severe, Area Affected					Ь
	Location: At Stations 4+90, 8+30, 9		r Of Pior 11	And At	Southwest	
	Corner Of Pier	7+34 From Corne	i Oj i tei 11,	, Ани Аі	Southwest	
Timber	20% Now \$22,700	) LIFE	* *			В
Timber	Broken, Extent : Severe, Area Affected					Ъ
	Location : Throughout West Face O					
	Missing Part, Extent: Severe, Area Af	,				
	Location : Throughout West Face O	-				
m: 1			* *			
Timber	35%	LIFE	* *			В
	D w /G from D · · · · · · · ·	ACC , 1 200/				
	Rotting/Splitting, Extent : Light, Area					
	Rotting/Splitting, Extent: Light, Area Location: Throughout West Face Of 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.

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers	\$765,100	\$313,800
Total	\$765,100	\$313,800
Priority A	\$51,300	\$313,800
Priority B	\$713,800	
Total	\$765,100	\$313,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$18,100	\$15,100		
Total	\$18,100	\$15,100		
Priority A	\$12,100			
Priority B	\$6,000	\$15,100		
Total	\$18,100	\$15,100		



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

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

### 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
Structural 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	\$68,200	A
Concrete	1% 2-4 \$51,300 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+	\$3,600 00, And 19+20	A
Not Accessible	80%					D
Pile Caps Concrete	14% Cracking, Extent : Light, Area Affecte Location : Throughout	LIFE d : 100%	**	5	\$1,800	A
Concrete	1% 2-4 \$12,100 Spalling, Extent: Severe, Area Affecte Location: Station 18+20 To 19+00,	ed : 1%	* * lling In Face Of I	5 Pier Sout	\$100 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	\$148,100 \$129,500	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	\$48,400	В
Facing Concrete	100%	LIFE	* *			В
Wales and Chocks Timber	50% Now \$163,100 Broken, Extent : Severe, Area Affected Location : East And North Sides; Sta	d: 100%	* * To 10+15	4	\$43,800	В
Timber	50% 4+ \$163,100 Rotting/Splitting, Extent: Moderate, A Location: West Face; Station 10+1.	Area Affected	* * 1 : 50%	4	\$43,800	В

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

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

### DEPT. OF SMALL BUSINESS SERV. - 801 PIER 12

Piers	Curr	ent Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail I Total (Yea	Date Estimated Cost ars)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fender							
Piles							
Timber	15% 4+	\$193,800	2037	* *	4	\$6,100	В
	Broken, Extent:	Light, Area Affected:	50%				
	Location: Wes	st Face; Station 10+15	To 19+15	5			
Timber	15% No	w \$193,800	2037	* *	4	\$6,100	В
	Broken, Extent:	Severe, Area Affected	100%			,	
	Location: Eas	t And North Sides; Stat	ion 0+00	To 10+15			
Not Accessible	70%						D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers	\$520,100	\$816,900
Total	\$520,100	\$816,900
Priority A	\$104,400	
Priority B	\$207,900	\$766,500
Priority C	\$207,800	\$50,400
Total	\$520,100	\$816,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$206,300		\$21,300	\$400
Total	\$206,300		\$21,300	\$400
Priority A	\$164,000			
Priority B	\$38,000		\$21,300	\$400
Priority C	\$4,300			
Total	\$206,300		\$21,300	\$400



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 PIER 16, EAST RIVER

Asset #: 1769

ers	Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
uctural							•
Deck							
Concrete	53%		LIFE	* *	5	\$65,800	Α
Concrete	2% Now	\$13,300	LIFE	* *	5	\$1,200	Α
	Corrosion of Reinford			ea Affected : 10%			
	Location : Corrode						
	Spalling, Extent: Mo						
	Location : Deck Soy	fit Between Bents	18 - 20 A	nd 48-49			
Not Accessible	45%						D
Deck Surface							
Timber	75%		2033	* *	5	\$100,700	C
Timber	10% 2-4	\$101,100	2039	* *	5	\$6,700	C
	Cracking, Extent : Li Location : Through		: 60%				
	Surface Wearing/Sca	ling, Extent : Light	, Area At	fected : 100%			
	Location : Through			,			
Not Accessible	5%						D
1 vot 1 teeessioie	Other Observation, E	xtent : Light, Area	Affected	: 0%			D
	Location:	,	33				
	Explanation: Unde	r Cafe And Under	Museum				
Under Construction	10%						D
Firewalls							
Concrete	8%		LIFE	* *	5-10	\$600	C
Concrete	2% Now	\$4,000	LIFE	* *	5	\$100	C
	Spalling, Extent: Sev	ere, Area Affected	: 5%				
	Location: Typical A	Along Bottom Edge	Within T	Tidal Zone			
No Component	90%						D
Pile Caps							
Concrete	10% 4+	\$104,400	LIFE	* *	5	\$200	Α
	Erosion, Extent : Mod		ed : 50%				
	Location: Through	out Within Tidal Z	one				
	Spalling, Extent : Mo	derate, Area Affec	ted : 5%				
	Location : Isolated	Throughout					
Timber	90%		LIFE	* *	4	\$353,300	A
11111001	Rotting/Splitting, Ext	ent : Light, Area A		5%	·	4222,200	
	Location : Isolated		J				
Piles and Bracing							
Not Accessible	100%						D
	Other Observation, E	xtent : Light, Area	Affected	: 0%			-
	Location:	<u>.</u>					
	Explanation : 80 Pe	rcent Encased: 20	Percent	Wrapped			

Fender

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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 PIER 16, EAST RIVER

Asset #: 1769

Piers	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fender					
Buffer Rubber	5% Now \$5,000	) 2039 **	4-5	\$700	В
Kubbel	Missing Part, Extent : Severe, Area A		4-3	\$700	Б
	Location : East End Of Pier On Fer	-			
Rubber	5%	2033 **	4-5	\$1,100	В
No Component	90%			+-,	D
Wales and Chocks					
Timber	90%	2033 **	4	\$42,300	В
	Rotting/Splitting, Extent : Light, Area Location : Throughout	Affected: 20%			
Timber	10% Now \$21,900	) 2039 **	4	\$4,700	В
Timber	Rotting/Splitting, Extent : Severe, Are		4	54,700	D
	Location : Above Mhw Throughout				
Piles					
Timber	20% Now \$138,600	2039 **	4	\$4,300	В
	Broken, Extent : Severe, Area Affected	d:100%			
	Location: Throughout				
Timber	10% 2-4 \$69,300		4	\$2,200	В
	Rotting/Splitting, Extent : Severe, Are	ea Affected : 25%			
	Location: Throughout	. 200/			
	Worn, Extent : Severe, Area Affected Location : Above Mlw Throughout	. 30%			
Timber	20%	2027 **	4	\$6,500	В
	Worn, Extent : Moderate, Area Affect	ed : 25%			
	Location : In Tidal Zone				
Not Accessible	50%				D
Pile Cluster					
Timber	60% Now \$56,400		4	\$2,200	C
	Broken, Extent : Severe, Area Affected Location : Two Clusters At East End				
Not Appeallel		a Oj 1 ier			
Not Accessible Deck Elements	40%				D
Railing					
Steel	5% 4+ \$9,000	2024 \$45,100			В
	Displaced Elements, Extent : Light, A				
	Location: Isolated Throughout Imp	act Damage			
	Loose Connections, Extent: Moderate	==			
	Location: Throughout At Bolted Co	nnections With Timber Deck			
Steel	80%	2022 \$721,400			В
	Other Observation, Extent : Light, Ar	ea Affected : 20%			
	Location: Throughout				
N. C	Explanation: Paint Loss And Rustin	ıg			
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.

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers	\$127,500	\$111,800
Total	\$127,500	\$111,800
Priority A	\$127,500	\$111,800
Total	\$127,500	\$111,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$45,900	\$5,600		\$1,800
Total	\$45,900	\$5,600		\$1,800
Priority A	\$13,700			
Priority B	\$32,300	\$5,600		\$1,800
Total	\$45,900	\$5,600		\$1,800



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

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

### DEPT. OF SMALL BUSINESS SERV. - 801 PIER 35

Asset #: 1770

Piers	Current Repair	Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Esti	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Deck	0.90/	LIEE	* *	_	¢41_400	<b>A</b>
Concrete	98% Cracking Extent Light Area Affects	LIFE	4. 4.	5	\$41,400	Α
	Cracking, Extent : Light, Area Affecte Location : Minor Shrinkage Crackin		Of Dock And	On Ton	Of Dock	
	Spalling, Extent : Light, Area Affected	0	Of Deck IIIu	On Top	OJ Deek	
	Location : Isolated At Underside Of		lanks			
Concrete	2% 4+ \$3,000		* *	5	\$800	A
Concrete	Broken, Extent : Moderate, Area Affe			5	φοσο	7.1
	Location : Along Edge Of Concrete		rside Of Edge	e Beam		
Pile Caps						
Concrete	5% 4+ \$10,600	) LIFE	* *	5	\$100	A
	Spalling, Extent: Light, Area Affected					
	Location : Isolated At Bottom Edges	And Along Pile	Cap Faces			
Concrete	75%	LIFE	* *	5	\$1,100	A
	Cracking, Extent: Light, Area Affecte	ed: 20%				
	Location: Throughout					
Not Accessible	20%					D
Piles and Bracing						
Steel	20% 4+ \$127,500		* *	5	\$69,600	A
	Corrosion, Extent : Light, Area Affect	ed : 10%				
	Location: Above Mean Low Water	4 A A CC 4 - A	. 50/			
	Damaged Conc. Jacket, Extent : Ligh Location : Above Mean Low Water	i, Area Affectea	: 5%			
Not Accessible	80%					D
Fender	80%					D
Buffer						
Rubber	59%	2028	* *	4-5	\$5,800	В
Rubber	1% Now \$400		* *	4-5	\$100	В
	Broken, Extent : Severe, Area Affected	d: 100%				
	Location: Near South Eastern Corn	er				
No Component	40%					D
Wales and Chocks						
Timber	55%	2028	* *	4	\$14,700	В
Timber	5% Now \$8,300		* *	4	\$900	В
	Loose Connections, Extent : Moderate	e, Area Affected	: 35%			
	Location: Southeast Corner					
	Missing Part, Extent: Severe, Area A	ffected: 35%				
	Location : Southwest Corner					
No Component	40%					D
Piles	200/ 4:	2029	* *	4	<b>00.500</b>	D
Timber	30% 4+ \$23,600 Worn, Extent : Light, Area Affected :		* *	4	\$2,500	В
	Worn, Extent : Ligni, Area Affectea : Location :	10/0				
No Commonant						D
No Component Not Accessible	40%					D
NOT Accessible	30%					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.

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers	\$1,679,400	\$1,795,100
Total	\$1,679,400	\$1,795,100
Priority A	\$1,679,400	\$1,795,100
Total	\$1,679,400	\$1,795,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers		\$31,700	\$31,500	
Total		\$31,700	\$31,500	
Priority A				
Priority B		\$31,700	\$8,300	
Priority C			\$23,200	
Total		\$31,700	\$31,500	



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

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

### DEPT. OF SMALL BUSINESS SERV. - 801 PIER 36

Piers	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
tructural						
Deck	500/	LIPE	* *	~	Φ <b>2</b> <1.100	
Concrete	50% Cracking, Extent : Moderate, A Location : Throughout	LIFE rea Affected : 5%	* *	5	\$261,100	A
	Spalling, Extent : Light, Area A Location : Throughout And Ai	· <del>-</del>	de And Outside O	f Buildin	g	
	Surface Wearing/Scaling, Exten Location : Inside Shed And Tr		a Affected : 10%			
	Other Observation, Extent : Lig Location : Throughout	ht, Area Affected :	5%			
	Explanation: Delamination					
Concrete	5% 4+ \$4 Spalling, Extent : Severe, Area Location : At Edge Beam And		* *	5	\$26,100	A
Not Accessible	25%					D
Under Construction	20%					D
Deck Surface						
Asphalt	15%	2032	* *	5	\$46,400	C
	Cracking, Extent : Light, Area	Affected : 2%				
	Location: Throughout					
No Component	40%					D
Not Accessible	25%					D
<b>Under Construction</b>	20%					D
Pile Caps						
Concrete	65% Cracking, Extent : Light, Area A Location : Throughout Spalling, Extent : Light, Area A		* *	5	\$12,300	A
	Location : Throughout					
Concrete	Cracking, Extent : Moderate, A Location : Throughout Along	North And South I	Faces	5	\$6,600	A
	Discolor & Bleeding, Extent: M Location: At Bottom Of Pile ( Spalling, Extent: Moderate, Ar	Caps Throughout	ected : 25%			
	Location : At Bottom Of Pile (					

### DEPT. OF SMALL BUSINESS SERV. - 801 PIER 36

Piers	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	ate Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Piles and Bracing							
Steel	28%		LIFE	* *	5	\$1,206,300	A
		: Light, Area Affected	: 2%				
	Location : Splas		A A CC	. 1 200/			
	Recent Replace Ex Location : South	vident, Extent : Light, End Of Pier	Area Affe	ected : 20%			
Steel	2% Now	\$315,700	LIFE	* *	5	\$86,200	A
		: Severe, Area Affecte					
	Location : Splas	h Zone And Near Mea	n Low W	'ater			
Steel	5% 4+	\$394,600	LIFE	* *	5	\$215,400	A
	Corrosion, Extent	: Moderate, Area Affe	ected : 30	0%			
	Location : Splas	h Zone And Near Mea	n Low W	'ater			
Not Accessible	65%						D
Fender							
Buffer							
Rubber	80%		2032	* *	4-5	\$26,700	В
No Component	20%						D
Wales and Chocks							
Timber	80%		2032	* *	4	\$72,500	В
No Component	20%						D
Piles	2004		2022	* *		<b>412 500</b>	
Timber	30%	F C	2032		4	\$12,600	В
	Location: At No	·	00	ea : 1%			
	Worn, Extent : Lig Location : Tidal	ght, Area Affected : 5% Zone	ó				
	Other Observation	n, Extent : Moderate, A	Area Affe	cted : 75%			
	Location : Throi	ıghout					
	Explanation : Co	orrosion Of Chain					
No Component	20%						D
Not Accessible	50%						D
Deck Elements							
Railing							
Steel	80%		2021				В
No Component	20%						D

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers	\$564,400	\$2,857,400
Total	\$564,400	\$2,857,400
Priority A	\$350,700	\$350,700
Priority B	\$159,100	\$2,452,100
Priority C	\$54,600	\$54,600
Total	\$564,400	\$2,857,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$11,400		\$11,200	\$300
Total	\$11,400		\$11,200	\$300
Priority A	\$10,700			
Priority B	\$600		\$11,200	\$300
Total	\$11,400		\$11,200	\$300



<sup>\*\*</sup> 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	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
tructural	•	•				
Deck						
Concrete	50%	LIFE	* *	5	\$297,300	A
	Discolor & Bleeding, Exter					
	Location: Efflorescence		Caps			
	Spalling, Extent: Light, Ar		• ,			
	Location : Deck Soffit Ale	ong Isolated Plank Joi	ents			
Not Accessible	50%					D
	Other Observation, Extent	: Light, Area Affected	: 0%			
	Location:	T				
D 1 C C	Explanation : Due To Co.	ncrete Topping Surfac	ce			
Deck Surface Concrete	100%	2033	* *	5	\$100,200	C
Concrete	Cracking, Extent : Light, A		4. 4.	3	\$109,200	C
	Location : Along Centerli		valent At Offshore	Fnd		
Pile Caps	Location . Mong Centerti	ne of ther. More the	vaieni 11i Ojjsnore	Lnu		
Concrete	100%	LIFE	* *	5	\$21,500	Α
Concrete	Spalling, Extent : Light, Ar			3	Ψ21,300	71
	Location : Isolated Outbo					
Piles and Bracing						
Concrete	40%	LIFE	* *	5	\$404,100	A
Not Accessible	60%				,	D
	Other Observation, Extent	: Light, Area Affected	: 0%			
	Location:					
	Explanation: Below Water	er Surface				
ender						
Wales and Chocks						
Timber	15%	2033	* *	4	\$18,400	В
Timber	2% Now	\$13,700 2039	* *	4	\$2,500	В
	Broken, Extent : Severe, Ar					
	Location : Isolated Throu	=	1 500/			
	Displaced Elements, Extendation: Isolated Throu		ea : 50%			
			di di		<b></b>	
Timber	5% 4+	\$22,800 2037	* *	4	\$6,100	В
	Cracking, Extent: Moderat		<b>70</b>			
	Location : Isolated Throu	gnout				
No Component	78%					D

<sup>\*\*</sup> 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 Estimated Cos Total (Years)	st Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	Estimated Cost	Priority Code
Fender						
Piles						
Steel	2% 4+ \$600		* *	3-5	\$10,000	В
	Corrosion, Extent : Light, Area Affect					
	Location : Throughout Tidal And Sp	olash Zone				
Timber	7%	2033	* *	4	\$4,000	В
	Broken, Extent: Light, Area Affected	: 1%				
	Location : One Broken Pile Center		`ace			
	Rotting/Splitting, Extent : Light, Area	Affected:	5%			
	Location : Throughout					
No Component	76%					D
Not Accessible	15%					D
	Other Observation, Extent : Light, Ar	ea Affectea	l : 0%			
	Location:					
	Explanation: Below Water Surface					
Deck Elements						
Railing						
Steel	100% 4+ \$122,600	2023	\$2,452,100			В
	Other Observation, Extent : Light, Ar	ea Affectea	l : 25%			
	Location: Typical Throughout					
	Explanation: Coating Loss. No Co	rrosion				

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers	\$138,600	\$75,600
Total	\$138,600	\$75,600
Priority A	\$138,600	\$75,600
Total	\$138,600	\$75,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers		\$300	\$700	
Total		\$300	\$700	
Priority A				
Priority B		\$300	\$700	
Total		\$300	\$700	



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 PIER 42

Piers		Current Rep	air	Future Replacement		acement Maintenance			
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Structural									
Deck									
Concrete	10%			LIFE	* *	5	\$18,300	A	
	9	earing/Scalin : Throughou	g, Extent : Light t East Apron	, Area Aj	ffected : 10%				
Not Accessible	90%							D	
Pile Caps									
Concrete	100%			LIFE	* *	5	\$6,600	A	
Piles and Bracing									
Concrete Encased Steel	30%			LIFE	* *			A	
Steel	5%	4+	\$138,600	LIFE	* *	5	\$75,600	A	
	Corrosion	Extent : Mod	lerate, Area Affe	ected : 30	0%				
	Location	: Above Mea	n Low Water						
Not Accessible	65%							D	
Fender									
Buffer									
Rubber	10%			2032	* *	4-5	\$2,200	В	
No Component	90%							D	

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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**

**Total** 

Priority

**Total** 

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers		\$1,400	\$4,700	
Total		\$1,400	\$4,700	
Priority A				
Priority C		\$1,400	\$4,700	
Total		\$1,400	\$4,700	



<sup>\*\*</sup> 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 l	Repair	Future Replacement		cement Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Structural									
Deck									
Concrete	10%			LIFE	* *	5	\$7,300	Α	
Not Accessible	90%							D	
Deck Surface									
Concrete	35%			2032	* *	5	\$9,400	C	
Topsoil	5%			2021	\$18,500	5	\$2,800	C	
Not Accessible	60%							D	
Pile Caps									
Concrete	30%			LIFE	* *	5	\$800	A	
	Cracking,	Extent: M	oderate, Area Affec	ted : 159	%				
	Location	ı : Through	out And Southwest	Corner (	Of Pier				
	Spalling, 1	Extent : Mo	oderate, Area Affect	ed : 10%	ó				
	Location	ı : Through	out And Southwest	Corner (	Of Pier				
Not Accessible	70%							D	
Piles and Bracing									
Concrete Encased Steel	10%			LIFE	* *			A	
Steel	5%			LIFE	* *	5	\$30,200	A	
	Other Obs	servation, E	Extent : Light, Area	Affected	: 5%				
	Location	ı : Splash Z	Lone .						
	Explana	tion : H- P	ile, Corrosion						
Not Accessible	85%							D	
Deck Elements									
Railing									
Steel	70%			2021				В	
No Component	30%							D	

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 225,750 Project Type : ECONOMIC DEVELOPMENT

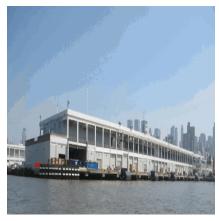
Date of Survey : 02-Apr-2009 Landmark Status : NONE

Areas Surveyed :

Block : 1107 Lot : 12 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Piers	\$526,500	\$2,045,100
Total	\$526,500	\$2,045,100
Priority A	\$95,800	\$1,359,500
Priority B	\$56,800	\$685,600
Priority C	\$373,800	
Total	\$526,500	\$2,045,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$2,100		\$1,200	\$2,100
Total	\$2,100		\$1,200	\$2,100
Priority A				
Priority B	\$2,100		\$1,200	\$2,100
Total	\$2,100		\$1,200	\$2,100



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 PIER 88 PASSENGER SHIP TERM.

Asset #: 13486

Piers	Current Repair	Future Replacement		Future Replacement Maintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	year Es	stimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural	•					
Deck Concrete	40%	LIFE	* *	5	\$137,700	Α
Concrete	Cracking, Extent : Light, Area Affecte Location : Hairline Thermal Map C	ed : 100%	f Exposed Deck		\$137,700	Α
Concrete	25% Other Observation, Extent: Moderate Location: Interior Deck Soffit Explanation: Currently Being Reha		* * d : 60%	5	\$86,000	A
Not Accessible	35%					D
Deck Surface Asphalt Pavers	40% 4+ \$373,800 Worn, Extent: Light, Area Affected: Location: Throughout		* *			С
No Component	40%					D
Not Accessible	20%					D
Pile Caps Timber	45% 4+ \$95,800 Rotting/Splitting, Extent: Light, Area Location: Isolated Areas Througho	Affected: 2%		4	\$653,100	A
No Component	15%					D
Under Construction	40%					D
Piles and Bracing						
Steel	40%	LIFE	* *	5	\$1,135,800	A
No Component	15%					D
Under Construction	45%					D
Fender						
Buffer Pneumatic Fenders	100%	2019	\$628,700			В
Wales and Chocks	100%	2019	\$028,700			Б
Rubber	5%	2033	* *	10		В
No Component	95%	2033		10		D
Piles	3670					
Steel	15%	2033	* *	3-5	\$122,100	В
	Other Observation, Extent : Light, Art Location : Adjacent To Floating Fer Explanation : Like-new		00%			
Timber	5%	2033	* *	4	\$2,400	В
No Component	80%					D
Deck Elements						
Coping/Curb						
Concrete	5%	LIFE	* *			В
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.

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 02-Apr-2009 Landmark Status : NONE

Areas Surveyed :

Block : 1109 Lot : 21 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Piers	\$1,579,900	\$38,500
Total	\$1,579,900	\$38,500
Priority A	\$446,700	
Priority B	\$1,019,700	
Priority C	\$113,600	\$38,500
Total	\$1,579,900	\$38,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers			\$3,400	\$6,000
Total			\$3,400	\$6,000
Priority A				
Priority B			\$3,400	\$6,000
Total			\$3,400	\$6,000



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

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

## 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 C Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural					
Deck	100/ 2.4 \$21.4.5	00 LIEE **	_	\$20,000	<b>A</b>
Concrete	10% 2-4 \$214,5 Cracking, Extent: Moderate, Area Location: Periodic Throughout A Spalling, Extent: Light, Area Affect Location: Isolated Locations In C Surface Wearing/Scaling, Extent: L Location: Periodic Throughout A	Affected : 25% Nong Pier Perimeter ted : 5% Outboard Corner Along Pier Pe Moderate, Area Affected : 80%	5 rimeter	\$20,000	A
Not Accessible	40%				D
Under Construction	50% Other Observation, Extent: Light, Location: Throughout Explanation: Multiple Spray-on O				D
Deck Surface					
Asphalt	65% 2-4 \$113,6 Other Observation, Extent: Modera Location: Periodic Throughout Explanation: Isolated Gouges		5	\$38,500	С
No Component	15%				D
Not Accessible	20%				D
Pile Caps Timber	75% 4+ \$232,2 Rotting/Splitting, Extent : Light, Ar- Location : Periodic Throughout		4	\$632,800	A
No Component	25%				D
Piles and Bracing	2070				
No Component	25%				D
Not Accessible	50%				D
Under Construction	25%				D
Fender					
Facing Timber	25% 0-2 \$304,5 Other Observation, Extent: Severe, Location: Along Concrete Bulkhe Explanation: Impact Damage, M.	, Area Affected : 60% ead	3	\$18,000	В
No Component		issuig Components, Deteriorate	и		D
No Component Wales and Chocks	75%				ע
Wales and Chocks Timber	75% 2-4 \$276,7 Displaced Elements, Extent: Severe Location: Isolated Along Pier Pe Rotting/Splitting, Extent: Moderate Location: Typical Along Pier Per	e, Area Affected : 5% rimeter e, Area Affected : 40%	4	\$74,400	В
No Component	25%				D
140 Component	<i>437</i> 0				ע

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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 PIER 90 PASSENGER SHIP TERM.

Piers	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fender							
Piles							
Timber	10% 0-2 Broken, Extent: Severe Location: Isolated Lo Loose Connections, Ex Location: Periodic T Rotting/Splitting, Exten Location: Top / Piles Worn, Extent: Modera Location: Periodic T	ocations Through tent: Moderate, A hroughout at: Moderate, Are ; Periodic Throug te, Area Affected:	out rea Affe a Affect ghout		4	\$4,600	В
Timber	20% 4+ Rotting/Splitting, Exten Location: Top Of Pil Worn, Extent: Modera Location: Typical Po	e; Periodic Throu te, Area Affected :	ghout 75%	* * ed : 15%	4	\$9,200	В
Timber	15%		2033	* *	4	\$6,900	В
No Component	25%					, ,	D
Not Accessible	30%						D

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 06-Apr-2009 Landmark Status : NONE

Areas Surveyed :

Block : 1109 Lot : 30 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Piers	\$2,608,000	\$132,600
Total	\$2,608,000	\$132,600
Priority A	\$1,373,500	\$132,600
Priority B	\$1,234,600	
Total	\$2,608,000	\$132,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers				\$4,500
Total				\$4,500
Priority A				
Priority B				\$4,500
Total				\$4,500



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 PIER 92 PASSENGER SHIP TERM.

Piers	Current R	epair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural	•						
Deck							
Concrete	10% 4+	\$152,000	LIFE	* *	5	\$14,200	A
	Cracking, Extent: Mo		ted : 60%	6			
	Location : Around I	=					
	Spalling, Extent: Mod	==	ed : 10%				
	Location : Around I	Perimeter Apron					
Concrete	40% 4+	\$810,400	LIFE	* *	5	\$56,700	A
	Surface Wearing/Scal						
	Location: Typical T	hroughout Interio	r Top Of	Deck			
Not Accessible	35%						D
Not Accessible	15%						D
Pile Caps							
Timber	75% 4+	\$65,800	LIFE	* *	4	\$448,400	Α
	Rotting/Splitting, Exte		fected : 5	5%			
	Location : Typical T	Throughout					
No Component	25%						D
Piles and Bracing							
Timber	25% 4+	\$345,200	LIFE	* *	4-5	\$85,200	A
	Rotting/Splitting, Exte	ent : Light, Area Aj	fected : I	10%			
	Location : Isolated I	At Fasteners					
No Component	25%						D
Not Accessible	50%						D
Fender							
Facing							
Timber	25% 2-4	\$274,800	2029	* *	3	\$13,500	В
	Broken, Extent : Seve						
	Location : Along Ins	shore Perimeter At	Bulkhea	d			
No Component	75%						D
Wales and Chocks							
Timber	75% Now	\$520,100	2035	* *	4	\$55,900	В
	Broken, Extent : Seve		60%				
	Location: Typical T	_					
	Worn, Extent : Severe		5%				
	Location : Typical T	Throughout					
No Component	25%						D

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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 PIER 92 PASSENGER SHIP TERM.

Piers	Current Repair	Future Replacement	N	laintenance				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code			
Fender								
Piles								
Timber	30% 2-4 \$329,800	2029 *	* 4	\$10,300	В			
	Rotting/Splitting, Extent : Light, Area A	ffected : 10%						
	Location: Typical Throughout							
Timber	10% 0-2 \$109,900	2035 *	* 4	\$3,400	В			
	Broken, Extent : Severe, Area Affected :	Broken, Extent : Severe, Area Affected : 15%						
	Location : Isolated Throughout							
	Rotting/Splitting, Extent: Moderate, Area Affected: 25%							
	Location : Periodic Throughout							
	Worn, Extent : Moderate, Area Affected : 30%							
	Location : Abrasion Positioned Within	ı Tidal Zone						
No Component	25%				D			
Not Accessible	35%				D			

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers	\$1,929,200	\$279,800
Total	\$1,929,200	\$279,800
Priority A	\$427,000	\$279,800
Priority B	\$1,502,200	
Total	\$1,929,200	\$279,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$33,700			\$1,800
Total	\$33,700			\$1,800
Priority A	\$33,700			
Priority B				\$1,800
Total	\$33,700			\$1,800



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 PIER 94 PIERS 92/94 LLC

Asset #: 13489

Piers	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin FY	nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Deck Concrete	75%	LIFE	* *	5	\$279,300	A
Not Accessible	25%	LIFE		3	\$279,300	D
Pile Caps	2370					
Concrete	5% 4+ \$31,300	LIFE	* *	5	\$300	A
	Cracking, Extent : Moderate, Area Affec	ted : 10%				
	Location : Throughout					
	Spalling, Extent : Moderate, Area Affect	ed : 10%				
	Location: Throughout					
Concrete	35%	LIFE	* *	5	\$4,700	A
Not Accessible	60%					D
Piles and Bracing	150/	LIEE	* *	5	\$04,000	
Concrete	15% Other Observation, Extent : Light, Area	LIFE		5	\$94,900	Α
	Location: Throughout	Аујестей : 1007	O			
	Explanation : Encased Into Deck					
Concrete	5% 4+ \$99,200	LIFE	* *	5	\$15,800	A
Concrete	Broken, Extent : Moderate, Area Affected				Ψ12,000	11
	Location : Throughout					
	Cracking, Extent: Moderate, Area Affec	ted : 10%				
	Location: Throughout					
Steel	5% 4+ \$140,700	LIFE	* *	5	\$76,800	A
	Corrosion, Extent : Moderate, Area Affe	cted : 20%				
	Location : Throughout					
Not Accessible	75%					D
Fender						
Facing	100/ N. \$105.400	2020	* *	2	Φ <b>5</b> 500	D
Timber	10% Now \$185,400 Broken, Extent : Severe, Area Affected :	2039	* *	3	\$5,500	В
	Location: At West End	10070				
	Missing Part, Extent : Severe, Area Affec	cted : 100%				
	Location : At West End					
No Component	90%					D
Wales and Chocks						
Timber	90% Now \$315,800	2039	* *	4	\$67,900	В
	Broken, Extent: Severe, Area Affected:	100%				
	Location: Throughout					
	Missing Part, Extent: Severe, Area Affect	cted : 100%				
	Location: Throughout	1.00	,			
	Rotting/Splitting, Extent: Severe, Area A	Affected: 100%	)			
N. C	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.

<sup>\*\*</sup> 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	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fender							
Piles							
Timber	90% Now	\$1,001,000	2039	* *	4	\$31,400	В
	Broken, Extent : Se	vere, 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: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers	\$2,037,200	
Total	\$2,037,200	
Priority A	\$1,239,300	
Priority B	\$797,800	
Total	\$2,037,200	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$66,800			
Total	\$66,800			
Priority A	\$37,700			
Priority B	\$29,100			
Total	\$66,800			



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 PIER, PLATFORM

Piers	Currer	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Deck	550/ 2.4	¢ <i>657</i> 700	LIDE	* *	_	\$20.700	<b>A</b>
Concrete	Location : Throu Spalling, Extent : I Location : Throu	Moderate, Area Affec ghout	ted : 25%	6	5	\$30,700	A
	Location : Throu	caling, Extent : Mode ghout	eraie, Are	a Affectea : 25%			
Concrete	5% Now	\$49,800 ment, Extent : Severe	LIFE e, Area Af	* * fected : 50%	5	\$2,800	A
	Location: Holes	Severe, Area Affected		6			
Not Accessible	40%						D
Pile Caps							
Concrete	5% 4+ Erosion, Extent : L Location : At Ml	\$18,800 ight, Area Affected : w	LIFE 5%	* *	5	\$100	A
	Spalling, Extent : I Location : Vario	Light, Area Affected : us Locations	50%				
	Other Observation Location : Throu	, Extent : Light, Area ghout	Affected	: 100%			
		cludes Beams Spanni			•		
Timber	60% 4+ Rotting/Splitting, I Location : Throu	\$20,700 Extent : Moderate, Ar ghout	LIFE ea Affecte	* * ed : 5%	4	\$141,100	A
Timber	Location : Throu Missing Part, Exte	nt : Severe, Area Affe		**	4	\$35,300	A
	Location : Missin Rotting/Splitting, I Location : Cap E	Extent : Severe, Area	Affected :	100%			
Not Accessible	20%	iws					D
THUL ACCESSIBLE	∠U70						ע

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

## DEPT. OF SMALL BUSINESS SERV. - 801 PIER, PLATFORM

Asset #: 4110

Piers	Current Repair	Future Replacemen	t M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co FY	ost Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Piles and Bracing Concrete	20% I Erosion, Extent : Light, Area Affected : 50		** 5	\$37,900	A
	Location : Above Mlw				
	Other Observation, Extent : Light, Area Af	fected : 15%			
	Location : Northern Concrete Pile Explanation : Loose Steel Formwork				
Timber		LIFE *	* * 4-5	\$13,400	A
Timoci	Rotting/Splitting, Extent : Moderate, Area Location : Rot At Mlw And Top Of Pile		4-3	φ13,400	Α
Timber	10% Now \$271,700 I Loose Connections, Extent: Light, Area Aj Location: Bracing To Pile Connections Missing Pile, Extent: Severe, Area Affecte Location: Throughout	ffected : 100%	* 4-5	\$13,400	A
	Rotting/Splitting, Extent : Light, Area Affec Location : At Mlw	cted : 100%			
	Other Observation, Extent : Severe, Area A Location : Throughout				
Not Accessible	Explanation : Missing Or Severely Deter 60%	ioratea Bracings			D
Fender	0070				D
Wales and Chocks					
Timber	95% Now \$181,800 2 Missing Part, Extent : Severe, Area Affecte Location : Throughout	2039	** 4	\$39,100	В
Timber	5% 0-2 \$9,600 Z Loose Connections, Extent : Moderate, Ard Location : Throughout	2039	* 4	\$2,100	В
	Rotting/Splitting, Extent : Moderate, Area Location : Throughout	Affected : 100%			
Piles					
Timber	95% Now \$576,200 2 Missing Pile, Extent : Severe, Area Affecte Location : Throughout	2039	** 4	\$18,100	В
Timber	5% 4+ \$30,300 C Rotting/Splitting, Extent : Light, Area Affec Location : Throughout	2037	** 4	\$1,000	В
Deck Elements					
Coping/Curb Timber	60% I	LIFE *	: *		В
Timber			: *		В
	Loose Connections, Extent : Light, Area Aj Location : Throughout				-
	Rotting/Splitting, Extent : Severe, Area Aff Location : Throughout	ected : 10%			

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

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Piers		\$6,200		
Total		\$6,200		
Priority A				
Priority B		\$3,700		
Priority C		\$2,500		
Total		\$6,200		



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 PILE SUPPORTED PLATFORM UNDER NICKS LOBSTER BLDG

Piers	Current Repair	Future Rep	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estin	nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Structural							
Deck							
Concrete	25%	LIFE	* *	5	\$2,100	Α	
	Cracking, Extent : Light, Area Aj						
	Location: Throughout Deck So	offit .					
Not Accessible	75%					D	
	Other Observation, Extent : Ligh	t, Area Affected : 0%					
	Location : Approximately Half	Of The Deck Soffit Is	Covered Wi	th Shoter	ete		
	Explanation: Shotcrete						
Deck Surface							
Asphalt	100%	2026	* *	5	\$5,100	C	
	Cracking, Extent: Moderate, Are	ea Affected : 10%					
	Location: Throughout						
Pile Caps							
Concrete	35%	LIFE	* *	5	\$100	Α	
	Spalling, Extent : Light, Area Affected : 10%						
	Location: Isolated Throughout Pile 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 Encased. No Defects Noted In Encasements.						
	Explanation: Concrete Encase	ments					
Fender							
Wales and Chocks							
Timber	75%	2032	* *	4	\$11,000	В	
No Component	25%					D	
Deck Elements							
Railing	0.004	2021				-	
Fencing	80%	2024		3		В	
No Component	20%					D	

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers	\$300,100	
Total	\$300,100	
Priority A	\$300,100	
Total	\$300,100	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$29,100	\$14,400		
Total	\$29,100	\$14,400		
Priority A	\$14,200			
Priority B	\$14,900	\$14,400		
Total	\$29,100	\$14,400		



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 PILE SUPPORTED WHARF IN FRONT OF ASSET # 16

Piers	Current Repa	ir Futu	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Deck						
Concrete	90%	LIFE	* *	5	\$25,400	A
	Cracking, Extent: Light,	Area Affected : 10%				
	Location: Throughout					
	Spalling, Extent : Light, A					
	Location : Isolated Thro	pughout				
Not Accessible	10%					D
Pile Caps						
Concrete	70%	LIFE	* *	5	\$700	Α
Concrete	5% 4+	\$14,200 LIFE	* *	5	\$100	Α
	Spalling, Extent: Modera	==	%			
	Location: Isolated Thro	pughout				
Not Accessible	25%					D
Piles and Bracing						
Concrete	20% 0-2	\$300,100 LIFE	* *	5	\$9,600	Α
	Spalling, Extent: Severe,	==				
	Location: In Tidal Zone	, Isolated Throughout				
Not Accessible	80%					D
	Other Observation, Exten	t : Light, Area Affectea	!: 0%			
	Location:					
	Explanation: Encased	With Fiberglass Forms	Remaining			
Fender						
Wales and Chocks						
Timber	90%	2032	* *	4	\$43,100	В
Timber	2% Now	\$3,000 2038	**	4	\$600	В
	Rotting/Splitting, Extent:	==	: 100%			
	Location : Isolated Thro					
Timber	8% 2-4	\$11,900 2038	* *	4	\$2,600	В
	Rotting/Splitting, Extent:		ed : 100%			
	Location : Isolated Thro	pughout				
Deck Elements						
Coping/Curb	1000/	* *	a ·			ъ
Concrete	100%	LIFE	* *			В

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers	\$45,800	
Total	\$45,800	
Priority B	\$45,800	
Total	\$45,800	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$36,900		\$7,100	
Total	\$36,900		\$7,100	
Priority A	\$34,000			
Priority B	\$2,900		\$7,100	
Total	\$36,900		\$7,100	_



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 PLATFORM AT PIERS 15, 16 PLATFORM

Piers	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Deck	<b>500</b> /		T TEE	ماد ماد	_	Ф12.000	
Concrete Not Accessible	50% 50%		LIFE	* *	5	\$13,000	A D
Not Accessible	Other Observation, E	Extent · Lioht Area	Affected	. 0%			D
	Location : South Sic		Пуссиси	. 070			
	Explanation : Light		osion Of	Stay-in-place Stee	el Formw	ork	
Deck Surface							
Under Construction	100%						D
Pile Caps							
Timber	100%		LIFE	* *	4	\$82,400	A
Piles and Bracing	1000/						
Not Accessible	100%	Sutant Light Anga	Affect of	. 00/			D
	Other Observation, E Location : Through	=	Ајјестеа	: 0%			
	Explanation : Piles		ranned				
Fender	Explanation . Tites	The Lineased Of W	тарреа				
Wales and Chocks							
Timber	5% Now	\$2,900	2039	* *	4	\$600	В
	Broken, Extent : Seve	re, Area Affected :	100%				
	Location : Near Soi	ith End Of Wharf					
Timber	95%		2037	* *	4	\$11,800	В
	Worn, Extent: Mode		: 100%				
	Location : Typical T	Throughout					
Piles							
Timber	10% 4+	\$18,300	2039	* *	4	\$600	В
	Worn, Extent : Model			E1			
	Location: Through						
Timber	15% Now	\$27,500	2039	* *	4	\$900	В
	Broken, Extent : Seve						
	Location : Tidal Zo	ne Or At Top Conn					
Timber	40%	4 460 . 1 10	2033	* *	4	\$2,300	В
	Worn, Extent: Light,		%				
N	Location: Tidal Zo.	ne ————————————————————————————————————					- D
Not Accessible	35%						D
Deck Elements							
Railing Under Construction	100%						D
Coping/Curb	100/0						ע
Under Construction	100%						D
Chaci Construction	10070						<u> </u>

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : RED HOOK MARINE TERMINAL PIER 6

Address : ATLANTIC AVE. @EAST RIVER (BROOKLYN SOUTH)

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBSR028.000 / 4475 Yr Built/Renovated : 1900 /

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 2015 - 2018	FY 2019 - 2024
Piers	\$262,200	\$132,500
Total	\$262,200	\$132,500
Priority A Priority B	\$51,700 \$210,500	\$132,500
Total	\$262,200	\$132,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$12,600	\$26,400		
Total	\$12,600	\$26,400		
Priority A	\$12,600			
Priority B		\$26,400		
Total	\$12,600	\$26,400		



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 RED HOOK MARINE TERMINAL PIER 6

Piers	Current Repair	Future Replacement	M	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
tructural Deck					
Concrete	18% Cracking, Extent : Light, Area Affected Location : Isolated Throughout	LIFE * * * d : 20%	5	\$63,700	A
Concrete	2% 4+ \$12,600 Spalling, Extent : Light, Area Affected Location : Isolated Along Edge Of D	: 50%	3	\$7,100 pron	A
Not Accessible	80%			-	D
Pile Caps Concrete No Component	5% 95%	LIFE **	5	\$600	A D
Piles and Bracing Timber Timber	9% 1% 2-4 \$51,700 Other Observation, Extent : Severe, Ar Location : Isolated Throughout		<b>T</b> -3	\$76,600 \$8,500	A A
N	Explanation : Broken Concrete Exten	nsion			
Not Accessible ender	90%				D
Wales and Chocks Timber	15% Now \$102,400 Missing Part, Extent: Severe, Area Af Location: Throughout South, West, A Rotting/Splitting, Extent: Severe, Area Location: Throughout South, West, A	fected : 50% And Western Part Of N. Sid 1 Affected : 50%	e	\$11,000	В
Timber	65% Rotting/Splitting, Extent : Light, Area : Location : Throughout Upper And Lo		4	\$71,500	В
Not Accessible	20%				D
Piles Timber	15% Rotting/Splitting, Extent: Light, Area Location: Isolated Throughout		4	\$7,600	В
	Worn, Extent : Light, Area Affected : 3 Location : Above Mlw Elevation, Thi	roughout Pier			
Timber	10% 4+ \$108,200 Rotting/Splitting, Extent : Moderate, A Location : At The North And South L	rea Affected : 30%	4	\$3,400	В
	Other Observation, Extent: Severe, An Location: At North End Of West Fac	ce			
Not Associble	Explanation : Broken Bolted Connec	rtion			D .
Not Accessible	75%				D

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Piers	\$6,100			
Total	\$6,100			
Priority A	\$6,100			
Total	\$6,100		_	



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 RELIEVING PLATFORM

Piers	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	nted Cost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Deck						
Concrete	50%	LIFE	* *	5	\$12,200	A
	Erosion, Extent : Moderate, A	Area Affected : 35%				
	Location: Throughout Tida	l 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: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Piers		\$200		
Total		\$200		
Priority A				
Priority A Priority B		\$200		
Total		\$200		



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 TIMBER RELIEVING PLATFORM IN FRONT OF ASSET 1743

Piers	Current Repair	Future Rep	olacement	M			
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Esti FY	mated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Structural							
Deck							
Timber	100%	LIFE	* *	5	\$13,700	A	
	Surface Wearing/Scaling, Exter Location: Throughout	nt : Light, Area Affected	d : 5%				
Pile Caps							
Timber	100%	LIFE	* *	4	\$25,700	A	
Piles and Bracing							
Timber	65%	LIFE	* *	4-5	\$9,500	A	
	Other Observation, Extent : Light, Area Affected : 40%						
	Location: From Station 1+35	5					
	Explanation : Concrete Footi	ng					
Not Accessible	35%					D	
Fender							
Piles							
Timber	10%	2032	* *	4	\$700	В	
	Rotting/Splitting, Extent : Mode Location : In Tidal Zone	erate, Area Affected : 1	0%				
No Component	85%					D	
Not Accessible	5%					D	
Deck Elements							
Railing							
Steel	100%	2021				В	

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers		\$58,300
Total		\$58,300
Priority A		\$58,300
Total		\$58,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$30,000			
Total	\$30,000			
Priority A				
Priority C	\$30,000			
Total	\$30,000			



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

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

# 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Deck								
Concrete	55%			LIFE	* *	5	\$18,900	A
Not Accessible	45%							D
Deck Surface								
Concrete	5%			2035	* *	5	\$600	C
Stone Pavers	15%			2035	* *			C
Timber	80%			2035	* *	5	\$59,400	C
Pile Caps								
Concrete	100%			LIFE	* *	5	\$1,200	A
Piles and Bracing								
Concrete	100%			LIFE	* *	5	\$58,300	A
Deck Elements								
Railing								
Steel	100%			2021				В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Piers		\$230,100
Total		\$230,100
Priority B		\$230,100
Total		\$230,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Piers	\$39,300		\$15,800	
Total	\$39,300		\$15,800	
Priority A	\$34,700			
Priority B	\$4,600		\$15,800	
Total	\$39,300		\$15,800	_



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 WILLIAMSBURG YACHT CLUB PIER

Asset #: 13493

Piers		Current Repair Future Rep		e Replacement	M	Maintenance		
System Component Type		ail Date E Years)	Stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Deck	250/			LIDD	* *	-	¢1.600	4
Timber	35% Recent Repla Location :		, Extent : Light,	LIFE Area Affe		5	\$1,600	A
Timber	45% Surface Wea Location :	_	g, Extent : Light t	LIFE t, Area Af	* * fected : 100%	5	\$2,000	A
Not Accessible Under Construction	5% 15%							D D
Pile Caps	1370							<u>D</u>
Timber	75% Rotting/Split Location :	_	t : Light, Area A t	LIFE ffected : 2	**	4	\$6,300	A
Timber	5% Rotting/Split Location :	_	\$3,100 t : Severe, Area roughout	LIFE Affected :	**	4	\$400	A
Timber	Rotting/Split	_	\$12,300 t : Severe, Area At Bearing Loca			4	\$1,700	A
Piles and Bracing								
Timber	20% Rotting/Split Location :	_	\$9,700 t : Moderate, Ar t	LIFE ea Affecte	* * ed : 50%	4-5	\$1,000	A
Timber	40%			LIFE	* *	4-5	\$1,900	A
Timber	Loose Conne Location : Rotting/Split Location : Other Obser Location :	2 Non-Bean ting, Exten Below Deci vation, Exte 10 Piles Be	ent : Severe, Are low Deck	Deck ea Affecte	ed : 25%	4-5	\$500	A
Not Appasible	Explanatio 10%	n : Fire Da	таде					D
Not Accessible Under Construction	20%							D D
Deck Elements Railing	2070							
Steel	Location:	Throughou	\$4,600 ent : Light, Area t Coating Loss An					В
Timber	30%	vation, Exte Throughou	ent : Light, Area t	2017	\$15,800			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.

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$90,200	
Total	\$90,200	
Priority B	\$90,200	
Total	\$90,200	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$38,600	\$1,100	\$1,300	
Total	\$38,600	\$1,100	\$1,300	
Priority A	\$2,300			
Priority B	\$19,100	\$1,100	\$1,300	
Priority C	\$17,200			
Total	\$38,600	\$1,100	\$1,300	



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 23RD ST. MARINA DOCK BULKHEAD

Asset #: 2583

Bulkheads	Current R	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Relieving Platform Top	1000/		LIDE	* *			
Concrete/Stone	100% Cracking, Extent : Lig Location : Througho						A
Coping/Curb							
Concrete	15% 2-4 Broken, Extent : Mode Location : Througho		LIFE ed : 50%	* *	5		С
Timber	30% Now Missing Part, Extent: Location: 30 Ft Fro Rotting/Splitting, Exte Location: Througho	m North End nt : Severe, Area			5		С
Timber	15% 4+ Rotting/Splitting, Exte	\$2,100 nt : Moderate, Ar	LIFE ea Affecte	* * ed : 50%	5		С
Timber	30%		LIFE	* *	5		С
No Component	10%						D
Piles and Bracing Not Accessible	100%						D
Lowlevel Pile Caps Timber	5% 4+ Rotting/Splitting, Exte Location : At Ends (			* * ed : 75%			A
Timber	5%		LIFE	* *			A
Not Accessible	90%						D
Backfill Fill							
Not Accessible	100%						D
Surface							
Asphalt	60%		2032	* *	5	\$1,500	В
Concrete	40%		2032	* *	5	\$1,000	В
Fender Piles							
Timber	15% Now Rotting/Splitting, Exte Location : Througho		2038 Affected :	**	4	\$800	В
Timber	25% 4+ Broken, Extent : Mode Location : Througho		2038 ed : 50%	* *	4	\$1,300	В
Timber	40%		2032	* *	4	\$3,200	В
Not Accessible	20%						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.

<sup>\*\*</sup> 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 Fail Date Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Fender								
Wales and Chocks								
Timber	20% 4+	\$22,500	2038	* *	4	\$2,400	В	
	Loose Connections, E.		Area Affe	ected : 10%				
	Location: Througho		cc . 1	100/				
	Rotting/Splitting, Exte	-	fected:	10%				
	Location : Througho	ut						
Timber	60% Now	\$67,600	2038	* *	4	\$7,300	В	
	Missing Part, Extent:	Severe, Area Affe	cted : 10	0%				
	Location: Througho	ut						
No Component	20%						D	
Deck Elements								
Railing								
Fencing	100%		2024	\$13,800	3	\$100	В	
	Corrosion, Extent : Li	Corrosion, Extent : Light, Area Affected : 10%						
	Location: Througho	ut						

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$14,900		\$500	
Total	\$14,900		\$500	
Priority A	\$900			
Priority B	\$14,000		\$500	
Total	\$14,900		\$500	



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 23RD ST. MARINA PKG. GARAGE BULKHEAD

Bulkheads	Current Repair	Future Replacemen	nt I	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated C FY	ost Cycle (Yrs)		Priority Code
Structural					
Relieving Platform Top	100-1				
Concrete/Stone	100%	LILL	* *		A
	Cracking, Extent : Light, Area Affected : Location : Throughout	3%			
Piles and Bracing					
Not Accessible	100%				D
Lowlevel Pile Caps					
Timber	5% Now \$900	LIIL	* *		A
	Rotting/Splitting, Extent : Severe, Area A				
	Location : At Ends Of Transverse Pile	Caps			
Timber	5%	LIFE	* *		A
Not Accessible	90%				D
Backfill					
Fill	4000				_
Not Accessible	100%				D
Surface	400/	2022	** 5	¢400	D
Asphalt	40% Cracking, Extent : Light, Area Affected :	2032	** 5	\$400	В
	Location : Random	10/0			
A sub alt Dansus		2022	** 5	¢200	D
Asphalt Pavers Concrete	20% 40%	2032 2032	** 5 ** 5	\$200 \$400	B B
Concrete	40% Cracking, Extent: Light, Area Affected:		3	\$400	D
	Location: Throughout	10/0			
	Spalling, Extent: Light, Area Affected:	10%			
	Location: Throughout	/ •			
Fender					
Piles					
Timber	50% Now \$9,400	2038	** 4	\$1,100	В
	Broken, Extent: Severe, Area Affected:	100%			
	Location: Throughout				
	Rotting/Splitting, Extent : Severe, Area A Location : Throughout	ffected : 25%			
Timber	25% 4+ \$4,700	2038	** 4	\$500	В
	Rotting/Splitting, Extent : Moderate, Are Location : Throughout	a Affected : 50%			
Not Accessible	25%				D

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$600		\$300	
Total	\$600		\$300	
Priority A				
Priority B Priority C	\$600		\$300	
Total	\$600		\$300	



<sup>\*\*</sup> 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 Repa	ir Futur	re Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Coping/Curb						
Timber	65%	LIFE	* *	5		C
	Rotting/Splitting, Extent:		10%			
	Location : Isolated Thro	pughout				
No Component	35%					D
Sheet Piles						
Not Accessible	100%					D
Pile Caps						
Concrete	65%	LIFE	* *	5	\$200	A
Not Accessible	35%					D
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Asphalt	30%	2032	* *	5	\$400	В
	Cracking, Extent: Light,					
	Location : Throughout I	Pavement				
Asphalt	5% Now	\$600 2038	* *	5		В
-	Settlement, Extent : Sever	e, Area Affected : 100%	%			
	Location : Along North Transfer Bridge Approach					
Gravel	65%	2032	* *	2-5	\$200	В
Deck Elements						
Railing						
Fencing	100%	2024	\$7,400	3	\$100	В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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**

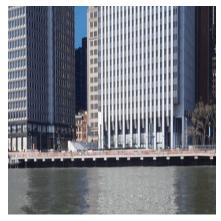
**Total** 

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
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.

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

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

## 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	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Gravity Wall							
Conc w/Stone Face	65%		LIFE	* *	5	\$22,300	A
Concrete	5%		LIFE	* *	5	\$100	A
	Recent Repair Evide	ent, Extent : Light, A	rea Affe	cted : 100%			
	Location: North E	End Of Asset					
Not Accessible	30%						D
Backfill							
Fill							
Under Construction	100%						D
Surface							
Under Construction	100%						D
Deck Elements							
Railing							
Under Construction	100%						D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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

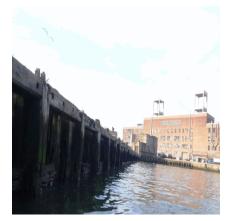
Date of Survey : 11-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$83,800	
Total	\$83,800	
Priority B	\$83,800	
Total	\$83,800	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$19,800		\$8,100	\$1,200
Total	\$19,800		\$8,100	\$1,200
Priority A			\$8,100	
Priority B	\$19,800			\$1,200
Total	\$19,800		\$8,100	\$1,200



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 18 BULKHEAD

Asset #: 13540

Bulkheads	Current Repair	Future Replacemen	t N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co FY	cst Cycle (Yrs)	Estimated Cost	Priority Code
tructural					
Pile Supported Wall	1000/	2027		016100	
Concrete	100%	2027	* 5	\$16,100	Α
	Other Observation, Extent : Light, Area Location : Erosion In The Tidal Zone		114		
	Explanation: Erosion And Cracking	Ana Cracking Inrougho	ш		
Piles and Bracing	Ziquinini i Zi cilici i Zia Ciacini,				
Not Accessible	100%				D
Pile Caps					
Not Accessible	100%				D
ackfill					
Fill					
Not Accessible	100%				D
Surface					
Asphalt Blocks	10%	2033	* 5	\$500	В
	Other Observation, Extent : Light, Area				
	Location: From 45ft To 90 Ft North	Of Southern Limit Of Ass	et		
	Explanation : Surface Wearing	2022		<b>41.000</b>	
Concrete	40%	2033	* 5	\$1,800	В
	Cracking, Extent : Light, Area Affected Location : Throughout	: 10%			
Compresso	20% 4+ \$19,800	2037 *	* 5	\$500	В
Concrete	Cracking, Extent : Moderate, Area Affe		. 3	\$300	D
	Location: Throughout	cieu . 2570			
	Erosion, Extent : Moderate, Area Affec	ted · 100%			
	Location: Erosion/ Scaling Througho		orth Of Soi	thern Limit Of	
	Asset		oj 201		
Not Accessible	30%				D
	Other Observation, Extent : Light, Area	a Affected : 0%			
	Location: Under Building At Souther	n 45 ft Of Asset And Und	er Vegetatio	on For25 Percent	
	Of Remaining Surface, North Of Build	ling			
1	Explanation : Not Accessible				
ender Piles					
Timber	50% Now \$43,100	2039	* 4	\$4,800	В
Timoci	Broken, Extent : Severe, Area Affected		7	ψ+,000	Ъ
	Location : Broken/ Missing Througho				
Not Accessible	50%				D
Wales and Chocks	3070				ע
Timber	100% Now \$40,700	2039 *	* 4	\$21,900	В
2 21	Broken, Extent : Severe, Area Affected		•	Ψ <b>21</b> ,200	D
	Location: Throughout Length Of Bull				
	Rotting/Splitting, Extent : Severe, Area				
	Location: Throughout Length Of Bull				

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

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$32,700			\$2,000
Total	\$32,700			\$2,000
Priority A	\$7,900			
Priority B	\$1,900			\$2,000
Priority C	\$22,900			
Total	\$32,700			\$2,000



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 14A BULKHEAD

Asset #: 13525

Bulkheads	Current Repair	Future Replacement	M	aintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Structural						
Coping/Curb	950/ 4	TIEE **		Φ <b>2</b> 00	C	
Timber	85% 4+ \$20,000 Excess Deflections, Extent : Moderate,	LIIL	5	\$200	С	
	Location : Throughout	Area Ajjeciea . 100%				
	Other Observation, Extent: Moderate,	Area Affected : 100%				
	Location: Throughout	The darky constant 10070				
	Explanation: Rotated					
Timber	5% 4+ \$100	LIFE **	5		С	
1 mileor	Missing Bolts, Extent : Severe, Area Aj		J		Č	
	Location : Timber Not Connected 19.		!			
Timber	10% Now \$2,800	LIFE **	5		С	
Timeer	Missing Part, Extent : Severe, Area Aff		J		C	
	Location : Northern 58 Ft; 43 Ft Len		lorth			
Sheet Piles		<u> </u>				
Steel	5% 4+ \$6,200	LIFE **	ŧ		A	
	Missing Part, Extent : Light, Area Affe	cted : 10%				
	Location: Missing Bolts W/Fill Loss	s At Holes 194 Ft, 238 Ft, 25	4 Ft And	283 Ft From		
	North	4 400 - 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	<del>_</del>		sea		
Steel	50%	LIFE	10		A	
	Corrosion, Extent : Light, Area Affecte Location : Isolated In Tidal Zone	ea: 2%				
Not Accessible	45%				D	
Pile Caps	45%				D	
Concrete	95%	LIFE **	5	\$2,100	A	
Concrete	Cracking, Extent : Light, Area Affected		3	Ψ2,100	7.1	
	Location: Throughout					
	Spalling, Extent : Light, Area Affected	: 5%				
	Location : Isolated Small Spalls At B					
Concrete	5% 4+ \$600	LIFE **	5	\$100	A	
	Spalling, Extent : Moderate, Area Affec		-	4100	= =	
	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	100/0				D	
Asphalt	95%	2033 **	5	\$4,000	В	
Asphalt	5% 4+ \$1,900	2039 **		\$100	В	
1	Cracking, Extent: Moderate, Area Affa					
	Location: Isolated Throughout And		tfall)			
	Settlement, Extent : Light, Area Affecte	ed : 5%				
	Location: 285 Ft And 440 Ft From N	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.

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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 14A BULKHEAD

Asset #: 13525

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$100		\$600	
Total	\$100		\$600	
Priority B			\$600	
Priority C	\$100			
Total	\$100		\$600	



<sup>\*\*</sup> 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 Replac	ement	M		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimat	ted Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Coping/Curb						
Timber	90%	LIFE	* *	5	\$100	C
	Other Observation, Extent: Seve	re, Area Affected : 100%				
	Location: Throughout					
	Explanation: Missing					
No Component	10%					D
Sheet Piles						
Steel	90%	LIFE	* *	10		A
	Missing Coating, Extent: Light,	Area Affected : 10%				
	Location : Isolated Throughout					
Not Accessible	10%					D
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Asphalt	90%	2037	* *	5	\$1,100	В
Concrete	10%	2039	* *	5	\$100	В

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : BERTH 20A & 20B BULKHEAD
Address : KAY AVE. BROOKLYN NAVY YARD

Borough : BROOKLYN Agency's Number

 $Program \, / \, Asset \, \# \quad : \, \, DBSR045.021 \, / \, 13539 \qquad \qquad Yr \, Built / Renovated \quad : \, \,$ 

Linear Ft : 875 Project Type : ECONOMIC DEVELOPMENT

: N/A

Date of Survey : 11-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2023 Lot : 1 BIN :

#### **CAPITAL**

**Total** 

Priority

**Total** 

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$65,500		\$10,600	
Total	\$65,500		\$10,600	
Priority A	\$33,100		\$10,000	
Priority B	\$18,600		\$600	
Priority C	\$13,700			
Total	\$65,500		\$10,600	



<sup>\*\*</sup> 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 Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Structural				
Coping/Curb				
Timber	25% Now \$13,70		5 \$100	C
	Other Observation, Extent: Severe, A			
	Location: Western 196 Ft Of Asset			
	Explanation: Missing			
No Component	75%			D
Pile Supported Wall	700/	2027 **	£ \$20,000	
Concrete	70%	2037	5 \$20,000	A
Concrete	20% 4+ \$33,10 Other Observation, Extent : Light, A	0 2033	5 \$2,900	A
	Location: Erosion In Tidal Zone A		Vestern 179ft Of Asset	
	Explanation : Erosion And Crackin		estern 177ji Oj Mister	
Not Accessible	10%	8		D
Piles and Bracing	10/0			- Б
Not Accessible	100%			D
Pile Caps				
Not Accessible	100%			D
Backfill				
Fill				
No Component	5%			D
	Other Observation, Extent : Light, A	rea Affected : 0%		
	Location: 778 Ft From West			
	Explanation : Transfer Bridge			
Not Accessible	95%			D
Surface	-0.1		- 44 400	_
Asphalt	20%	2039 **	5 \$1,600	В
	Cracking, Extent: Light, Area Affect			
	Location: Western 160 Ft Of Asset			
Sand	75%	2037 **	2-5 \$1,600	В
No Component	5%	1.00/		D
	Other Observation, Extent: Light, A	==		
	Location: 778 Ft From West End C	Of Asset		
Fonder	Explanation : Transfer Bridge			
Fender Piles				
Timber	5% Now \$7,60	0 2039 **	4 \$900	В
Timoer	Broken, Extent : Severe, Area Affecte		Ψ,00	D
	Location : At East End Of Asset			
No Component	95%			D
Wales and Chocks	7570			
Timber	5% Now \$10,80	0 2039 **	4 \$1,900	В
	Broken, Extent : Severe, Area Affecte		+-,200	-
	Location : At East End Of Asset			
No Component	95%			D
	2010			

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

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$766,400	
Total	\$766,400	
Priority A	\$409,000	
Priority B	\$237,100	
Priority C	\$120,400	
Total	\$766,400	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$4,100	\$100	\$1,700	\$34,000
Total	\$4,100	\$100	\$1,700	\$34,000
Priority A				\$27,500
Priority B	\$3,600	\$100	\$1,700	\$6,500
Priority C	\$600			
Total	\$4,100	\$100	\$1,700	\$34,000



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 20C BARGE BASIN BULKHEAD

Bulkheads	Current Repair	Future Replacement	Maintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural					
Coping/Curb					
Concrete	30% Now \$103,200		5	\$500	C
	Broken, Extent: Severe, Area Affected	: 30%			
	Location: Throughout Barge Basin	1.00			
	Other Observation, Extent: Severe, Ar				
	Location: Throughout North Side Op	t Barge Basin			
_	Explanation: Missing			44.500	
Concrete	35%	LIFE **	5-10	\$1,200	C
Concrete	5% 4+ \$17,200		5	\$100	C
	Spalling, Extent : Moderate, Area Affe	cted : 25%			
	Location: Throughout Asset				
No Component	30%				D
Pile Supported Wall	4400,000	2022	_	Φ= 100	À
Concrete	20% 4+ \$409,000		5	\$7,100	A
	Erosion, Extent : Moderate, Area Affec				
	Location: Along Bottom Edge Of Wo				
	Exposed Reinforcement, Extent : Mode	erate, Area Affected : 25%			
	Location: Throughout	. 1 250/			
	Spalling, Extent : Moderate, Area Affe	cted : 25%			
	Location: Throughout				
Concrete	78%	2033 **	5	\$55,000	A
	Erosion, Extent : Moderate, Area Affec	cted : 20%			
	Location: At Cj's				
	Spalling, Extent: Moderate, Area Affe				
	Location: Isolated At Top Of Wall A	<del>-</del>			
	Other Observation, Extent: Moderate,		7		
	Location: Scaling In Tidal Zone, And		Zone		
	Explanation : Scaling And Effloresce	rnce			
No Component	2%	4.00 A 00.7			D
	Other Observation, Extent: Light, Are	==	M.E.E	G d	
	Location: 40 Ft Length Along North	Wall Of Basin, Starting 199	4 Ft Froi	n Southwest	
D:1 1 D :	Explanation : At Outfall				
Piles and Bracing	1000/				Ъ
Not Accessible	100%				D
Backfill					
Fill Gravel	1% Now \$1,700	2039 **	5		В
Glavel	Sinkhole, Extent : Severe, Area Affecte		3		D
	Location: At Northern End Of North				
Not Assassible		. 200,010 11 0000			D.
Not Accessible	99%				D

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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 20C BARGE BASIN BULKHEAD

Bulkheads		Current R	epair	Future Replacement		Maintenance			
System Component Type	% of I Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Backfill									
Surface									
Asphalt	59%			2033	* *	5	\$11,900	В	
	_		nt, Extent : Light, 1		ected : 60%				
			ctions Totalling 86						
	-	_	ing, Extent : Light,	, Area Aj	ffected : 40%				
	Location :	: Througho	out						
Asphalt	1%	Now	\$1,800	2039	* *	5	\$100	В	
-	Broken, Ext	tent : Seve	re, Area Affected :	100%					
	Location .	: Northern	End Of North Bar	ge Basin	Wall				
Asphalt Blocks	5%			2033	* *	5	\$1,000	В	
Concrete	9%			2037	* *	5	\$1,800	В	
Topsoil	20%			2022	\$21,600	5	\$1,700	В	
Not Accessible	6%							D	
Fender									
Piles									
Timber	25%	Now	\$94,400	2039	* *	4	\$10,600	В	
	Broken, Extent : Severe, Area Affected : 50%								
	Location .	: South Wo	ıll Of Barge Basin						
No Component	60%							D	
Not Accessible	15%							D	
Wales and Chocks									
Timber	40%	Now	\$142,700	2039	* *	4	\$38,400	В	
	Broken, Ext	tent : Seve	re, Area Affected :	100%					
	Location :	: South Wo	ıll Of Barge Basin						
No Component	60%							D	
Deck Elements									
Railing									
Fencing	35%			2028	* *	3	\$200	В	
No Component	65%							D	

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$14,500			
Total	\$14,500			
Priority A	\$400			
Priority B	\$13,100			
Priority C	\$1,100			
Total	\$14.500			



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 3A BULKHEAD

Bulkheads		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Coping/Curb								
Timber	5%	4+	\$900	LIFE	* *	5		C
			Extent : Moderate,					
	Location	: Impacted	d Damage 275 Fee	t From V	Vest			
Timber	93%			LIFE	* *	5	\$300	С
No Component	2%							D
Gravity Wall								
Concrete	35%			LIFE	* *	5-10	\$800	A
Not Accessible	65%							D
Backfill								
Fill								
Topsoil	10%	4+	\$2,800	2059	* *			В
			Extent : Moderate, A					
			Up Concrete Expos	ing Tops	oil			
	Explana	ion : Expo	sed Topsoil					
Not Accessible	90%							D
Surface								
Asphalt	30%	4+	\$900	2033	* *	5	\$500	В
	_		oderate, Area Affec		%			
			te Cracking Throug					
			Light, Area Affected	! : 10%				
	Location	: Through	out					
Concrete	60%	4+	\$7,000	2033	* *	5	\$1,000	В
	Cracking,	Extent : M	oderate, Area Affec	ted: 759	%			
	Location	: Through	out					
	Settlement	, Extent : I	ight, Area Affected	! : 75%				
	Location	: Through	out Near Wall					
Concrete	10%	Now	\$2,300	2033	* *	5	\$200	В
	Broken, E	xtent : Mod	lerate, Area Affecte	d: 40%				
			t To 184 From Wes					

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$145,100	
Total	\$145,100	
Priority A	\$52,400	
Priority B	\$92,700	
Total	\$145,100	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$23,000		\$200	\$1,600
Total	\$23,000		\$200	\$1,600
Priority A				\$900
Priority B	\$23,000		\$200	\$700
Total	\$23,000		\$200	\$1,600



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BERTH 6 BULKHEAD

Asset #: 13534

Bulkheads	Current Repair	Future Replacement	M	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	t Cycle (Yrs)	Estimated Cost	Priority Code
Structural			•		•
Pile Supported Wall				<b></b>	
Conc w/Stone Face	10% 2-4 \$52,400	LIFE *	* 5	\$2,600	A
	Other Observation, Extent : Severe, Ard Location : 274 Ft To 394 Ft From Dr	**	10		
	Explanation: Loss Of Stone Facing/			Crackino	
No Component	70%	Broston of Concrete, 19101	Lar Boss, C	- racking	D
Not Accessible	20%				D
Sheet Piles	20,0				
Steel	30%	LIFE *	* 10		A
	Corrosion, Extent : Light, Area Affected	d : 5%			
	Location : Isolated In Tidal Zone				
No Component	30%				D
Not Accessible	40%				D
Pile Caps	700/	2028 *	· ~	Ф1 000	
Steel No Component	70% 30%	2028 *	* 5	\$1,800	A D
Backfill	30%				ע
Fill					
Not Accessible	100%				D
Surface					
Concrete	70% Now \$92,700	2039 *	* 5	\$1,300	В
	Cracking, Extent: Severe, Area Affecte	d: 100%			
	Location: Large Cracks Throughout				
	Settlement, Extent : Severe, Area Affect Location : Throughout	ed : 100%			
Not Accessible	30%				D
	Other Observation, Extent : Light, Area	a Affected : 0%			
	Location: Adjacent To Dry Dock #1				
	Explanation: Building And Access Re	атр			
Fender					
Piles	15% Now \$10,400	2039 *	* 4	\$1,200	D
Timber	Other Observation, Extent: Severe, Ara	2039	. 4	\$1,200	В
	Location : Adjacent To Dry Dock #1	eu Tyjecieu . 10070			
	Explanation: Broken/ Missing				
No Component	85%				D
Wales and Chocks					
Steel	15%	2033 *	* 3-5	\$2,500	В
	Corrosion, Extent : Light, Area Affected				
	Location: Throughout Steel Fender R	Rack			
Timber	15% Now \$12,200	2039 *	* 4	\$2,600	В
	Other Observation, Extent: Severe, Are	ea Affected : 70%			
	Location : Adjacent To Dry Dock #1				
	Explanation: Broken/Missing				
No Component	70%				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.

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$257,900	
Total	\$257,900	
Priority B	\$257,900	
Total	\$257,900	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$54,700			\$7,900
Total	\$54,700			\$7,900
Priority A	\$24,500			\$7,600
Priority B	\$4,200			\$200
Priority C	\$26,000			
Total	\$54,700			\$7,900



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BERTHS 10 AND 10A PIER

Asset #: 13528

Bulkheads	Current Repair	Future Replacement	N	/laintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority Code
tructural					
Coping/Curb Timber	80% Now \$26,00 Other Observation, Extent : Severe, A Location : Throughout		* 5	\$200	С
No Component	Explanation: Missing/Broken  20%  Other Observation, Extent: Light, A Location: At Berth 10a  Explanation: No Timber Curb	rea Affected : 0%			D
Pile Supported Wall	Explanation . No Timber Curb				
Concrete	90% Cracking, Extent: Light, Area Affect Location: Throughout		* 5	\$15,200	A
	Spalling, Extent : Light, Area Affecte Location : Throughout	ed : 10%			
Concrete	10% 4+ \$24,50  Erosion, Extent: Moderate, Area Aff  Location: Throughout  Spalling, Extent: Moderate, Area Aff  Location: Throughout	fected : 30%	* 5	\$800	A
Piles and Bracing Not Accessible	100%				D
Pile Caps Not Accessible	100%				D
ackfill					
Fill Gravel	10% Now \$4,20 Sinkhole, Extent: Severe, Area Affec Location: At Stations 3+64, 4+06, 10a	ted : 100%	3	on 0+00 At Berth	В
Not Accessible	90%				D
Surface					
Asphalt	80% 4+ \$34,70 Cracking, Extent: Moderate, Area A Location: Throughout Settlement, Extent: Moderate, Area Location: Throughout	ffected : 75%	* 5	\$1,900	В
Asphalt	10% Now \$4,30 Sinkhole, Extent : Moderate, Area Aj Location : See List Of Locations In	fected : 100%	* 5	\$200	В
Concrete	10%	2033 *	* 5	\$500	В
Fender Piles Timber	100% Now \$90,60 Other Observation, Extent : Severe, 2		* 4	\$10,200	В
Note · All component renairs \$	Location: Throughout Explanation: Missing/Broken estimates are in current dollars and are not esc				

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

Estimates are rounded to the nearest hundred dollars.

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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BERTHS 10 AND 10A PIER

Bulkheads		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fender								
Wales and Chocks								
Timber	100%	Now	\$128,300	2039	* *	4	\$23,000	В
	Other Obse	ervation, E	xtent : Severe, Are	a Affecte	d : 100%			
	Location	: Througho	out					
	Explanati	ion : Missii	ng/Broken					

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$295,600	
Total	\$295,600	
Priority A	\$295,600	
Total	\$295,600	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$57,000		\$16,400	\$15,300
Total	\$57,000		\$16,400	\$15,300
Priority A				\$11,300
Priority B	\$56,600		\$16,400	\$4,000
Priority C	\$400			
Total	\$57,000		\$16,400	\$15,300



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BERTHS 11 AND 12 / BULKHEAD AND BOATSHED

Bulkheads	Current Repair	Future Replacemen	t N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co	Ost Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Coping/Curb					
Concrete	30%	LIIL	* 5-10	\$500	C
	Cracking, Extent : Light, Area Affected	d: 15%			
	Location: West End Of Asset				
Timber	45%	LIFE ;	* * 5	\$400	С
No Component	25%				D
_	Other Observation, Extent: Light, Are	a Affected : 0%			
	Location:				
	Explanation : At Boatshed And At Tr	avel Lift			
Pile Supported Wall					
Conc w/Stone Face	5% 4+ \$32,800	LIFE ,	* 5	\$3,200	A
	Other Observation, Extent: Moderate,	Area Affected : 25%			
	Location: Starting 523 Ft From East	t And Extending 242 Ft B	etween Ston	e And Concrete	
	Course At Top Of Wall And At Isolat	ed Joints			
	Explanation: Mortar Loss				
Conc w/Stone Face	20% 4+ \$262,700	LIFE ;	* * 5	\$13,000	A
	Cracking, Extent : Moderate, Area Aff	ected : 20%			
	Location : At Isolated Areas				
	Erosion, Extent : Severe, Area Affected	d: 20%			
	Location : In Tidal Zone 702 Ft And				
	Other Observation, Extent : Light, Are	a Affected : 20%			
	Location : In Tidal Zone	00			
	Explanation : Scaling				
Concrete	70%	2033	* 5	\$22,600	A
Concrete	Erosion, Extent : Light, Area Affected		3	Ψ22,000	11
	Location: In Tidal Zone At Eastern:		īt.		
	Spalling, Extent : Light, Area Affected				
	Location: Closed Spall In Face Of V				
27		van 243 I i I rom Lasi			
Not Accessible	5%	1.00/			D
	Other Observation, Extent : Light, Are	a Affected : 0%			
	Location:				
	Explanation : Not Visible Behind F.	D. N. Y. Boats			
Backfill					
Fill	F0/ N	2020			ъ
Gravel	5% Now \$4,000	2039	* 5		В
	Sinkhole, Extent : Severe, Area Affecte				
	Location: Eastern 50 Ft; 75 Ft From		tast		
	Other Observation, Extent : Severe, Ar	55	-		
	Location: Eastern 50 Ft; 75 Ft From	n East And 134 Ft From l	east		
	Explanation : Settlement				
Not Accessible	95%				D

<sup>\*\*</sup> 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 Replacem	ent	Ma	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estimated FY	Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Backfill						
Surface	<b>5</b> 004	2022	de de	_	Φ ε ποο	
Asphalt	70%	2033	* *	5	\$6,500	В
	Cracking, Extent: Light, Area Affecte Location: Isolated Locations Startin		nd Exter	nding 60	08 Ft In Length	
Asphalt	10% Now \$8,300 Settlement, Extent: Severe, Area Affect Location: At Boatshed Sinkhole, Extent: Severe, Area Affect Location: At Boatshed And Bulkhed	ected : 50% ted : 30%	* *	5	\$500	В
Concrete	15% 4+ \$2,500 Cracking, Extent: Moderate, Area Af Location: Throughout Western 217 Spalling, Extent: Moderate, Area Affi Location: Throughout Western 217	ffected : 50% 7 Ft Fected : 50%	**	5	\$700	В
Concrete	5% Recent Replace Evident, Extent : Light Location : Offshore Edge Of Wharf Length		* * Cast And	5 l Extend	\$500 ing 85 Ft In	В
Fender						
Buffer Rubber	10% Surface Wearing/Scaling, Extent : Lig	2033 ght, Area Affected : 15%	* *	4-5	\$2,100	В
	Location: Floating Composite Fend And 845 Ft From East	der 373 Ft From East A	nd Floa	ting Tir	e Fender 433 Ft	
No Component	90%					D
Piles						
Timber	50%	2037	* *	4	\$9,700	В
Timber	10% Now \$17,300 Broken, Extent : Severe, Area Affected Location : Eastern Leg North North	d: 100%	* *	4	\$1,900	В
No Component	40%					D
Wales and Chocks Timber	10% Now \$24,500 Rotting/Splitting, Extent: Severe, Are Location: East End Of Asset North	ea Affected : 100%	* *	4	\$4,400	В
	Rotting/Splitting, Extent : Severe, Are	ea Affected : 100%	* *	4	\$4,400	В

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : BERTHS 7 AND 7A BULKHEAD

Address : BETWEEN DRY DOCKS 2 & 3 BROOKLYN NAVY YARD

Borough : BROOKLYN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DBSR045.110 \, / \, 13532 \qquad \qquad Yr \, Built / Renovated \quad : \, \,$ 

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** 

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$46,900		\$1,400	\$1,100
Total	\$46,900		\$1,400	\$1,100
Priority A	\$21,200			\$1,100
Priority B	\$25,700		\$1,400	
Priority C				
Total	\$46,900		\$1,400	\$1,100



<sup>\*\*</sup> 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

Curren	t Repair	Futur	e Replacement	М	aintenance	
		Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
15%		LIFE	* *	5	\$100	C
85%						D
30%		LIFE	* *	10		A
Corrosion, Extent:	Light, Area Affected	: 5%				
Location : Isolate	ed Locations In Tidal	Zone				
5% 4+	\$21,200	LIFE	* *			A
Corrosion, Extent:		cted : 10	00%			
Location: Above	Mlw Elevation At Be	rth 7a, A	Adjacent To Dry Do	ock #3		
65%						D
85%		2028	* *	5	\$2,100	A
15%						D
100%						D
						В
				5	\$400	В
Settlement, Extent : Severe, Area Affected : 100%						
Location : From .	175ft To 245 Ft Fron	Dry Do	ck #3			
5%		2028	* *	4-10		В
Recent Replace Evi	ident, Extent : Light, .	Area Affe	ected : 100%			
Location: New T	imber Dolphin At No	rthwest (	Corner Of Asset			
95%						D
	15% 85%  30% Corrosion, Extent: Location: Isolate 5% 4+ Corrosion, Extent: Location: Above 65%  85% 15%  100%  80% 20% Now Settlement, Extent: Location: From  5% Recent Replace Event Location: New T	Total (Years)  15% 85%  30% Corrosion, Extent: Light, Area Affected Location: Isolated Locations In Tidal  5% 4+ \$21,200 Corrosion, Extent: Moderate, Area Affe Location: Above Mlw Elevation At Be 65%  85% 15%  100%  80% 20% Now \$25,700 Settlement, Extent: Severe, Area Affecte Location: From 175ft To 245 Ft From  5% Recent Replace Evident, Extent: Light, Location: New Timber Dolphin At No	Soft   Fail Date   Estimated Cost   Year   FY	Note   Fail Date   Estimated Cost   Year   Estimated Cost   Total   (Years)	% of Total   Fail Date   Estimated Cost   Year   FY   Estimated Cost   Cycle   (Yrs)	% of Total   Fail Date   Estimated Cost   Year   Estimated Cost   Cycle   (Yrs)

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$206,500	
Total	\$206,500	
Priority A	\$45,000	
Priority B	\$161,500	
Total	\$206,500	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$66,400		\$7,000	
Total	\$66,400		\$7,000	
Priority A			\$7,000	
Priority B	\$43,600			
Priority C	\$22,800			
Total	\$66,400		\$7,000	



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

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

# 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 **	5-10 \$200	C
Concrete	25% Now \$22,700		5 \$100	C
	Broken, Extent : Severe, Area Affected Location : Throughout	: 100%		
No Component	50%			D
Pile Supported Wall				
Concrete	90%	2027 **	5 \$14,000	A
	Other Observation, Extent : Light, Are	ea Affected : 10%		
	Location: Throughout			
	Explanation: Cracking And Spalling			
Concrete	10% 4+ \$45,000		5 \$800	A
	Other Observation, Extent : Moderate,			
	Location: Isolated Throughout Tida	l Zone And Above Mlw. Spal	l 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			D
Not Accessible	100%			D
Backfill	100/0			
Fill				
Gravel	10% Now \$3,800	2039 **	5	В
	Other Observation, Extent : Severe, Ar			
	Location : At Southwest Corner Of B	==		
	Explanation : Fill Loss And Sinkhole	?S		
Not Accessible	90%			D
Surface				
Asphalt	60% Now \$14,300	2033 **	5 \$1,300	В
1	Settlement, Extent : Moderate, Area Aj		- ,	
	Location : Throughout	•		
	Sinkhole, Extent : Severe, Area Affecte	ed : 10%		
	Location : 76ft To 169ft, At 213ft, 31	5ft, And 353ft To 362ft Fron	n Dry Dock #6	
Concrete	40% Now \$25,500			В
Concrete	Cracking, Extent : Light, Area Affected		φνου	D
	Location : Between 289ft And 420ft I			
	Settlement, Extent : Light, Area Affecte			
	Location: Isolated Throughout			
Fender				
Piles				
Timber	100% Now \$83,100	2039 **	4 \$9,300	В
	Broken, Extent : Severe, Area Affected			
	Location : Throughout			
	Missing Part, Extent : Severe, Area Af	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.

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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 BERTHS 9 AND 9A PERIMETER WALL PILE SUPPORTED WALL AROUND PIER

Bulkheads		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fender								
Wales and Chocks								
Timber	100%	Now	\$78,400	2039	* *	4	\$21,100	В
	Missing Pa	art, Extent : S	evere, Area Affe	cted : 10	00%			
	Location	: Throughout						
	Rotting/Sp	litting, Extent	: Severe, Area	Affected .	: 100%			
	Location	: Entire Loca	ıtion					

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads		\$39,500
Total		\$39,500
Priority B		\$39,500
Total		\$39,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$31,600		\$6,100	\$100
Total	\$31,600		\$6,100	\$100
Priority B	\$100		\$6,100	\$100
Priority C	\$31,500			
Total	\$31,600		\$6,100	\$100



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

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

## 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Coping/Curb								
Concrete	95%			LIFE	* *	5	\$1,000	C
Concrete	5%	Now	\$20,800	LIFE	* *	5	\$100	C
	Broken, E.	xtent : Seve	ere, Area Affected :	100%				
	Location	: Vehicle	Damage					
Revetment								
Stone	98%			LIFE	* *	5	\$6,300	C
Stone	2%	0-2	\$10,700	LIFE	* *	5	\$100	C
	Missing P	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	\$12,200	В
Deck Elements								
Railing								
Fencing	60%			2024	\$39,500	3	\$300	В
No Component	40%							D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads		\$680,200
Total		\$680,200
Priority B		\$680,200
Total		\$680,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$36,700	\$6,100	\$4,300	
Total	\$36,700	\$6,100	\$4,300	
Priority A Priority B Priority C	\$36,700	\$6,100	\$4,300	
Total	\$36,700	\$6,100	\$4,300	



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD

Coping/Curb   Concrete   100%   LIFE   ** 5   \$700   C	Bulkheads	Curr	Current Repair		Future Replacement		Maintenance	
Coping/Curb   Concrete	Component				Estimated Cost		<b>Estimated Cost</b>	Priority Code
Concrete	Structural							
Cracking, Extent: Light, Area Affected: 5%   Location: Throughout	Coping/Curb							
Coarior   Concrete   90%	Concrete				* *	5	\$700	C
Gravity Wall		_		1:5%				
Concrete   90%		Location : Thr	oughout					
Not Accessible   10%	•	000/		LIPE	ታ ታ	~	Φ2.000	
Revetment   Stone   60%				LIFE	* *	5	\$2,800	
Stone No Component   40%   LIFE   *** 5   \$2,800   C No Component   40%   D		10%						<u>D</u>
No Component   40%   D		600%		LIEE	* *	5	\$2.800	C
Backfill   Fill   Not Accessible   100%   D				LIFE		3	\$2,000	
Not Accessible   100%   D		4070						D
Not Accessible   100%   D								
Surface		100%						D
Asphalt Pavers								
Asphalt Pavers		2%		2032	* *	5	\$200	В
Other Observation, Extent : Moderate, Area Affected : 10%   Location : Stations 2+00, 2+31, And 3+00 From South     Explanation : Missing Pavers Around Planters     Topsoil 2% 2021 \$1,000 5 \$100 B     Fender Piles     Timber 65% 2032 ** 4 \$18,300 B     Rotting/Splitting, Extent : Moderate, Area Affected : 10%     Location : In Tidal Zone     Worn, Extent : Light, Area Affected : 5%     Location : 17 Each 6-pile Clusters In Front Of Bulkhead.     No Component Not Accessible 10% D     Deck Elements     Railing     Steel 40% 4 \$34,000 2021 \$340,100 B     Steel 40% 4+ \$34,000 2021 \$340,100 B     Corrosion, Extent : Light, Area Affected : 20%     Location : Stations 0+00 To 4+00 Form South	-	95%		2032	* *	5	\$8,500	В
Location : Stations 2+00, 2+31, And 3+00 From South   Explanation : Missing Pavers Around Planters	Asphalt Pavers	1% No	w \$2,700	2032	* *	5		В
Topsoil 2% 2021 \$1,000 5 \$100 B								
Topsoil   2%   2021   \$1,000   5   \$100   B					South			
Fender Piles  Timber  65% 2032 ** 4 \$18,300 B  Rotting/Splitting, Extent: Moderate, Area Affected: 10%  Location: In Tidal Zone  Worn, Extent: Light, Area Affected: 5%  Location: 17 Each 6-pile Clusters In Front Of Bulkhead.  No Component Not Accessible 10%  Deck Elements Railing Steel 40% 40% 4+ \$34,000 2021 \$340,100 B Corrosion, Extent: Light, Area Affected: 20%  Location: Stations 0+00 To 4+00 Form South			Missing Pavers Around					
Piles Timber  65% 2032 ** 4 \$18,300 B  Rotting/Splitting, Extent: Moderate, Area Affected: 10%  Location: In Tidal Zone  Worn, Extent: Light, Area Affected: 5%  Location: 17 Each 6-pile Clusters In Front Of Bulkhead.  No Component Not Accessible 10% Deck Elements  Railing Steel 40% 40% 4+ \$34,000 2021 \$340,100 B  Corrosion, Extent: Light, Area Affected: 20%  Location: Stations 0+00 To 4+00 Form South		2%		2021	\$1,000	5	\$100	В
Timber 65% 2032 ** 4 \$18,300 B  Rotting/Splitting, Extent : Moderate, Area Affected : 10%  Location : In Tidal Zone  Worn, Extent : Light, Area Affected : 5%  Location : 17 Each 6-pile Clusters In Front Of Bulkhead.  No Component Not Accessible 10% D  Deck Elements  Railing Steel 40% 2021 \$340,100 B  Steel 40% 4+ \$34,000 2021 \$340,100 B  Corrosion, Extent : Light, Area Affected : 20%  Location : Stations 0+00 To 4+00 Form South								
Rotting/Splitting, Extent: Moderate, Area Affected: 10% Location: In Tidal Zone Worn, Extent: Light, Area Affected: 5% Location: 17 Each 6-pile Clusters In Front Of Bulkhead.  No Component Not Accessible 10% Deck Elements Railing Steel 40% 40% 4+ \$34,000 2021 \$340,100 B Corrosion, Extent: Light, Area Affected: 20% Location: Stations 0+00 To 4+00 Form South		650/		2022	* *	4	¢19.200	D
$Location: In Tidal Zone \\ Worn, Extent: Light, Area Affected: 5\% \\ Location: 17 Each 6-pile Clusters In Front Of Bulkhead.$ $No Component \\ Not Accessible \\ 10\% \\ Deck Elements \\ Railing \\ Steel \\ 40\% \\ 4+ \\ \$34,000 \\ 2021 \\ \$340,100 \\ B \\ Steel \\ Corrosion, Extent: Light, Area Affected: 20\% \\ Location: Stations 0+00 To 4+00 Form South$	Tillibel		Extent : Moderate A			4	\$18,300	Б
		0 1		rearijjeciea	. 10/0			
Location : 17 Each 6-pile Clusters In Front Of Bulkhead.   No Component   25%   D     Not Accessible   10%   D     Deck Elements   Railing     Steel   40%   2021   \$340,100   B     Steel   40%   4+   \$34,000   2021   \$340,100   B     Corrosion, Extent : Light, Area Affected : 20%     Location : Stations 0+00 To 4+00 Form South				%				
No Component Not Accessible         25%         D           Not Accessible         10%         D           Deck Elements         Railing         Steel         40%         2021         \$340,100         B           Steel         40%         4+         \$34,000         2021         \$340,100         B           Steel         40%         4+         \$34,000         2021         \$340,100         B           Corrosion, Extent: Light, Area Affected: 20%         Location: Stations 0+00 To 4+00 Form South         Stations 0+00 To 4+00 Form South					ulkhead.			
Not Accessible         10%         D           Deck Elements         Railing         Steel         40%         2021         \$340,100         B           Steel         40%         4+         \$34,000         2021         \$340,100         B           Steel         40%         4+         \$34,000         2021         \$340,100         B           Corrosion, Extent: Light, Area Affected: 20%         Location: Stations 0+00 To 4+00 Form South         Stations 0+00 To 4+00 Form South	No Component		r					D
Deck Elements         Railing         Steel       40%       2021       \$340,100       B         Steel       40%       4+       \$34,000       2021       \$340,100       B         Corrosion, Extent: Light, Area Affected: 20%         Location: Stations 0+00 To 4+00 Form South								
Railing Steel 40% 2021 \$340,100 B Steel 40% 4+ \$34,000 2021 \$340,100 B  **Corrosion, Extent: Light, Area Affected: 20% Location: Stations 0+00 To 4+00 Form South		1070						
Steel       40%       2021       \$340,100       B         Steel       40%       4+       \$34,000       2021       \$340,100       B         Corrosion, Extent: Light, Area Affected: 20%         Location: Stations 0+00 To 4+00 Form South								
Steel       40% 4+ \$34,000 2021 \$340,100       B         Corrosion, Extent : Light, Area Affected : 20%         Location : Stations 0+00 To 4+00 Form South	<u>c</u>	40%		2021	\$340,100			В
Location: Stations 0+00 To 4+00 Form South	Steel	40% 4+	\$34,000	2021				В
		Corrosion, Exten	nt : Light, Area Affecte	d: 20%				
No Component 20% D		Location : Stat	ions 0+00 To 4+00 Fo	orm South				
110 Component 2070	No Component	20%						D

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$418,400	\$1,252,700
Total	\$418,400	\$1,252,700
Priority A	\$418,400	
Priority B		\$1,252,700
Total	\$418,400	\$1,252,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$51,600		\$6,600	
Total	\$51,600		\$6,600	
Priority A	\$32,800			
Priority B	\$18,800		\$6,600	
Priority C				
Total	\$51,600		\$6,600	



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD

Asset #: 1744

Bulkheads	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Coping/Curb	1000/	LIEE	* *	_	¢1 100	C
Concrete	100% Cracking, Extent : Light, Area Affected Location : Throughout	LIFE l : 5%		5	\$1,100	С
Gravity Wall						
Concrete	35% 4+ \$184,800 Cracking, Extent : Moderate, Area Affo Location : Throughout		* *	5	\$1,600	A
	Erosion, Extent : Light, Area Affected . Location : Throughout	: 2%				
Stone	5% 4+ \$32,800 Cracking, Extent : Moderate, Area Affa Location : Throughout	LIFE ected : 2%	* *	5	\$4,900	A
	Erosion, Extent : Light, Area Affected . Location : Throughout	: 2%				
Stone	25%	LIFE	* *	5	\$24,400	A
No Component	35%					D
Pile Supported Wall Concrete	35% 4+ \$233,600  Other Observation, Extent: Moderate,  Location: Throughout	2032 Area Affe	* * cted : 25%	5	\$8,100	A
	Explanation : Erosion And Cracking					
No Component	65%					D
Piles and Bracing	30,0					
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	100%					D
Asphalt Pavers	100% Settlement, Extent: Light, Area Affecte		**	5 	\$13,200	В
Deals Elements	Location: Stations 3+16 To 5+00, 1	υ+δU 10 1	1+30, Ana 13+00	10 15+0	os rrom south	
Deck Elements Railing						
Steel	85%	2021	\$1,064,800			В
Steel	15% 4+ \$18,800 Corrosion, Extent : Light, Area Affecte Location : Throughout	2021	\$187,900			В

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

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$267,100	\$545,100
Total	\$267,100	\$545,100
Priority A	\$267,100	\$35,400
Priority B		\$509,700
Total	\$267,100	\$545,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads			\$300	
Total			\$300	
Priority B			\$300	
Total			\$300	_



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD

Bulkheads		Current R	Repair	Future	e Replacement	M	aintenance	
System Component Type		Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Gravity Wall								
Stone	5%	0-2	\$59,400	LIFE	* *	5	\$4,400	A
			: Severe, Area Affe					
	Location :	2 Course	es Of Grout Loss 6	Inches H	igh Up To 2 Ft De	гер		
Stone	35%	4+	\$207,700	LIFE	* *	5	\$30,900	A
	Other Obse	rvation, E	xtent : Light, Area	Affected	: 5%			
	Location :	Periodic	Throughout In Tid	lal Zone				
	Explanation	on : Groui	t Loss					
Not Accessible	60%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt Pavers	95%			2039	* *	5	\$11,300	В
	Recent Repl	lace Evide	ent, Extent : Light,	Area Affe	ected : 50%			
	Location :	Southern	Half Is Recently N	Vew; Nort	thern Half Is Unde	er Constr	ruction	
Concrete	5%			2037	* *	5	\$600	В
	Cracking, E	Extent : Lis	ght, Area Affected	: 5%				
	Location :							
Deck Elements								
Railing								
Steel	45%			2024	\$509,700			В
	Recent Repl	lace Evide	ent, Extent : Light,	Area Affe				
	_		Section Is Under			ced; Sou	thern Portion	
	Belongs T	o Platforn	n Asset					
No Component	55%							D

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$900	\$600		
Total	\$900	\$600		
Priority A				
Priority B	\$900	\$600		
Total	\$900	\$600		



#### 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	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Gravity Wall						
Concrete	12%	LIFE	* *	5	\$100	A
Not Accessible	88%					D
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Asphalt	35%	2031	* *	5	\$1,200	В
	Cracking, Extent : Light, Are	a Affected : 5%				
	Location: Throughout					
	Settlement, Extent : Light, Ar	ea Affected : 2%				
	Location: Isolated					
Concrete	50%	2035	* *	5	\$1,700	В
Stone	15%	2035	* *	10		В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 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 Lot : 50 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$377,700	
Total	\$377,700	
Priority A	\$377,700	
Total	\$377,700	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$100			
Total	\$100			
Priority A	\$100			
Total	\$100			



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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD

Bulkheads	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year Es	timated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Relieving Platform Top Concrete	10%	LIFE	* *	5-10	\$200	A
Not Accessible	90% Other Observation, Extent : I	Light, Area Affected : 09	%			D
	Location:		01.41	an i	T. 177 1 7 1 7	
	Explanation : Inaccessible Accessible.	Due 10 F. D. K. Roadw	ay, Only A Less	s I han I	Ft Wide Ledge Is	
Pile Supported Wall						
Conc w/Stone Face	40% Now \$ Other Observation, Extent: S Location: Bottom Half Of V Explanation: Missing Gran	Wall	**	5	\$7,800	A
Conc w/Stone Face		137,900 LIFE	* *	5	\$6,800	A
Colic W/Stolle Pace	Other Observation, Extent: I Location: At Wall Ends Explanation: Spalling On V	Moderate, Area Affected		3	φυ,ουυ	A
Not Accessible	25%	wans Ai Ouijan Openin	8			D
Piles and Bracing	2370					
Not Accessible	100%					D
Sheet Piles						
Steel		\$82,100 LIFE	* *			A
	Corrosion, Extent : Moderate Location : Piles Set Back F					
Not Accessible	50%					D
Backfill						
Fill						
Not Accessible	100%					D
Surface Not Accessible	100%					D
Deck Elements	100%					ע
Parapet						
Concrete	100%	2028	* *			В

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$288,900	\$40,900
Total	\$288,900	\$40,900
Priority A	\$288,900	\$40,900
Total	\$288,900	\$40,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$400			\$6,100
Total	\$400			\$6,100
Priority A	\$400			
Priority B				\$6,100
Total	\$400			\$6,100



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD / PIER 36 TO SO. SIDE PIER 42

Bulkheads	Cu	rrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Gravity Wall							
Concrete	10%		LIFE	* *	5-10	\$900	A
Stone	45%		LIFE	* *	5	\$81,800	A
No Component	45%						D
Pile Supported Wall							
Concrete		4+ \$248,100	2033	* *	5	\$4,300	A
	Other Observa	ttion, Extent : Light, Area	ı Affected	: 15%			
	Location: Pe	eriodic Throughout					
	Explanation	: Erosion In Tidal Zone					
No Component	80%						D
Piles and Bracing							
No Component	80%						D
Not Accessible	20%						D
Sheet Piles							
Steel	25%		LIFE	* *	10		A
	Corrosion, Ext	tent : Light, Area Affected	1:30%				
	Location: O	lder Sheet Piles					
No Component	75%						D
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt	65%		2033	* *	5	\$8,000	В
Concrete	35%		2033	* *	5	\$4,300	В

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Bulkheads			\$4,800	
Total			\$4,800	
Priority A				
Priority B			\$4,800	
Total			\$4,800	



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

#### 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 C Total (Years)	ost Year Esti FY	mated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Gravity Wall						
Concrete	5%	LIFE	* *	5	\$200	A
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	\$5,400	В
	Cracking, Extent : Light, Area Affec	cted : 5%				
	Location: Throughout					
Asphalt Pavers	40%	2032	* *	5	\$4,300	В
•	Other Observation, Extent : Light, A	Area Affected : 209	%		. ,	
	Location : Throughout					
	Explanation : Surface Wear					
Stone	10%	2032	* *	10		В
	Other Observation, Extent : Light, A		%			
	Location: Throughout					
	Explanation : Missing Grout					

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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**

**Total** 

Priority

**Total** 

Total	\$45,500	\$200	\$5,200	
Priority C				
Priority B		\$200	\$5,200	
Priority A	\$45,500			
Total	\$45,500	\$200	\$5,200	
Bulkheads	\$45,500	\$200	\$5,200	
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD E. 54 TO E. 59 ST. E.R.

Asset #: 1749

Bulkheads	Current	Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year Es FY	stimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Relieving Platform Top	20/ 1	ф1 4 400	LIDE	* *			
Concrete/Stone	3% Now Cracking, Extent: M Location: Through Missing Part, Extent Location: Through	nout : Severe, Area Affe		* *			A
No Component Not Accessible	95% 2%						D D
Gravity Wall							
Conc w/Stone Face	34% Cracking, Extent: M Location: Through	nout		* *	5	\$31,200	A
	Erosion, Extent : Lig Location : Through		10%				
Conc w/Stone Face	1% Now Missing Part, Extent Location: At Static			* *	5	\$900	A
No Component	35%						D
Not Accessible	30%						D
Piles and Bracing Not Accessible	100%						D
Revetment							
Stone No Component	15% 85%		LIFE	* *	5	\$900	C D
Sheet Piles	6370						D
Steel	15%		LIFE	* *			A
	Corrosion, Extent : 1 Location : In Splas						
No Component	70%						D
Not Accessible	15%						D
Lowlevel Pile Caps							
Timber	1% Now Rotting/Splitting, Ex Location : Through		LIFE Affected : 50	**			A
Timber	1%  Rotting/Splitting, Ex  Location : Through	-	LIFE ffected : 25%	* *			A
Not Accessible	98%						D
Backfill Fill							
Not Accessible	100%						D
Surface							
Asphalt	90%		2032	* *	5	\$10,500	В
Topsoil	10%		2021	\$6,200	5	\$500	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.

<sup>\*\*</sup> 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 Repair	Future Ro	eplacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es FY	timated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Deck Elements Railing						
Fencing No Component	30% 70%	2024	\$18,800	3	\$200	B D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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

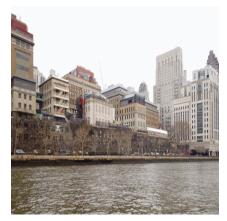
Date of Survey : 13-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 1482 Lot : 60 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$77,800	\$1,899,400
Total	\$77,800	\$1,899,400
Priority A	\$77,800	\$43,500
Priority B		\$1,855,900
Total	\$77,800	\$1,899,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$20,700		\$9,800	
Total	\$20,700		\$9,800	
Priority A	\$20,700			
Priority B			\$9,800	
Total	\$20,700		\$9,800	



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD E. 63 TO E. 71 ST. E.R.

Type	Bulkheads	Current F	Repair	Future	Replacement	M	aintenance	
Concrete/Stone	Component		<b>Estimated Cost</b>		<b>Estimated Cost</b>		<b>Estimated Cost</b>	Priority Code
Concrete/Stone								
Concrete/Stone		20/ 37	Φ1 <b>2</b> 100	T TEE	ماد ماد			
Cracking   Extent : Light, Area Affected : 25%   Location : Throughout	Concrete/Stone	Erosion, Extent : Seve Location : Stations Missing Part, Extent	ere, Area Affected 20+00 To 20+89 : Severe, Area Affe	: 25%				A
Cracking, Extent : Light, Area Affected : 25%   Location : Throughout	Concrete/Stone	3%		LIFE	* *			Α
Not Accessible	Concrete/stone	Cracking, Extent : Lig Location : Through Erosion, Extent : Ligi	out ht, Area Affected :	: 25%				71
Not Accessible	No Component	90%						D
Conc w/Stone Face   3%	Not Accessible							
Displaced Elements, Extent : Moderate, Area Affected : 20%   Location : Isolated Locations		Erosion, Extent : Mod			* *	5	\$4,600	A
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Stone	Displaced Elements,				5	\$40,600	A
Not Accessible   25%   D	Stone	Other Observation, E Location: 13+20 T	Extent : Severe, Are to 14+00 And 2+25	a Affected 5 To 2+40	d: 2%	5	\$2,900	A
Not Accessible   25%   D	No Component	10%						D
Not Accessible   2%   D	=							
No Component   90%   D								
Not Accessible 10% D  Lowlevel Pile Caps Timber 1% Now \$8,600 LIFE ** A  Rotting/Splitting, Extent: Severe, Area Affected: 50% Location: Stations 19+00 To 20+89 From North  Timber 1% LIFE ** A  Rotting/Splitting, Extent: Light, Area Affected: 25% Location: Throughout  No Component 90% D Not Accessible 8% D  Backfill Fill	Piles and Bracing							
Timber 1% Now \$8,600 LIFE ** A  Rotting/Splitting, Extent: Severe, Area Affected: 50% Location: Stations 19+00 To 20+89 From North  Timber 1% LIFE ** A  Rotting/Splitting, Extent: Light, Area Affected: 25% Location: Throughout  No Component 90% D Not Accessible 8% D  Backfill Fill	No Component	90%						D
Timber	Not Accessible	10%						D
Rotting/Splitting, Extent : Light, Area Affected : 25% Location : Throughout  No Component 90% D Not Accessible 8% D  Backfill Fill		Rotting/Splitting, Ext	ent : Severe, Area	Affected :	50%			A
Not Accessible 8%  Backfill Fill	Timber	Rotting/Splitting, Ext						A
Backfill Fill	No Component	90%						D
Fill	*	8%						
	Backfill Fill							
	Not Accessible	100%						D

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

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

#### 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	<b>Estimated Cost</b>	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill						
Surface						
Asphalt Blocks	100%	2032	* *	5	\$19,500	В
	Settlement, Extent : Light, Area Affected	<i>l</i> : 2%				
	Location:					
	Other Observation, Extent: Moderate,	Area Affe	cted : 5%			
	Location: Isolated Throughout					
	Explanation : Settlement At Planters A	And Utiliti	ies			
Deck Elements						
Railing						
Steel	100%	2021	\$1,855,900			В
	Missing Coating, Extent : Light, Area A	ffected : I	15%			
	Location: Throughout					

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$152,800	\$697,200
Total	\$152,800	\$697,200
Priority A	\$152,800	
Priority B		\$697,200
Total	\$152,800	\$697,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$32,500		\$2,900	
Total	\$32,500		\$2,900	
Priority A				
Priority B	\$32,500		\$2,900	
Total	\$32,500		\$2,900	



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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD E. 78TH TO E. 81ST ST.

Bulkheads	Current Repair	Future Replacement	N	Maintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cos FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural					
Facing	2004		at.		<b>a</b>
Concrete	20% Mechanical Damage, Extent : Mod Location : At South End Of Bulki	==	*		С
No Component	70%				D
Not Accessible	10%				D
Gravity Wall					
Conc w/Stone Face	5% Now \$89, Missing Part, Extent: Severe, Are Location: Stations 0+00, 3+89,	a Affected : 15%	3	\$3,100	A
Conc w/Stone Face	20%	LIFE *		\$12,600	A
Conc w/stone race	Displaced Elements, Extent: Mod Location: Evident Topside Statio 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	\$12,600	A
Concrete	5% 2-4 \$63,		* 5	\$100	A
	Cracking, Extent : Moderate, Area Location : Throughout Spalling, Extent : Moderate, Area Location : Throughout	Affected : 10%			
Concrete	15% Cracking, Extent : Light, Area Affo Location : Throughout	LIFE * ected : 10%	* 5	\$400	A
Not Accessible	55%				D
Backfill Fill					
Not Accessible	100%				D
Surface					
Asphalt Pavers	72%	2032 *	5	\$5,700	В
Asphalt Pavers	20% 4+ \$32, Settlement, Extent : Light, Area Af Location : Throughout		* 5	\$800	В
Not Accessible	8%				D
Deck Elements					
Railing					
Steel	92% Other Observation, Extent: Light, Location: Throughout	2021 \$697,20 Area Affected : 15%	0		В
	Explanation: Coating Loss				
Not Accessible	8%				D

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$131,600	\$40,000
Total	\$131,600	\$40,000
Priority A	\$131,600	
Priority B		\$40,000
Total	\$131,600	\$40,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$100		\$3,700	\$100
Total	\$100		\$3,700	\$100
Priority B	\$100		\$3,700	\$100
Total	\$100		\$3,700	\$100



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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD E. 81ST TO E. 84TH ST.

Bulkheads	Current Repai	r Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Sheet Piles						
Steel	30% 4+	\$131,600 LIFE	* *			Α
	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	\$7,400	В
	Cracking, Extent : Light, A	rea Affected : 5%				
	Location: Throughout A	t Top Of Bulkhead				
	Spalling, Extent : Light, Ar	rea Affected : 5%				
	Location : Throughout A					
Deck Elements						
Railing						
Fencing	100%	2024	\$40,000	3	\$300	В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$129,100	\$696,800
Total	\$129,100	\$696,800
Priority B	\$129,100	\$696,800
Total	\$129,100	\$696,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$22,500		\$1,100	\$100
Total	\$22,500		\$1,100	\$100
Priority A	\$22,400			
Priority B	\$100		\$1,100	\$100
Total	\$22,500		\$1,100	\$100



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD E.48 TO E.54 ST. E.R.

Asset #: 1748

Bulkheads	Current Re	epair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Relieving Platform Top							
Concrete/Stone	45%		LIFE	* *			A
Concrete/Stone	5% 2-4	\$15,700	LIFE	* *			Α
	Erosion, Extent : Mod			· D.L. C			
	Location : Along Top		_	-			
	Exposed Reinforcemen		ate, Area	Affected: 5%			
	Location: Througho		. CC . 1	50/			
	Missing Part, Extent:		55				
	Location : Along Top			Ріацогт			
	Spalling, Extent: Mod		rea : 5%				
	Location : Througho	ит 					
Not Accessible	50%						D
Piles and Bracing							_
Not Accessible	100%						D
Lowlevel Pile Caps	40/ 37	<b>4.5700</b>	* ****	de de			
Timber	1% Now	\$6,700	LIFE	**			A
	Rotting/Splitting, Extended Location: Througho		Affected :	. 30%			
Timber	1%		LIFE	* *			Α
	Rotting/Splitting, Extended Location: Througho	0 .	ffected : 2	25%			
Not Accessible	98%						D
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt Pavers	39% 2-4	\$121,300	2032	* *	5	\$3,000	В
	Settlement, Extent : Lig Location :	ght, Area Affectea	l : 5%				
Asphalt Pavers	1% 0-2	\$7,800	2032	* *	5	\$100	В
Filler Carrette	Settlement, Extent : Se					7-55	_
	Location : At Station						
Concrete	15%		2032	* *	5	\$2,300	В
Concrete	Cracking, Extent: Mo	derate. Area Affe			5	Ψ2,300	D
	Location : Througho						
Not Accessible	45%						D
Deals Elements	T3/0						<u> </u>

Deck Elements

<sup>\*\*</sup> 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 Estimate Total (Years)	ed Cost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Deck Elements						
Railing						
Fencing	55%	2024	\$45,200	3	\$400	В
	Corrosion, Extent : Moderate, A	Area Affected : 10%	%			
	Location: On External Steel Supports Throughout					
	Other Observation, Extent : Light, Area Affected : 100%					
	Location : Along Fdr Drive	,				
	Explanation : On Top Of Para	apet Wall				
Steel	45%	2021	\$651,700			В
	Missing Coating, Extent: Light, Area Affected: 10%					
	Location: Station 4+00 To 7					
Parapet						
Concrete	55%	2024				В
	Cracking, Extent : Light, Area	Affected : 2%				
	Location: Throughout					
No Component	45%					D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads		\$1,233,700
Total		\$1,233,700
Priority A		\$46,300
Priority B		\$1,187,400
Total		\$1,233,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads			\$6,200	
Total			\$6,200	
Priority B Priority C			\$6,200	
Total			\$6,200	



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD GRAVITY WALL/RELIEVING PLATFORM

Bulkheads	Current Repair	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year E FY	Sstimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Structural							
Relieving Platform Top							
No Component	90%					D	
Under Construction	10%					D	
Coping/Curb							
Concrete	90%	LIFE	* *	5	\$1,000	C	
	Cracking, Extent : Light, Area Affect	ed : 2%					
	Location: Throughout						
<b>Under Construction</b>	10%					D	
Gravity Wall							
Stone	45%	LIFE	* *	5	\$46,300	A	
	Spalling, Extent : Moderate, Area Afj	fected : 25%					
	Location: At Concrete Patches						
	Other Observation, Extent : Light, A	rea Affected : 2	25%				
	Location: Throughout						
	Explanation: 25% Of Grout Missir	ıg					
No Component	10%					D	
No Component	10%					D	
Not Accessible	35%					D	
Backfill							
Fill							
Not Accessible	90%					D	
Under Construction	10%					D	
Surface							
Asphalt	5%	2032	* *	5	\$700	В	
	Settlement, Extent : Light, Area Affec	cted : 50%					
	Location: Throughout						
Asphalt Pavers	85%	2032	* *	5	\$11,800	В	
•	Settlement, Extent : Moderate, Area	Affected : 50%					
	Location: Station 0+67 From Sout						
	Other Observation, Extent: Light, A	rea Affected : 1	10%				
	Location : Throughout						
	Explanation : Settlement						
Under Construction	10%					D	
Deck Elements							
Railing							
Steel	90%	2021	\$1,187,400			В	
	Other Observation, Extent : Light, A						
	Location: Stations 0+00 To 5+00	55					
	Explanation: Corrosion						
Under Construction	10%					D	
	***						

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$202,200	\$44,300
Total	\$202,200	\$44,300
Priority A	\$126,400	\$44,300
Priority B	\$75,800	
Total	\$202,200	\$44,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$400		\$700	
Total	\$400		\$700	
Priority A	\$400			
Priority B			\$700	
Total	\$400		\$700	



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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD PIER 42

Bulkheads		Current Repair		Futur	Future Replacement		Maintenance	
System Component Type	% of 1 Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Gravity Wall								
Concrete	5% Spalling, E. Location		\$39,900 ere, Area Affected	LIFE : 75%	* *	5	\$200	A
Concrete	10%			LIFE	* *	5-10	\$700	A
Stone	10%	4+	\$49,600	LIFE	* *	5	\$7,400	A
	Location .	: Through	Extent : Severe, Are		d : 75%		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Stone	50%			LIFE	* *	5	\$73,800	A
Not Accessible	25%						, ,	D
Backfill Fill Not Accessible	100%							D
Surface								
Asphalt	60% 4+ \$53,500 2039 ** 5 \$3,000 Cracking, Extent: Light, Area Affected: 10% Location: Periodic Throughout						В	
Asphalt	25% Missing Pa Location		\$22,300 : Severe, Area Affe ad	2039 cted : 20	**	5	\$1,200	В
Concrete	_		ght, Area Affected . Throughout	2037 · 10%	* *	5	\$1,500	В

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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**

**Total** 

Priority

Total

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$55,200	\$400		
Total	\$55,200	\$400		
Priority A	\$8,400			
Priority B	\$38,500	\$400		
Priority C	\$8,300			
Total	\$55,200	\$400		



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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD STEEL WITH CONCRETE CAP

Bulkheads	Current	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Coping/Curb							
Timber	30%		LIFE	* *	5		C
Timber	50% Now	\$8,300	LIFE	* *	5	\$100	C
	Broken, Extent : Sev Location : Split, B	vere, Area Affected : roken, Or Missing (					
No Component	20%						D
Sheet Piles							
Steel	25%		LIFE	* *			A
	Corrosion, Extent:		l: 100%				
	Location: Through	hout					
Steel	5% 4+	\$4,400	LIFE	* *			A
	Corrosion, Extent:	Moderate, Area Affe	ected : 1005	%			
	Location: Splash	Zone; Webs Of Stee	l Wales Co	rroded Through			
Not Accessible	70%						D
Pile Caps							
Concrete	50% 2-4	\$4,100	LIFE	* *	5	\$400	A
	Spalling, Extent : M Location : Modera 3+11	oderate, Area Affect te Spalling From 0-			At 1+54	4, 1+64, 2+05,	
Concrete	50%		LIFE	* *	5	\$400	A
Backfill						·	
Surface							
Concrete	30%		2031	* *	5	\$900	В
Topsoil	65%		2020	\$10,300	5	\$800	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' Wi	de 4' Deep Behir	id Sheet	Pile Wall	
Fender							
Piles							
Timber	25% Now	\$13,800	2037	* *	4	\$1,500	В
	Rotting/Splitting, Ex	tent : Severe, Area I	Affected : 1	100%			
	Location: Station	2+15 To 3+33; Bro	oken, Rottin	ig, Split Fender H	Piles		
No Component	55%						D
Not Accessible	20%						D
Wales and Chocks							
Timber	45% 0-2	\$23,500	2037	* *	4	\$6,300	В
	Rotting/Splitting, Ex		ea Affected	! : 100%			
	Location : Station	2+15 To 3+33					
No Component	55%						D

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$244,100	\$1,626,500
Total	\$244,100	\$1,626,500
Priority B		\$1,626,500
Priority C	\$244,100	
Total	\$244,100	\$1,626,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$63,500	\$13,900		
Total	\$63,500	\$13,900		
Priority A Priority B Priority C	\$63,500	\$13,900		
Total	\$63,500	\$13,900		



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD - HARLEM RIVER SEAWALL/REVETMENT/CRIBBING

Bulkheads		Current F	Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Gravity Wall								
Concrete	10%			LIFE	* *	5	\$1,500	A
		Extent : 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	l : 0%			
	Location	::						
	Explana	tion : Low-	water Timber Deck	d Of Low	Level Platform Is	Visible A	t Low Tide	
Revetment								
Stone	37%			LIFE	* *	5	\$8,100	C
Stone	3%	2-4	\$91,600	LIFE	* *	5	\$700	C
			: Moderate, Area A e Debris Revetment		: 50% ta 3+26 To Sta 4+	71 From	South	
Stone	2%	2-4	\$61,000	LIFE	* *	5	\$400	С
	Missing Po	art, Extent	: Moderate, Area A	Affected :	: 100%			
					a 11+20 From The	South		
Stone	3%	Now	\$91,600	LIFE	* *	5	\$700	С
Stone			: Moderate, Area A		: 50%	5	Ψ700	Č
	_				ta 6+05 To Sta 7+	60 From	South	
No Component	55%							D
Sheet Piles								
Steel	1%			LIFE	* *			A
		ervation, E	Extent : Light, Area		l : 100%			
			_		nt To Asphalt Walk	kway At S	outh Half Of	
	Asset	•			•	•		
	Explana	tion : Burie	ed In Topsoil Of Pla	anter				
No Component	70%							D
Not Accessible	29%							D
Backfill Fill								
Not Accessible	100%							D

<sup>\*\*</sup> 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	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Backfill							
Surface	<b>50</b> 0/		2026	* *	5	¢20,000	D
Asphalt	50%	:-1.4		de de	5	\$20,900	В
	Cracking, Extent : L Location : Isolated		3%				
		-	4 . 4 . 50	)/			
	Settlement, Extent : Location : Through		eciea : 57	<b>'0</b>			
Topsoil	5% 2-4	\$6,700	2022	\$11,200	5	\$400	В
•	Erosion, Extent: Me	oderate, Area Affect	ed : 50%				
	Location : Isolatea	l Throughout					
Topsoil	40%		2021	\$89,400	5	\$6,800	В
Topsoil	5% Now	\$6,700	2023	\$11,200	5	\$400	В
<b>.</b>	Settlement, Extent : Severe, Area Affected : 50%						
	Location : Isolatea	l Throughout					
Fender							
Piles							
Timber	35%		2019	\$273,500	4	\$46,000	В
	Broken, Extent : Sev	vere, 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	\$645,700	4	\$104,100	В
	Broken, Extent : Sev	ere, Area Affected :	100%	,		, , , , , ,	
		System Used To Be		On Gravity Wall	But Is No	Longer Used Or	
	Required.			•		_	
No Component	65%						D
Deck Elements							
Railing							
Steel	15%		2022	\$595,600			В
No Component	85%						D

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$2,642,400	\$35,000
Total	\$2,642,400	\$35,000
Priority A	\$2,642,400	
Priority B		\$35,000
Total	\$2,642,400	\$35,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$18,000		\$1,300	_
Total	\$18,000		\$1,300	
Priority A	\$18,000			
Priority B			\$1,300	
Total	\$18,000		\$1,300	



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD @ PILE SUPPORTED WHARF BET. NICKS LOBSTER & KINGS PLAZA

Bulkheads	Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Piles and Bracing							
Concrete	20% 0-2	\$791,800	LIFE	* *	5	\$700	Α
	Erosion, Extent : Severe	, Area Affected :	100%				
	Location : In Tidal Zoi	ne					
Not Accessible	80%						D
Sheet Piles							
Concrete	80% 2-4	\$1,850,600	LIFE	* *			A
	Other Observation, Exte	ent : Severe, Area	ı Affecte	d : 50%			
	Location : In Tidal Zoi	ne					
	Explanation: Erosion						
Not Accessible	20%						D
Pile Caps							
Concrete	100% 4+	\$18,000	LIFE	* *	5	\$1,700	A
	Corrosion of Reinforcen Location : Throughout		derate, .	Area Affected : 30	%		
	Spalling, Extent : Moder	rate, Area Affecte	ed : 30%	ó			
	Location : Throughout						
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Topsoil	100%		2022	\$35,000	5	\$2,700	В

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

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Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$66,200	
Total	\$66,200	
Priority A	\$66,200	
Total	\$66,200	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$22,000	\$900		\$100
Total	\$22,000	\$900		\$100
Priority A	444.000	***		4400
Priority B Priority C	\$22,000	\$900		\$100
Total	\$22,000	\$900		\$100



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

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

### DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD @PIER 35

Asset #: 1747

Bulkheads	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost 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 Explanation: Spalling	LIFE ** Area Affected : 10%	5 \$200	A
Concrete, 10' Water	15% Now \$66,20  Other Observation, Extent: Severe, Location: Inshore Of Pier 35 At C  Explanation: Collapsed	Area Affected : 100%	5 \$100	A
Not Accessible	35%			D
Coping/Curb	3370			
Concrete No Component	50% 50%	LIFE **	5	C D
Piles and Bracing				
Not Accessible	100%			D
Pile Caps Not Accessible	100%			D
Backfill Fill				
Topsoil	15% Now \$3,40 Other Observation, Extent: Severe, Location: Inshore Of Pier 35 Explanation: Sinkholes			В
Not Accessible	85%			D
Surface	0370			
Asphalt	50% 2-4 \$4,70 Settlement, Extent : Light, Area Affe Location : Inshore Of Pier 35		5 \$300	В
Asphalt	25% Now \$2,30 Other Observation, Extent : Severe, Location : Inshore Of Pier 35 Explanation : Sinkholes		5 \$100	В
Concrete	25% Cracking, Extent : Light, Area Affec Location : At Southwest Corner	2028 ** ted : 25%	5 \$300	В
Fender				
Piles				_
Timber	25%	2028 **	4 \$800	В
No Component	50%			D
Not Accessible	25%			D
Wales and Chocks Timber	25%	2028 **	4 \$1,900	В
Timber	25% Now \$11,60 Broken, Extent : Severe, Area Affect 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.

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

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Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : BULKHEAD @PIER 36

Address : BET CLINTON & MONTGOMERY STS. OFFSHORE END OF PIER 36

Borough : MANHATTAN Agency's Number : N/A

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$46,400	\$37,700
Total	\$46,400	\$37,700
Priority A		\$37,700
Priority C	\$46,400	
Total	\$46,400	\$37,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$8,500		\$6,400	\$4,200
Total	\$8,500		\$6,400	\$4,200
Priority A	\$8,500			\$4,200
Priority B			\$6,400	
Priority C				
Total	\$8,500		\$6,400	\$4,200



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

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

### DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD @PIER 36

Bulkheads		Current I	Repair	Future	Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Relieving Platform Top								
Concrete	2%	4+	\$8,500	LIFE	* *	5	\$100	Α
	_		oderate, Area Affe	cted : 15%	6			
			End Of Pier					
			derate, Area Affect	ted : 15%				
		: At North	End Of Pier					
Concrete	13%			LIFE	* *	5	\$500	Α
No Component	85%							D
Gravity Wall								
Concrete	25%			LIFE	* *	5	\$1,100	A
Stone	40%			LIFE	* *	5	\$37,700	A
	_		Extent : Moderate, .	Area Affe	cted : 2%			
	Location	: Isolated	Throughout					
No Component	30%							D
Not Accessible	5%							D
Piles and Bracing								
Timber	5%			2026	* *	4	\$8,300	Α
No Component	75%							D
Not Accessible	20%							D
Revetment								
Stone	5%	4+	\$46,400	LIFE	* *	5	\$300	C
			Aoderate, Area Affe					
	Location	: Through	out, Beneath Conc	rete Grav	ity Wall			
Stone	35%			LIFE	* *	5	\$2,300	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	\$10,200	В
	_		ght, Area Affected	: 5%				
	Location	: Isolated	Throughout					
Concrete	20%			2032	* *	5	\$2,500	В
	Cracking, I	Extent : Li	ght, Area Affected	: 5%				
	Location	: Isolated	Throughout					

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

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

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Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$142,100	\$105,700
Total	\$142,100	\$105,700
Priority A	\$142,100	
Priority B		\$105,700
Total	\$142,100	\$105,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$800		\$500	
Total	\$800		\$500	
Priority A Priority B Priority C	\$800		\$500	
Total	\$800		\$500	



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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD 77 PIER A

Bulkheads	Current Repair	Future	Future Replacement		ment Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year I FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Coping/Curb						
Concrete	100%	LIFE	* *	5	\$100	C
	Cracking, Extent : Light, Area	ı Affected : 5%				
	Location: Throughout					
Pile Supported Wall						
Conc w/Stone Face		142,100 LIFE	* *	5	\$2,300	A
	Other Observation, Extent : M.		ted : 25%			
	Location : Sta 0+50 To 0+7					
	Explanation : Displacement					
Conc w/Stone Face	70%	LIFE	* *	5	\$5,500	A
	Other Observation, Extent : L	ight, Area Affected :	40%			
	Location: Throughout					
	Explanation: Mason Wall,	Grout Loss				
Piles and Bracing						
Not Accessible	100%					D
Pile Caps						
Not Accessible	100%					D
ackfill						
Fill						
Not Accessible	100%					D
Surface						
Concrete	98%	2032	* *	5	\$1,100	В
	Cracking, Extent : Light, Area	ı Affected : 5%				
	Location : Throughout					
Concrete	2% 4+	\$800 2038	* *	5		В
	Cracking, Extent: Moderate,					
	Location : Sta 0+50 To 0+7	5 From Pier A				
Deck Elements						
Railing						
Steel	100%	2021	\$105,700			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 2015 - 2018	FY 2019 - 2024
Bulkheads		\$48,000
Total		\$48,000
Priority B		\$48,000
Total		\$48,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads		\$6,400	\$2,700	\$300
Total		\$6,400	\$2,700	\$300
Priority A				
Priority B		\$6,400	\$2,700	\$300
Total		\$6,400	\$2,700	\$300



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

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

### 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 Estimated Cos (Years)	st Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
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	\$1,400	A
No Component	65%						D
Not Accessible	10%						D
Pile Caps							
Not Accessible	100%						D
Backfill							
Surface							
Asphalt	35%		2032	* *	5	\$1,200	В
Concrete	20%		2032	* *	5	\$700	В
Not Accessible	45%						D
Fender							
Facing							
Timber	45%		2032	* *	3	\$5,200	В
No Component	55%						D
Piles							
Timber	8%		2026	* *	4	\$600	В
		plitting, Extent : Moderate, . n : Tidal Zone	Area Affecto	ed : 50%			
No Component	90%						D
Not Accessible	2%						D
Wales and Chocks							
Timber	80%		2032	* *	4	\$19,200	В
No Component	20%					•	D
Deck Elements							
Railing							
Steel	15%		2021	\$48,000			В
No Component	85%						D

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

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

Asset 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 2015 - 2018       FY 20         Bulkheads       \$273,700         Total       \$273,700         Priority A       \$273,700	
Bulkheads \$273,700	
CAPITAL FY 2015 - 2018 FY 20	
	19 - 2024

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$21,500		\$1,100	
Total	\$21,500		\$1,100	
Priority A	\$500			
Priority B	\$21,000		\$1,100	
Total	\$21,500		\$1,100	



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

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

### 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	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural		•				•
Piles and Bracing						
Steel	10%	LIFE	* *	5	\$4,200	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 Thr	oughout				
Steel	15% Now \$273,700		* *			A
	Excess Deflections, Extent: Severe, A		ed : 100%			
	Location: Station 0+80 To 1+24 Fr	om North				
Not Accessible	55%					D
Wales						
Steel	45%	LIFE	* *	5	\$2,900	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	\$4,900	5	\$1,900	A
	Corrosion, Extent : Light, Area Affecte	ed : 50%				
	Location : Throughout					
Steel	10% Now \$500	2028	* *	5	\$100	A
	Other Observation, Extent: Severe, A	55	ed : 100%			
	Location: Station 0+45 To 0+85 Fr	om North				
	Explanation : Missing Part					
Backfill						
Fill	40					_
Topsoil	10% Now \$6,600		**			В
	Other Observation, Extent: Severe, A.			C4	2 + 20 Eno M	
	Location: At Displaced Wall Sta 0+	00 10 1+2	24 Ana At Sinknole	station 2	5+30 From North	
NT . 4	Explanation: Fill Loss					
Not Accessible	90%					D

<sup>\*\*</sup> 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Backfill								
Surface								
Asphalt	40%			2032	* *	5	\$1,200	В
Asphalt	10%	Now	\$2,800	2038	* *	5	\$200	В
	Settlement	, Extent : S	evere, Area Affecte	d: 100%	ó			
	Location	: At Disple	aced Section Of Wo	ıll Statioi	n 0+80 To 1+25 F	rom Nor	th	
Concrete	30%			2032	* *	5	\$900	В
Concrete	10%	Now	\$11,100	2038	* *	5	\$200	В
	Settlement	, Extent : S	evere, Area Affecte	d: 100%	ó			
	Location	: At Disple	aced Section Of Wo	ıll Statior	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
	Settlement	, Extent : S	evere, Area Affecte	d: 100%	6			
	Location	: 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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$94,600	
Total	\$94,600	
Priority A	\$94,600	
Total	\$94,600	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads		\$200	\$2,800	
Total		\$200	\$2,800	
Priority A Priority B Priority C		\$200	\$2,800	
Total		\$200	\$2,800	



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

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

### DEPT. OF SMALL BUSINESS SERV. - 801 BULKHEAD, AT U.N. SCHOOL PIER

Bulkheads		Current Repair	Future Replacement		Maintenance			
System Component Type	% of 1 Total	Fail Date Estimated Cost (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Structural								
Revetment								
Stone	100%		LIFE	* *	5	\$4,200	С	
Sheet Piles								
Steel	20%	4+ \$94,600	LIFE	* *			A	
	Corrosion,	Extent : Moderate, Area Afj	fected : 10	0%				
	Location	: In Splash Zone						
Steel	40%		LIFE	* *			A	
Timber	40%		LIFE	* *	4	\$5,200	A	
Pile Caps								
Concrete	100%		LIFE	* *	5	\$2,100	A	
	Cracking, I	Extent : Light, Area Affected	: 5%					
	Location .	: Throughout						
Backfill								
Fill								
Not Accessible	100%						D	
Surface								
Asphalt	60%		2032	* *	5	\$4,800	В	
Concrete	10%		2032	* *	5	\$800	В	
Topsoil	10%		2021	\$4,300	5	\$300	В	
Not Accessible	20%						D	

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

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

Asset 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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$174,100	
Total	\$174,100	
Priority A	\$45,400	
Priority B	\$128,700	
Total	\$174,100	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads		\$100		
Total		\$100		
Priority A				
Priority B		\$100		
Total		\$100		



## DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL BULKHEAD

	Current Repair			e Replacement		aintenance	
System Component Type	of Fail Date tal (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Pile Supported Wall		*			_		
	0% 4+	\$45,400	2032	* *	5	\$1,600	A
	Observation, ation : Above l	Extent : Moderate, A	Area Affe	ected: 20%			
	lanation : Spal						
	00%	ung					D
Piles and Bracing	070						D
•	95%						D
Not Accessible	5%						D
Sheet Piles							
Steel	5%		LIFE	* *			A
		Light, Area Affected	: 25%				
Loc	ation : Above l	Mlw Elevation					
No Component	0%						D
Not Accessible	75%						D
Wales							
~	.0%		LIFE	* *	5	\$1,900	A
		Light, Area Affected	: 25%				
	ation : Through	nout					
	00%						D
Backfill							
Fill Not Accessible	00%						D
Surface	70 70						<u> </u>
	0% Now	\$128,700	2038	* *	5	\$1,800	В
	Observation,	Extent : Severe, Are		ed : 100%		+-,	_
		North Side Of Pier 6	00				
Exp	lanation : Coll	apsed Structure					
Not Accessible	50%						D
Other	Observation,	Extent : Light, Area	Affected	!:0%			
Loc	ation : Throug	hout					
	lanation : New	Fencing					
Deck Elements							
Railing	<b>10</b> 0/		2020	* *	2	<b>\$200</b>	D
2	00% t Panlaga Evid	lent, Extent : Light, .	2028		3	\$300	В
	ation : Throug	_	тен Ајј	etiea . 10070			

<sup>\*\*</sup> 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

Program / Asset # : DBSR026.024 / 23 Yr Built/Renovated :

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 2015	FY 2016	FY 2017	FY 2018
Bulkheads		\$100	\$200	\$1,700
Total		\$100	\$200	\$1,700
Priority B Priority C		\$100	\$200	\$1,700
Total		\$100	\$200	\$1,700



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL BULKHEAD

Bulkheads	Current Repa	Current Repair Future R		Maintenance		
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Revetment						
Stone	85%	LIFE	* *	5	\$1,600	C
	Missing Part, Extent : Lig Location : Random	ght, Area Affected : 10%	ó			
	Recent Repair Evident, E.	rtant Light Arag Affac	otad : 500/			
	Location : Throughout	xieni . Ligni, Area Ajjec	nea . 50%			
No Component	15%					D
Sheet Piles						
Steel	15%	LIFE	* *			A
	Corrosion, Extent : Light Location : Throughout	, Area Affected : 100%				
No Component	85%					D
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Asphalt	10%	2032	* *	5	\$400	В
Cobblestone	75%	2043	* *	5	\$3,500	В
Gravel	15%	2036	* *	2-5	\$100	В
Deck Elements						
Railing						
Fencing	100%	2028	* *	3	\$100	В
	Recent Replace Evident, Location: Throughout	Extent : Light, Area Affe	ected : 100%			

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

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$995,800	
Total	\$995,800	
Priority A	\$935,700	
Priority C	\$60,100	
Total	\$995,800	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$9,000		\$200	
Total	\$9,000		\$200	
Priority A Priority B Priority C	\$9,000		\$200	
Total	\$9,000		\$200	



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 BUSH TERMINAL BULKHEAD

Bulkheads	Curren	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Gravity Wall							
Concrete	85% 4+	\$896,100	LIFE	* *	5	\$1,000	A
		Light, Area Affected	d : 40%				
	Location : Throug						
Concrete	15% 4+	\$39,500	LIFE	* *	5	\$200	Α
		Ioderate, Area Affec	ted : 10%				
	Location : Throug						
		Extent: Moderate, A					
	=	nt To Support Piles I	At Station	1+80			
	Explanation : Und	lermining					
Piles and Bracing	4.0				_	<b>*</b> 4 4 0 0	
Steel	10%		LIFE	* *	5	\$4,400	A
Not Accessible	90%						D
Revetment	<b>5.5</b> 0.4			de de	_	<b>4.200</b>	<b>a</b>
Stone	75%	Φ24.000	LIFE	* *	5	\$1,300	C
Stone	ne 10% Now \$24,000 LIFE  Missing Part, Extent : Moderate, Area Affected : 50%		5	\$200	C		
	Location : At Stat		ујестеа .	3076			
Stone	15% 2-4	\$36,100	LIFE	* *	5	\$300	С
	Missing Part, Exter	Missing Part, Extent: Moderate, Area Affected: 25%					
	Location : Isolate	d Throughout					
Sheet Piles							
Timber	50%		LIFE	* *	4	\$2,700	A
Not Accessible	50%						D
Backfill Fill							
Not Accessible	100%						D
Surface							
Concrete	15%		2032	* *	5	\$500	В
Topsoil	85% Now	\$9,000	2023	\$15,000	5	\$600	В
_	Other Observation,	Extent : Severe, Are	a Affected	d: 10%			
	Location : Isolate	d Locations					
	Explanation : Sett	lement					
Deck Elements							
Railing							
Fencing	100%		2024	\$17,700	3	\$200	В

<sup>\*\*</sup> 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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$1,017,700	\$87,000
Total	\$1,017,700	\$87,000
Priority A	\$936,300	
Priority B	\$81,400	\$87,000
Total	\$1,017,700	\$87,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$21,100			\$2,900
Total	\$21,100			\$2,900
Priority A	\$10,300			
Priority B	\$10,900			\$2,900
Priority C				
Total	\$21,100			\$2,900



<sup>\*\*</sup> 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 Replaceme	ent M	Maintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Estimated (FY	Cost Cycle (Yrs)	Estimated Cost	Priority Code
tructural Relieving Platform Top Concrete	5% Now \$34 Other Observation, Extent : Se Location : At South End Explanation : Structure Faile		** 5	\$700	A
No Component	95%	<u> </u>			D
Piles and Bracing Timber	5% Now \$5! Other Observation, Extent : Se Location : at south end Explanation : Structure Faile		** 4	\$26,600	A
No Component	95%				D
Revetment Stone	85% Recent Replace Evident, Exten Location : New Stone Revetm		** 5	\$18,100	С
No Component	5%				D
Under Construction	10%				D
Pile Caps Timber	5% Now \$ Other Observation, Extent : Se Location : at south end Explanation : Structure Faile		** 4	\$1,400	A
No Component	95%				D
ackfill Fill					
Topsoil	5% Now \$- Other Observation, Extent : Se Location : At South End Explanation : Structure Faile		* *		В
Not Accessible	95%				D
Surface Stone	40% Recent Replace Evident, Extend Location : Inshore Of Revetm		** 10		В
Topsoil		10,900 2023 \$10. vere, Area Affected : 100%	,900 5	\$400	В
Topsoil	35%  Recent Replace Evident, Extent Location: Inshore Of Revetm	2023 \$76. t : Light, Area Affected : 100%	,100 5	\$5,800	В
Under Construction	20%  Other Observation, Extent: Lig  Location: Near 47th Street  Explanation: Filter Fabric In	ght, Area Affected : 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.

<sup>\*\*</sup> 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 REVETMENT NORTH SIDE OF PIER 4

Bulkheads	Current Repair	Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fender						
Piles						
Timber	5% Now \$38,0	00 2038	* *	4	\$4,300	В
	Other Observation, Extent: Severe,	Area Affecte	ed : 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**

**Total** 

Priority

**Total** 

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$37,800			\$900
Total	\$37,800			\$900
Priority A	\$32,600			
Priority B	\$4,800			\$900
Priority C	\$400			
Total	\$37,800			\$900



<sup>\*\*</sup> 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	Futur	e Replacement	М	aintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
tructural							
Coping/Curb				_			
Stone	100%	LIFE	* *	5	\$800	C	
	Other Observation, Extent: Light, Area		: 10%				
	Location: Throughout At Top Of War Explanation: Partial Loss Of Mortar		And Ioint Seal				
Gravity Wall	Explanation . I arrai 2000 of mortal	Beauting	ina your Bear				
Concrete	95%	LIFE	* *	5-10	\$1,800	A	
	Cracking, Extent: Light, Area Affected	: 5%					
	Location: Throughout In Upper 10 F	t Of Wall					
	Spalling, Extent : Light, Area Affected : Location : Isolated At Joints	2%					
	Other Observation, Extent : Light, Area	a Affected	: 5%				
	Location : Throughout In Upper 10 F	t Of Wall					
	Explanation: Efflorescence						
Concrete	5% 4+ \$31,700	LIFE	* *	5		A	
	Cracking, Extent : Moderate, Area Affe	cted : 100	)%				
	Location: In Upper 10 Ft Of Wall At Southern 60ft Of Asset						
	Spalling, Extent : Moderate, Area Affec						
	Location: At Construction Joints, Sta	tions 0+0	0 To 0+60 And 1+	-55 And 1	l+85 ( From		
Backfill	South)						
Fill							
Not Accessible	100%						
Surface						D	
						D	
Asphalt	70%	2033	* *	5	\$1,800	D B	
Asphalt	Cracking, Extent: Light, Area Affected		* *	5	\$1,800		
Asphalt		: 3%	* *	5	\$1,800		
Asphalt	Cracking, Extent : Light, Area Affected Location : Throughout	: 3%	**	5	\$1,800		
-	Cracking, Extent : Light, Area Affected Location : Throughout Settlement, Extent : Light, Area Affecte	: 3%	* *	5	\$1,800		
No Component	Cracking, Extent : Light, Area Affected Location : Throughout Settlement, Extent : Light, Area Affecte Location : Isolated Throughout	: 3%	* *	5	\$1,800	В	
No Component	Cracking, Extent : Light, Area Affected Location : Throughout Settlement, Extent : Light, Area Affecte Location : Isolated Throughout	: 3% d : 2%		5	\$1,800	В	
No Component Deck Elements	Cracking, Extent: Light, Area Affected Location: Throughout Settlement, Extent: Light, Area Affecte Location: Isolated Throughout 30%	: 3% d : 2% 2025	**	5	\$1,800	В	
No Component Deck Elements Parapet	Cracking, Extent: Light, Area Affected Location: Throughout Settlement, Extent: Light, Area Affecte Location: Isolated Throughout 30%  95% Erosion, Extent: Light, Area Affected:	: 3% d : 2% 2025 100%	**	5	\$1,800	B	
No Component Deck Elements Parapet	Cracking, Extent: Light, Area Affected Location: Throughout Settlement, Extent: Light, Area Affecte Location: Isolated Throughout 30%  95% Erosion, Extent: Light, Area Affected: Location: Erosion/ Scaling Throughout	: 3% d : 2% 2025 100% out Parapa	**	5	\$1,800	B	
No Component Deck Elements Parapet	Cracking, Extent: Light, Area Affected Location: Throughout Settlement, Extent: Light, Area Affecte Location: Isolated Throughout 30%  95% Erosion, Extent: Light, Area Affected: Location: Erosion/ Scaling Througho Other Observation, Extent: Light, Area	: 3% d : 2% 2025 100% out Parapa	**	5	\$1,800	B D	
No Component Deck Elements Parapet	Cracking, Extent: Light, Area Affected Location: Throughout Settlement, Extent: Light, Area Affecte Location: Isolated Throughout 30%  95% Erosion, Extent: Light, Area Affected: Location: Erosion/ Scaling Througho Other Observation, Extent: Light, Area Location: Atop Coping Throughout	2025 100% out Parape	**	5	\$1,800	B D	
No Component  Deck Elements  Parapet  Concrete	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 Bases	: 3% d: 2% 2025 100% out Parapa a Affected	** et : 5%	5	\$1,800	B D B	
No Component Deck Elements Parapet	Cracking, Extent: Light, Area Affected Location: Throughout Settlement, Extent: Light, Area Affecte Location: Isolated Throughout 30%  95% Erosion, Extent: Light, Area Affected: Location: Erosion/ Scaling Througho Other Observation, Extent: Light, Area Location: Atop Coping Throughout	2025 100% out Parapa a Affected edding 2025	** et : 5%	5	\$1,800	B	

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

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

Asset Name : 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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$351,600	
Total	\$351,600	
Priority A	\$257,200	
Priority B	\$39,900	
Priority C	\$54,500	
Total	\$351,600	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$1,500		\$5,500	
Total	\$1,500		\$5,500	
Priority A				
Priority B			\$5,500	
Priority C	\$1,500			
Total	\$1,500		\$5,500	



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 CONCRETE RETAINING WALL W/TIMBER CRIBBING FOUNDATION. BULKHEAD

Asset #: 13817

Bulkheads	Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Coping/Curb	100/ 4.	¢54.500	LIDE	* *	_	\$200	C
Stone	10% 4+ Other Observation, E Location : Through	out		: 30%	5	\$200	С
G.	Explanation: Loose	e Or Missing Morta		**		Φ2.000	
Stone	90%		LIFE	* *	5	\$2,900	С
Gravity Wall Conc w/Stone Face	10% 4+ Other Observation, E Location : Outboar Explanation : Loos	d Bulkhead Face Ir	ı Tidal Z		5 Of Asset	\$8,600	A
Concrete	67% 4+	\$117,400	LIFE	* *	5	\$2,600	A
	Cracking, Extent: Li Location: Outboar Erosion, Extent: Lig Location: Through Exposed Reinforceme Location: Spall Wi Spalling, Extent: Lig Location: From 60	ght, Area Affected . d Bulkhead Face A ht, Area Affected : - out Tidal Zone ent, Extent : Moder th Exposed Reinfor ht, Area Affected :	: 5% bove Mh 40% ate, Area cement 5 25%	Affected : 5% 20ft From North		. ,	
Concrete	3% Now Not Plumb, Extent : 1 Location : Wall Is 1				5 +95 And	\$100 10+30	A
Not Accessible	20%						D
Backfill	2070						
Fill	1000/						-
Not Accessible	100%						D
Surface Asphalt	100% Cracking, Extent: Li Location: Through Settlement, Extent: L Location: Isolated Other Observation, E Location: Isolated Explanation: Sinkle	out .ight, Area Affected Throughout Extent : Light, Area Between 1030ft An	! : 5% Affected		5 ecent To 1	\$10,900 H. R. D	В
Deck Elements							
Parapet							
Concrete	100% 4+ Erosion, Extent: Lig Location: Erosion/ Spalling, Extent: Lig Location: 180ft An Other Observation, E Location: Through Explanation: Mort	Scaling Throughou ht, Area Affected: d 265ft From North Extent: Moderate, P out	ut 25% h	* * cted : 25%			В

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

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

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

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$1,425,500	
Total	\$1,425,500	
Priority A	\$1,425,500	
Total	\$1,425,500	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$26,400			
Total	\$26,400			
Priority A				
Priority B	\$26,400			
Total	\$26,400			



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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 CRIBBING BULKHEAD

Bulkheads		Current l	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural Gravity Wall								
Timber Crib w/Stone	100%	Now	\$1,425,500	LIFE	* *	4	\$7,500	A
	Broken, E	xtent : Seve	ere, Area Affected : Members Through	50%		·	<i>\$7,000</i>	
	Missing Po	art, Extent	: Severe, Area Affe	cted : 15	· %			
	Location	: Collapse	ed Between Sta 0+0	00 And 0-	+47			
	Rotting/Sp	litting, Ext	ent : Severe, Area	Affected .	: 10%			
	Location	Location : Horizontal Timbers And Timber Piles Throughout						
	Tilting, Ex	tent : Seve	re, Area Affected :	100%				
	Location	: Full Len	gth					
			Extent : Severe, Are	a Affecte	ed: 1%			
		: West En	•					
	Explana	tion : Dete	rioration Of Concr	ete And S	Steel At Outfall			
Backfill								
Fill	200/		<b>#17.000</b>	T TEE	* *	-		ъ
Stone	20%	Now	\$15,900	LIFE		5		В
			derate, Area Affect Throughout At Top					
37		. Isoluleu	Inroughout At 10p	oj wan				
Not Accessible	80%							D
Surface	10%	Now	¢10,700	2020	* *	5	¢100	D
Concrete			\$10,600 ere, Area Affected :	2039	4- 4-	3	\$100	В
			0+00 To 0+30 And		To 1±10 ( From Fa	ct)		
N		. Sittions	0+00 10 0+30 And	<i>u</i> 0+05 1	0 1+10 ( From Ea	31)		
Not Accessible	90%	1	7 7 . 1 . 4	ACC . 1	. 00/			D
	Uther Obs Location		Extent : Light, Area	Affectea	: 0%			
			n, Vacatation					
	Expianai	non : Heav	y Vegetation					

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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 2015 - 2018	FY 2019 - 2024
Bulkheads		\$158,700
Total		\$158,700
Priority B		\$158,700
Total		\$158,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads		\$600	\$2,700	
Total		\$600	\$2,700	
Priority A Priority B Priority C		\$600	\$2,700	
Total		\$600	\$2,700	



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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 EAST RIVER BULKHEAD

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Coping/Curb								
Concrete	20%			LIFE	* *	5	\$100	C
No Component	80%							D
Facing								
Timber	15%			LIFE	* *			C
No Component	85%							D
Gravity Wall								
Stone	25%			LIFE	* *	5	\$15,500	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	\$400	В
Asphalt Pavers	60%			2032	* *	5	\$5,000	В
			ight, Area Affected					
	Location	: Stations	0+00, And 0+75 T	o 1+50 I	From South			
Topsoil	35%			2021	\$15,600	5	\$1,200	В
Deck Elements								
Railing								
Steel	20%			2022	\$158,700			В
No Component	80%							D

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$241,400	
Total	\$241,400	
Priority A	\$191,600	
Priority B	\$49,800	
Total	\$241,400	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads		\$1,200		
Total		\$1,200		
Priority B		\$1,200		
Total		\$1,200		



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 FORMER PIER 7 - MILLERS LAUNCH STEEL SHEET PILE BULKHEAD

Bulkheads	Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Sheet Piles							
Steel	70% 4+	\$191,600	LIFE	* *			A
	Corrosion, Extent : Me		ected : 70	9%			
	Location : Above Mi	ıdline					
Not Accessible	30%						D
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt	25%		2031	* *	5	\$1,200	В
	Cracking, Extent: Lig	. 55	: 10%				
	Location : Througho	put					
Concrete	25%		2031	* *	5	\$1,200	В
	Cracking, Extent: Lig	ht, Area Affected	: 30%				
	Location: Througho	put					
Concrete	30% 4+	\$49,800	2037	* *	5	\$700	В
	Broken, Extent : Mode	' '		ó		, , , , ,	
	Location: Station 2-	+50 To 3+90 From	n North (	(Collapsed Pier)			
Gravel	20%		2031	* *	2-5	\$200	В
Deck Elements							
Railing							
Fencing	50%		2023	\$12,500	3	\$100	В
No Component	50%						D

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

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

Asset 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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$61,400	
Total	\$61,400	
Priority C	\$61,400	
Total	\$61,400	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads		\$1,000	\$300	
Total		\$1,000	\$300	
Priority A				
Priority B		\$1,000	\$300	
Total		\$1,000	\$300	



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 GIANDO RESTAURANT REVETMENT/BULKHEAD

Bulkheads		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Gravity Wall							
Concrete	45%		LIFE	* *	5	\$400	Α
No Component	55%						D
Piles and Bracing							
Steel	1%		LIFE	* *	5	\$300	A
		Extent: Light, Area Affected	d: 50%				
	Location	: At The Top Of Both Piles					
No Component	95%						D
Not Accessible	4%						D
Revetment							
Concrete	40%	Now \$61,400	LIFE	* *			C
	Broken, Ex	ctent : 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	\$1,900	В
Topsoil	15%		2021	\$1,800	5	\$100	В
Fender							
Facing							
Timber	10%		2032	* *	3	\$800	В
No Component	90%						D

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

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

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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 # : DBSR066.000 / 13810 Yr Built/Renovated :

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 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$500		\$400	\$100
Total	\$500		\$400	\$100
Priority A	\$500			
Priority B			\$400	\$100
Total	\$500		\$400	\$100



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

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

#### DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL BULKHEAD

Bulkheads System Component Type	Current Repair	Future	Future Replacement		Maintenance	
	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Gravity Wall						
Concrete	100%	LIFE	* *	5-10	\$900	A
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Asphalt	60%	2037	* *	5	\$800	В
	Cracking, Extent : Light, A Location : Throughout	rea Affected : 2%				
Topsoil	40%	2023	\$2,800	5	\$200	В
	Settlement, Extent : Moderate, Area Affected : 20% Location : Station 1+14 To 1+19 ( From North) Adjacent To Wall					
Deck Elements						
Parapet						
Concrete	85%	2028	* *			В
	Cracking, Extent: Light, Area Affected: 5%					
	Location: At Vertical Construction Joints					
	Spalling, Extent : Light, Area Affected : 5%					
	Location: Isolated					
No Component	15%					D

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

 $Program \, / \, Asset \, \# \quad : \, \, DBSR069.000 \, / \, 13813 \qquad \qquad Yr \, Built / Renovated \quad : \, \,$ 

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$97,800	
Total	\$97,800	
Priority A	\$97,800	
Total	\$97,800	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$4,200			\$700
Total	\$4,200			\$700
Priority A				
Priority B	\$3,900			\$700
Priority C	\$300			
Total	\$4,200			\$700



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL BULKHEAD

Bulkheads	Current Repair	Future Replaceme	ent	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Coping/Curb	1000		.11.	_	φ	~
Stone	100%	LIFE	* *	5	\$600	С
	Other Observation, Extent : Light, Area Location : Throughout	i Ajjeciea : 10%				
	Explanation : Partial Loss Of Mortar	Redding And Joint See	al			
Gravity Wall	Explanation . I array Loss of Mortal	Beautig Tina Joini See				
Stone	100% 4+ \$97,800	LIFE	* *	5	\$14,600	A
	Missing Part, Extent : Severe, Area Affe				. ,	
	Location: Station 0+08, 1+10, And 1	+80 ( From South)				
	Missing Block Seal, Extent: Severe, Art	ea Affected : 25%				
	Location : In Tidal Zone Station 0+00	) To 1+25				
Backfill						
Fill	20/ N	2064	* *			D
Topsoil	2% Now \$800 Other Observation, Extent : Light, Area	2064	* *			В
	Location : Stations 0+89, 0+98, And					
	Explanation: Small Sinkholes	1+34 (110m 30mm)				
Not Accessible	98%					D
Surface	7670					
Asphalt	5% Now \$900	2039	* *	5		В
F	Other Observation, Extent: Moderate,			_		_
	Location: Stations 0+89, 0+98, And	1+54 (From South)				
	Explanation: Sinkholes					
Asphalt	25% 4+ \$2,200	2033	* *	5	\$200	В
	Other Observation, Extent: Moderate,	Area Affected : 25%				
	Location: Stations 1+60 To 2+10 ( F	From South)				
	Explanation : Root Damage And Crac	cking				
Asphalt	70%	2033	* *	5	\$1,400	В
	Cracking, Extent: Light, Area Affected	: 10%				
<del></del>	Location : Throughout					
Deck Elements						
Parapet	100%	2025	* *			В
Concrete	100% Cracking, Extent : Light, Area Affected					D
	Location: Throughout	. 570				
	Erosion, Extent: Light, Area Affected:	100%				
	Location: Erosion/Scaling Througho					
	Other Observation, Extent : Light, Area					
	Location : Atop Coping Throughout					
	Explanation : Deteriorated Mortar Be	edding				

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

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 18-Mar-2010 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$208,100	\$253,200
Total	\$208,100	\$253,200
Priority A	\$208,100	
Priority B		\$253,200
Total	\$208,100	\$253,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$6,400			
Total	\$6,400			
Priority A				
Priority B	\$6,400			
Total	\$6,400			



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL BULKHEAD

Bulkheads	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural Gravity Wall							
Conc w/Stone Face	Erosion, Extent : Mo Location : Outfall Missing Block Seal, Location : Between Spalling, Extent : Li	rd Face Above Mhw oderate, Area Affect At Sta 2+30 (from S Extent : Severe, Are n Stone Facing In T	, ed : 1% South) ea Affecte idal Zone 25%	?	5	\$14,700	A
		Extent : Light, Area rd Face Above Mhw ace Scaling/spalling	,	: 20%			
Not Accessible	30%						D
Backfill Fill							
Not Accessible	100%						D
Surface Asphalt Pavers	100% Settlement, Extent : Location : Offset 3	Light, Area Affected Ift From Outboard I		* * 0+50 To 2+50 (fro	5 om South	\$2,700	В
Deck Elements		<u> </u>					
Railing Steel	100% 4+ Other Observation, Location : Throug.	_	2020 Affected	\$253,200 3 : 2%			В
	Explanation: Coa	ting Loss					

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 25-Feb-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1713 Lot : 38 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads		\$97,700
Total		\$97,700
Priority B		\$97,700
Total		\$97,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$2,000			
Total	\$2,000			
Priority A	\$1,500			
Priority B	\$500			
Total	\$2,000			



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL BULKHEAD

Bulkheads	Current Repair	Future	Replacement	M	aintenance			
System Component Type	% of Fail Date Estima Total (Years)	ted Cost   Year   FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
Structural								
Gravity Wall	070/	LIE	* *	~	Φ7. 400			
Stone	97% Cracking, Extent : Light, Are	LIFE	* *	5	\$7,400	A		
	Location: Throughout Con							
	Missing Block Seal, Extent : S		1 · 75%					
	Location: In Tidal Zone	вечеге, Агей Ајјескей	. 7570					
	Other Observation, Extent : M	Moderate Area Affec	ted : 33%					
	Location: Throughout At T							
	Explanation : Efflourescence							
Stone	3% 4+	\$1,500 LIFE	* *	5	\$200	A		
Stone	Displaced Elements, Extent :		d : 40%	J	Ψ200	11		
	Location : At Dep Outfalls	, 33						
	Spalling, Extent : Moderate, Area Affected : 100%							
	Location: In Top 3 Ft Of C	oncrete						
Backfill								
Fill	1000/					Ъ		
Not Accessible	100%					D		
Surface Asphalt Pavers	95%	2030	* *	5	\$1,000	В		
Aspiiait Faveis	95% Settlement, Extent : Light, Ar			3	\$1,000	Ь		
	Location : Isolated Through							
	Other Observation, Extent : S		: 1%					
	Location: 85 Feet From No.							
	Explanation : Missing Asph	alt Pavers						
Topsoil	5%	2019	\$300	5		В		
Deck Elements								
Railing								
Steel	100%	2019	\$97,700			В		
	Other Observation, Extent: Light, Area Affected: 2%							
	Location: Throughout At C							
	Explanation: Coating Loss							

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 :

Block : 1808 Lot : 28 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$591,300	\$761,400
Total	\$591,300	\$761,400
Priority A	\$591,300	\$41,800
Priority B		\$719,600
Total	\$591,300	\$761,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$32,500		\$3,000	\$200
Total	\$32,500		\$3,000	\$200
Priority B	\$32,500		\$3,000	\$200
Total	\$32,500		\$3,000	\$200



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL BULKHEAD - SUB 1 OF ASSET TYPE

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural	•							•
Gravity Wall								
Conc w/Stone Face	50%	4+	\$422,400	LIFE	* *	5	\$29,900	A
			ght, Area Affected .					
			d Face Above Mhw					
	_		Extent : Severe, Are					
			Stone Facing In Ti		2			
			vere, Area Affected					
			out Concrete Abov	e Mhw				
Conc w/Stone Face	20%		\$169,000	LIFE	* *	5	\$11,900	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	\$6,100	В
Asphalt Pavers	5%	Now	\$11,600	2039	* *	5	\$200	В
			Aoderate, Area Affe					
		: Offshore	2ft For 122ft Leng					
Topsoil	15%			2023	\$6,100	5	\$500	В
Deck Elements								
Railing								
Steel	95%	4+	\$13,700	2023	\$683,700			В
			Extent : Light, Area	Affected	: 5%			
		: Through						
	Explana	tion : Coat	=					
Steel	5%		\$7,200	2022	\$36,000			В
			Extent : Severe, Are					
			Railing Posts And		ailing Starting 134	ft South	Of Northern Limit	
	Of Asset	And Exten	ding For 33 Ft In L	ength				

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : GRAVITY RETAINING WALL TIMBER PILE SUPPORTED 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 : 24-Feb-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1703 Lot : 128 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$379,600	
Total	\$379,600	
Priority A	\$379,600	
Total	\$379,600	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$1,200			
Total	\$1,200			
Priority A				
Priority B	\$1,200			
Total	\$1,200			



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Gravity Wall							
Conc w/Stone Face	70% 4+ Cracking, Extent: Li Location: Outboar Erosion, Extent: Mo Location: Adjacen Missing Block Seal, I Location: Between Spalling, Extent: Lig Location: 4 Locati Other Observation, E Location: Outboar	d Face Above Mhw derate, Area Affect t To Culvert Extent : Severe, Are Stone Facing In To tht, Area Affected : ons Totalling 30ft A Extent : Light, Area	ed : 5% ea Affecte dal Zone 10% Along To <sub>l</sub> Affected	o Of Wall	5	\$13,400	A
	Explanation : Surfa	ice Scaling/spall					
Not Accessible	30%						D
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt Pavers	95%		2030	* *	5	\$2,300	В
Topsoil	5%		2019	\$700	5	\$100	В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : GRAVITY RETAINING WALL TIMBER PILE SUPPORTED 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 : 24-Feb-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1702 Lot : 22 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$35,200	\$239,900
Total	\$35,200	\$239,900
Priority A	\$35,200	
Priority B		\$239,900
Total	\$35,200	\$239,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$2,500			
Total	\$2,500			
Priority A				
Priority B	\$2,500			
Total	\$2,500			



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL TIMBER PILE SUPPORTED BULKHEAD

Bulkheads		Current F	Repair	Future	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Gravity Wall								
Conc w/Stone Face	75%	_		LIFE	* *	5	\$14,900	A
			oderate, Area Affec		6			
			out - At Top Of Wa		1 500/			
			Extent : Moderate,		cted : 50%			
			out - Within Tidal I		. 1 200/			
			Extent : Moderate, A		ctea : 30%			
		_	out - At Top Of Wa	u				
G (G) F		tion : Efflor		LIDE	* *		Φ. σ. ο ο ο	
Conc w/Stone Face	25%	4+	\$35,200	LIFE		5	\$5,000	A
		Spalling, Extent : Moderate, Area Affected : 75%  Location : Throughout Concrete Above Stone Face And At Top Surface Of Wall Below						
	Railing	. Inrougn	oui Concrete Abov	e Sione I	ace Ana Ai Top Si	irjace Oj	wan below	
Backfill	8							
Fill								
Not Accessible	100%							D
Surface								
Asphalt Pavers	94%			2030	* *	5	\$2,400	В
Asphalt Pavers	5%	4+	\$1,300	2034	* *	5	\$100	В
			Ioderate, Area Affe		9%			
			+15 To 1+28 From					
		Other Observation, Extent: Moderate, Area Affected: 50%						
			rth End Ofd Asset					
	Explana	tion : Uplif	t Of Pavers					
Topsoil	1%			2019	\$100	5		В
Deck Elements								
Railing								_
Steel	100%			2019	\$239,900			В
	Other Observation, Extent : Light, Area Affected : 5% Location : Throughout							
	Explana	non : Coati	ing Damage					

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

Asset Name : GRAVITY RETAINING WALL TIMBER PILE SUPPORTED 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 : 22-Feb-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1696 Lot : 51 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$234,000	\$498,400
Total	\$234,000	\$498,400
Priority A	\$234,000	
Priority B		\$498,400
Total	\$234,000	\$498,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$31,500	\$100		
Total	\$31,500	\$100		
Priority A				
Priority B	\$31,500	\$100		
Total	\$31,500	\$100		



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

# DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	Current Repai	r Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Gravity Wall						
Conc w/Stone Face	80% 4+	\$234,000 LIFE	* *	5	\$33,100	A
	Cracking, Extent: Light, A			_		
	Location: Map Crack W			e		
	Displaced Elements, Exter Location : Dep Outfalls	. 55				
	Missing Block Seal, Exten					
	Location: Typical Outbo	•••				
	Spalling, Extent : Light, A					
	Location: Outboard Con		Wall			
Not Accessible	20%					D
Backfill	20,0					
Fill						
Topsoil	5% Now	\$5,600 2061	* *			В
	Other Observation, Extent	: Severe, Area Affected	: 60%			
	Location: Station 0+00	To 0+65 (from North)				
	Explanation : Fill Loss/s	ettlement				
Not Accessible	95%					D
Surface				_		
Asphalt Pavers	70%	2030	* *	5	\$3,700	В
	Settlement, Extent : Light,	00	ft Enom Offahono	Edan Of	W.a.11	
	Location: Typical 1ft W					
Asphalt Pavers	10% Now	\$16,100 2030	* *	5	\$300	В
	Settlement, Extent: Severe		5 E4 W. d.			
	Location : 0+00 To 0+6				* 4.00	
Asphalt Pavers	15% 4+	\$8,000 2030	* *	5	\$400	В
	Settlement, Extent : Moder			. 0 . 70 7	7- 1 · 15 A · · · 1	
	Location : 2 ft Wide Offse Station 1+40 To 1+80 (		age wan. Station	n 0+70 I	0 1+13 Ana	
	Explanation: Missing	rontitorny				
Topsoil	5%	2021	\$1,400	5	\$100	В
Deck Elements					·	
Railing						
Steel	100%	2020	\$498,400			В
	Other Observation, Extent	: Light, Area Affected :	10%			
	Location: Throughout					
	Explanation: Coating L	oss				

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

Asset Name : GRAVITY RETAINING WALL TIMBER PILE SUPPORTED 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

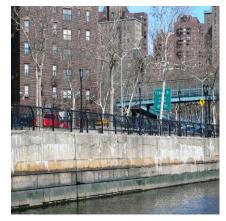
Date of Survey : 22-Feb-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1695 Lot : 51 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$114,500	\$218,600
Total	\$114,500	\$218,600
Priority A	\$114,500	
Priority B		\$218,600
Total	\$114,500	\$218,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$500	\$1,100		
Total	\$500	\$1,100		
Priority A				
Priority B	\$500	\$1,100		
Total	\$500	\$1,100		



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	Current Repair	Future	Replacement	M	aintenance		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Structural							
Gravity Wall				_			
Stone	100% 4+ \$114,		* *	5	\$17,100	A	
	Cracking, Extent : Light, Area Aff Location : Throughout In Concr		ahas				
	Missing Block Seal, Extent: Sever						
	Location: Throughout Above M		1.00/0				
	Spalling, Extent : Moderate, Area						
	Location: Isolated Throughout		Stone Blocks				
	Other Observation, Extent : Light,						
	Location: Throughout In Concr	ete Upper 36 In	ches				
	Explanation : Efflorensence						
Backfill							
Fill							
Not Accessible	100%					D	
Surface	0.50/	2026	* *	~	Φ2 200	D	
Asphalt Pavers	95% Sottlement Extent : Light Area As	2036	25. 25.	5	\$2,200	В	
	Settlement, Extent : Light, Area Affected : 10% Location : Throughout 24 In. Inshore Of Concrete And Isolated Other						
	Other Observation, Extent: Light, Area Affected: 5%						
	Location: 0+25 And 0+44	11.00.129900000					
	Explanation: Cracked And Or E	Broken Pavers					
Asphalt Pavers		500 2030	* *	5		В	
	Settlement, Extent : Moderate, Are	ea Affected : 10	0%				
	Location: Station 2+23 (from North) And At Former Planter						
Topsoil	3%	2021	\$400	5		В	
Deck Elements							
Railing							
Steel	100%	2019	\$218,600			В	
	Other Observation, Extent : Light,	Area Affected .	: 10%				
	Location: Throughouth						
	Explanation: Coating Loss						

Asset Name : GRAVITY RETAINING WALL TIMBER PILE SUPPORTED 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 : 22-Feb-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1694 Lot : 51 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads		\$44,400
Total		\$44,400
Priority B		\$44,400
Total		\$44,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$3,100	\$200		
Total	\$3,100	\$200		
Priority A	\$2,600			
Priority B	\$500	\$200		
Total	\$3,100	\$200		



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL TIMBER PILE SUPPORTED BULKHEAD

Bulkheads		Current R	epair	Futur	e Replacement	М	aintenance	
System Component Type		ail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Gravity Wall								
Conc w/Stone Face	95%			LIFE	* *	5	\$3,500	Α
	Cracking, E	xtent : Lig	ht, Area Affected .	5%				
	Location :	Through	out Is Top 36 In. O	f Concre	te			
	Spalling, Ex	tent : Ligh	ıt, Area Affected :	5%				
	Location:	Througho	out Is Top 36 In. O	f Concre	te			
Conc w/Stone Face	5%	4+	\$2,600	LIFE	* *	5	\$200	A
	Cracking, E	xtent : Sev	ere, Area Affectea	! : 100%				
	Location:	Station 0	+42 To 0+50 At Se	outh End	Of Asset			
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt Pavers	95%			2036	* *	5	\$400	В
Asphalt Pavers	5%	4+	\$500	2030	* *	5		В
	Settlement, I	Extent : M	oderate, Area Affe	cted: 10	00%			
	Location:	At Forme	r Planter Station (	0+20 (fro	om North) And At S	South End	d Of Asset	
Deck Elements								
Railing								
Steel	100%			2019	\$44,400			В
	Other Obser	rvation, E	xtent : Light, Area	Affected	: 10%			
	Location:	Througho	put					
	Explanatio	on : Coat l	Loss					

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

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : GRAVITY RETAINING WALL TIMBER PILE SUPPORTED 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

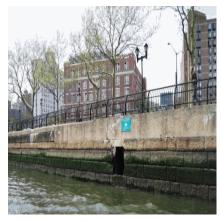
Date of Survey : 25-Feb-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1693 Lot : 30 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$111,300	\$271,000
Total	\$111,300	\$271,000
Priority A	\$111,300	
Priority B		\$271,000
Total	\$111,300	\$271,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$19,400			
Total	\$19,400			
Priority A				
Priority B	\$19,400			
Total	\$19,400			



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	Current Repair	Future Replacement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural	•	•			
Gravity Wall					
Conc w/Stone Face	65% 4+ \$103,400 Cracking, Extent: Light, Area Affected Location: Map Cracking With Eff. In Displaced Elements, Extent: Severe, An Location: Near Outfall Missing Block Seal, Extent: Severe, Are Location: Tidal Zone Spalling, Extent: Light, Area Affected: Location: Outboard Concrete Face Other Observation, Extent: Severe, Are Location: In Outboard Concrete Face Explanation: Vertical Crack	Outboard Concrete Face rea Affected : 2% ea Affected : 30% 30% ea Affected : 2%	5 h	\$14,600	A
Conc w/Stone Face	5% 2-4 \$8,000  Erosion, Extent: Moderate, Area Affect Location: Station 1+25 From North 1		5	\$1,100	A
Not Accessible	30%				D
Backfill					
Fill Not Accessible	100%				D
Surface	100%				<u>D</u>
Asphalt Pavers	100% 4+ \$5,800 Settlement, Extent: Light, Area Affected Location: Station 2+00 To 2+50 From Other Observation, Extent: Light, Area Location: Iin. Vertical Displacement Explanation: Upheave	m North Affected : 2%	5	\$1,400	В
Deck Elements					
Railing					
Steel	100% 4+ \$13,500 Other Observation, Extent: Light, Area Location: Baseplates Explanation: Coating Loss	2020 \$271,000 Affected : 2%			В

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

Asset Name : GRAVITY RETAINING WALL TIMBER PILE SUPPORTED 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

 $Program \, / \, Asset \, \# \quad : \, \, DBSR098.000 \, / \, 13846 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$ 

Linear Ft : 102 Project Type : ECONOMIC DEVELOPMENT

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

Areas Surveyed :

Block : 1690 Lot : 10 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$42,600	\$90,600
Total	\$42,600	\$90,600
Priority A	\$42,600	
Priority B		\$90,600
Total	\$42,600	\$90,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$11,500			
Total	\$11,500			
Priority A				
Priority B	\$11,500			
Total	\$11,500			



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL TIMBER PILE SUPPORTED BULKHEAD

Bulkheads		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date Es (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Gravity Wall						_		
Conc w/Stone Face	80%	4+	\$42,600	LIFE	* *	5	\$6,000	A
	_	_	, Area Affected . ace Above Mhw					
			ace Above mnw ent : Severe, Are		1.600/			
	O	,	mi . severe, Are one Facing In Ti	33				
			ate, Area Affect					
	-		Totalling 15ft A					
			nt : Light, Area		=			
			ace Above Mhw					
	Explanatio	on : Surface S	Scale/spall					
Not Accessible	20%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt Pavers	100%	4+	\$9,700	2030	* *	5	\$500	В
			t, Area Affected					
					0+00 To 0+40 (fr	om North	!)	
			nt : Light, Area	Affected	: 5%			
		Along Settle						
D. I. El.	Explanatio	on : Broken I	Pavers					
Deck Elements Railing								
Steel	100%	4+	\$1,800	2020	\$90,600			В
Sicci			nt : Light, Area					Ъ
		Isolated Thi	0 .	. <del>.</del> ,,,				
		on : Coating	0					

Asset Name : GRAVITY RETAINING WALL TIMBER PILE SUPPORTED 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 : 03-Mar-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1573 Lot : 52 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$193,700	\$177,700
Total	\$193,700	\$177,700
Priority A	\$193,700	
Priority B		\$177,700
Total	\$193,700	\$177,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$13,100			
Total	\$13,100			
Priority A				
Priority B	\$13,100			
Total	\$13,100			



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL 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	•	•	•	•
Gravity Wall				
Conc w/Stone Face	75% 4+ \$156,400 Cracking, Extent: Light, Area Affected Location: Outboard Face Above Mh Missing Block Seal, Extent: Severe, Ar Location: Between Stone Facing In T Spalling, Extent: Moderate, Area Affect Location: 1 Location Totalling 5ft Ac	w rea Affected : 50% Fidal Zone cted : 2%	5 \$11,100	A
	Other Observation, Extent : Light, Area	a Affected : 20%		
	Location: Outboard Face Above Mh	w Including Areas Of Failed	l Repair	
	Explanation : Surface Scale/spalling			
Stone	5% Now \$37,200  Broken, Extent: Severe, Area Affected  Location: Station 1+25 (from North,  Displaced Elements, Extent: Severe, A  Location: Station 1+55 To 1+70 (from North)	rea Affected : 100%	5 \$700	A
Not Accessible	20%			D
Backfill				
Fill				
Not Accessible	100%			D
Surface Asphalt Pavers	100% 4+ \$9,500 Settlement, Extent : Light, Area Affecte	2030 ** d:60%	5 \$900	В
	Location: Offset 3 ft From Outboard 2+00 (from North) Other Observation, Extent: Moderate, Location: Offset 3ft From Outboard Explanation: Settlement	Face Sta0+00 To 0+10, 0+ Area Affected : 10%		
Deck Elements	*			
Railing				
Steel	100% 4+ \$3,600 Other Observation, Extent: Light, Area Location: Isolated Throughout Explanation: Coating Loss	2020 \$177,700 a Affected : 10%		В

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

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$113,000	\$119,700
Total	\$113,000	\$119,700
Priority A Priority B	\$113,000	\$47,800 \$72,000
Total	\$113,000	\$119,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$96,000			\$1,800
Total	\$96,000			\$1,800
Priority A	\$33,300			
Priority B	\$46,100			\$1,800
Priority C	\$16,700			
Total	\$96,000			\$1,800



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL W/TIMBER CRIBBING FOUNDATION

Asset #: 13819

Bulkheads	Current Repair	Future Replacement	nt M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated C FY	cost Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Coping/Curb Concrete	55% Other Observation, Extent : Light, Area Location : Throughout	LIFE a Affected : 25%	** 5-10	\$1,400	C
	Explanation: Partial Loose Or Missi	ing Mortar Bedding			
Stone	5% 2-4 \$15,100 Other Observation, Extent : Light, Area Location : 1565 Ft From North	LIFE a Affected : 100%	** 5	\$100	С
_	Explanation : Displaced Elements Du				
Stone	40% Other Observation, Extent: Light, Area Location: Throughout		** 5	\$1,800	С
Gravity Wall	Explanation: Loose Partial Missing	Mortar Beaaing			
Conc w/Stone Face	38% Erosion, Extent: Light, Area Affected: Location: Isolated Joints In Tidal Zo Missing Block Seal, Extent: Moderate, Location: Throughout In Tidal Zone	ne , Area Affected : 10%	** 5	\$90,800	A
Conc w/Stone Face	2% 4+ \$67,600	LIFE	** 5	\$2,400	A
	Location: 425ft And 1210ft From So Exposed Reinforcement, Extent: Light, Location: 425 Ft And 820 Ft From S Spalling, Extent: Moderate, Area Affec Location: 1210 Ft From South At Dr Other Observation, Extent: Light, Area Location: Missing Block 1210 Ft From Explanation: Missing Block	, Area Affected : 1% South cted : 30% rainage Outfall; At Isola a Affected : 1%	ted Construc	tion Joints	
Concrete	29%	LIFE	** 5-10	\$3,100	A
Concrete	Cracking, Extent: Light, Area Affected Location: Isolated Throughout Erosion, Extent: Light, Area Affected: Location: Isolated At Joints Through Spalling, Extent: Light, Area Affected Location: Isolated At Joints Along L	l : 5% : 25% nout Length And In Tida : 2%		φ5,100	A
Concrete	1% 4+ \$12,100 Spalling, Extent : Moderate, Area Affect Location : Isolated At Joints Along L		** 5	\$100	A
Stone	4% Missing Block Seal, Extent: Moderate, Location: Throughout Within Tidal 2	==	** 5	\$9,000	A
Stone	1% 4+ \$15,100 Missing Part, Extent : Severe, Area Aff Location : Two Missing Blocks Between		* * 5	\$1,100	A
Not Accessible	25%	100,.110,.			D
THOU ACCESSION	2570				<u> </u>

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

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

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

# 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	100%				D
Asphalt	45% 4+ \$12,200	2033 **	5	\$3,400	В
Aspilait	Cracking, Extent: Light, Area Affected		3	\$3,400	Ь
	Location: Isolated Throughout 310ft				
	Settlement, Extent : Moderate, Area Affi	· ·			
	Location : Root Upheaval At 490 Ft F				
Asphalt	20% 4+ \$8,100	2039 **	5	\$1,500	В
risphare	Settlement, Extent : Moderate, Area Aff Location : Throughout		3	ψ1,500	Б
	Other Observation, Extent : Light, Area	Affected: 30%			
	Location: Throughout	33			
	Explanation: Upheaval Resulting Fro	om Tree Roots			
Concrete	20%	2033 **	5	\$3,000	В
0011010	Cracking, Extent : Light, Area Affected			42,000	
	Location: Isolated Throughout; And I				
	Surface Wearing/Scaling, Extent : Light	t, Area Affected : 2%			
	Location: Isolated Throughout; Sta (	0+00 To 3+10 (from North	)		
Topsoil	10%	2023 \$8,100	5	\$600	В
P	Settlement, Extent : Light, Area Affected			,	
	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 \$3,600	2022 \$72,000			В
	Loose Connections, Extent : Severe, Are	ea Affected : 100%			
	Location : At Base Of Railing				
	Other Observation, Extent : Light, Area				
	Location: Throughout Between 1560			D '1'	
	Explanation: Minor Corrosion Typica	al; Moderate Corrosion At	Base Of I	Railing	
No Component	95%				D
Parapet	000/	2028 **			ъ
Concrete	90%	2020			В
	Other Observation, Extent : Light, Area Location : Throughout	Affeciea : 5%			
	Explanation : Loose Or Missing Mort	ar With Cracking			
Company					D
Concrete	5% 2-4 \$22,100 Other Observation, Extent: Moderate, A	2029			В
	Location: 1565 Ft From North	пен пувенен. 100/0			
	Explanation: Displaced Elements Res	sulting From Tree Unheave	ıl		
No Commonant		munig 1 rom 1 ree Opneuvu			D
No Component	5%				D

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

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

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

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$230,500	\$44,600
Total	\$230,500	\$44,600
Priority A	\$164,600	\$44,600
Priority B	\$65,900	
Total	\$230,500	\$44,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$14,600			
Total	\$14,600			
Priority A				
Priority B	\$4,100			
Priority C	\$10,500			
Total	\$14,600			



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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL W/TIMBER PILES & CRIBBING FOUNDATION

Asset #: 13818

Bulkheads	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural			•				•
Coping/Curb							
Concrete	5%		LIFE	* *	5-10	\$100	C
	Erosion, Extent : Liga						
	Location : Erosion/ Other Observation, E			. 100/			
	Location : Northern		Ајјестеи	. 10/0			
	Explanation: Loose		ar Beddin	1Q			
Stone	90%		LIFE	**	5	\$2,500	С
Stone	Other Observation, E	Extent : Light, Area		: 10%	3	Ψ2,300	C
	Location : Through	_	33				
	Explanation : Loose	e Or Missing Morte	ar Beddin	ig			
Stone	5% 2-4	\$9,200	LIFE	* *	5	\$100	С
	Other Observation, E	xtent : Moderate, 1	Area Affe	cted : 100%			
	Location : 950ft Fr	om North					
	Explanation : Tree	Upheaval Resultin	g In Disp	laced Elements			
Gravity Wall		****			_	***	
Stone	65% 4+	\$119,800	LIFE	**	5	\$44,600	A
	Missing Block Seal, I Location : Through		га Ађесте	ea : 20%			
Timber Criber /Steen			LIEE	* *	4	¢1.200	
Timber Crib w/Stone	5% 4+ Rotting/Splitting, Ext	\$44,800	LIFE		4	\$1,200	A
	Location : Through						
Not Accessible	30%	out III Outoout a E	111 111	ar zone			D
Backfill	30%						D
Fill							
Not Accessible	100%						D
Surface							
Asphalt	90%		2039	* *	5	\$8,300	В
	Cracking, Extent: Li						
	Location : Through	out Northern 200 I	Ft Of Asse	et			
Asphalt	5% Now	\$4,100	2039	* *	5	\$200	В
	Other Observation, E			cted : 100%			
	Location : 950ft Fro	=					
	Explanation: Tree	Upheaval Resultin	g In Disp	lacement And Cra	cking		
No Component	5%		A CC	00/			D
	Other Observation, E		Affected	: 0%			
	Location : Northern						
	Explanation : Harle	em Kiver Drive					

Deck Elements

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

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

# DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY RETAINING WALL W/TIMBER PILES & CRIBBING FOUNDATION

Bulkheads		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	, , , ,	ail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Deck Elements								
Parapet								
Concrete	95%	4+	\$32,100	2028	* *			В
	Other Obser	vation, Ex	ktent : Moderate, A	Area Affe	cted : 5%			
	Location:	Througho	put					
	Explanatio	on : Loose	Or Missing Morta	ır				
Concrete	5%	2-4	\$33,800	2029	* *			В
	Displaced E	lements, E	Extent : Severe, Ar	ea Affect	ed : 100%			
			Cracks/ Displaced	Due To T	Tree Upheaval Bet	ween 920	ft And 953 ft	
	From Nort	th						

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$47,200	\$62,200
Total	\$47,200	\$62,200
Priority A	\$47,200	
Priority B		\$62,200
Total	\$47,200	\$62,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$100			
Total	\$100			
Priority A				
Priority B	\$100			
Total	\$100			



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

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

## DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY WALL

Bulkheads	Current Re	oair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Gravity Wall							
Concrete	45% 4+ Cracking, Extent: Mode Location: Throughou Erosion, Extent: Mode Location: Tidal Zone Spalling, Extent: Mode Location: At Top Of 55%	erate, Area Affecte t Top Of Wall rate, Area Affected rate, Area Affected Wall At Pier I	l : 70% d : 5% LIFE		5	\$100 \$100	A
	Cracking, Extent : Ligh Location : Throughou		2370				
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Gravel	100%		2035	* *	2-5	\$200	В
Deck Elements							
Railing							
Steel	100%		2021	\$62,200			В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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** 

Priority A	\$74,400			
Priority B		\$6,500	\$3,400	\$700
Total	<b>\$74,400</b>	\$6,500	\$3,400	\$700



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

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

## 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	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Gravity Wall Conc w/Stone Face	10% 4+ Missing Block Sec Location : Throi	\$23,100 al, Extent : Moderate, aghout	LIFE Area Affe	* * cted : 10%	5	\$8,200	A
Concrete		\$20,700 Light, Area Affected : ughout Top Of Wall	LIFE 5%	* *	5	\$200	A
No Component		n, Extent : Light, Area s 36ft North Of 125th : utfall		: 0%			D
Not Accessible	Location : Mudl	n, Extent : Light, Area ine To Above The Tido omposite Sheeting For	al Zone	: 0%			D
Sheet Piles Steel	5% 4+	\$30,600 : Moderate, Area Affa	LIFE	**			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 Concrete Topsoil	5% 60% 35%		2037 2037 2023	* * * * \$19,400	5 5 5	\$500 \$6,200 \$1,500	B B B
Fender							
Facing Timber No Component Not Accessible	55% 30% 15%		2037	* *	3	\$19,600	B D D

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

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$273,700	
Total	\$273,700	
Priority A	\$273,700	
Total	\$273,700	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$101,100	\$700		
Total	\$101,100	\$700		
Priority A Priority B	\$33,400 \$67,800	\$700		
Total	\$101,100	\$700		



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY WALL & WHARF

Asset #: 13961

Bulkheads	Current Repair Future Replacement		eplacement	t Maintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Es	timated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Gravity Wall	2007 4 022 4	00 1 155	ale ale	_	Φ200	
Concrete	30% 4+ \$33,4 Broken, Extent: Severe, Area Affec Location: Wall Cracked And Dis Erosion, Extent: Moderate, Area A Location: Throughout	ted : 5% placed At Stat 0+ ffected : 100%		5	\$300	A
Concrete	35%	LIFE	* *	5	\$300	A
No Component	35%					D
Pile Supported Wall						
Concrete	20% Now \$225,0 Other Observation, Extent: Severe, Location: Station 2+30 To 3+10 Explanation: Cracking	, Area Affected :	**	5	\$1,000	A
Concrete	15%	2031	* *	5	\$1,500	A
No Component	65%				, ,	D
Piles and Bracing						
Timber	20% Now \$48,7 Broken, Extent : Severe, Area Affec Location : Station 2+30 To 3+10	ted : 100%	* *	4	\$7,300	A
No Component	65%					D
Not Accessible	15%					D
Backfill	1370					
Fill						
Topsoil	40% Now \$7,1 Other Observation, Extent: Severe, Location: Stations 0+00 To 0+23 Explanation: Sinkholes/fill Loss	, Area Affected :		0 (from S	South)	В
Not Accessible	60%					D
Surface	0070					
Topsoil	55%	2020	\$8,200	5	\$600	В
Topsoil	45% Now \$6,7		\$6,700	5	\$300	В
торзоп	Settlement, Extent : Severe, Area Aj Location : Stations 0+00 To 0+2:	ffected : 100%				Б
Fender						
Piles						
Timber	40% Now \$20,8 Broken, Extent : Severe, Area Affec Location : Or Missing		* *	4	\$2,300	В
Timber	35%  Broken, Extent : Moderate, Area Af  Location : Throughout	2031 ffected : 100%	* *	4	\$3,100	В
No Component						
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.

<sup>\*\*</sup> 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 Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fender								
Wales and Chocks								
Timber	65%	Now	\$31,900	2037	* *	4	\$8,600	В
	Broken, E	xtent : Severe	, Area Affected :	50%				
	Location	: Throughou	ıt					
No Component	35%							D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$69,800	
Total	\$69,800	
Priority A	\$69,800	
Total	\$69,800	

Priority A Priority B	\$10,700	\$100		
Total	\$10,700	\$100		
Bulkheads	\$10,700	\$100		
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> 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	Cur	rent Repair	Future	Replacement	М	aintenance	
System Component Type		Date Estimated Cost ears)	Year F FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Gravity Wall							
Stone	15% 4	+ \$69,800	LIFE	* *	5	\$5,200	A
	•	nents, Extent : Moderate estern End Of The Struc	. 55	cted : 50%			
Stone	85%		LIFE	* *	5	\$29,500	A
Backfill							
Fill							
Topsoil	5% No	ow \$5,000	2062	* *			В
	Erosion, Extent	t : Severe, Area Affectea	l : 60%				
	Location : Sta	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	\$200	В
Topsoil	20% No	ow \$5,000	2022	\$5,000	5	\$200	В
•	Erosion, Extent: Severe, Area Affected: 80%						
	Location : Sta	ations 3+00 To 4+00, 2	+50 To 300,	And At 2+30 (fr	om East	)	
Topsoil	75%		2020	\$18,800	5	\$1,400	В

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$53,400	
Total	\$53,400	
Priority A	\$53,400	
Total	\$53,400	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$400			\$900
Total	\$400			\$900
Priority A				
Priority B				\$900
Priority C	\$400			
Total	\$400			\$900



## DEPT. OF SMALL BUSINESS SERV. - 801 GRAVITY WALL WITH MASONARY FACE BULKHEAD

Bulkheads		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Coping/Curb								
Stone	100%			LIFE	* *	5	\$800	С
			Extent : Light, Area		1: 10%			
		_	out At Top Of Wall		A 17 . G 1			
G ' W II	Explana	ition : Parti	al Loss Of Mortar	Bedding	And Joint Seal			
Gravity Wall Stone	100%	4+	\$53,400	LIFE	* *	5	\$19,900	٨
Stone			\$33,400 ht, Area Affected :			3	\$19,900	A
		_	ni, Area Ajjeciea . et At Concrete Pato					
			: Moderate, Area A		10%			
			et At Outfall Locati		10,0			
			Extent : Moderate, .		ected : 20%			
	_		out In Tidal Zone	33				
Backfill								
Fill								
Not Accessible	100%	1						D
Surface								
Asphalt	70%			2033	* *	5	\$1,900	В
	_		ght, Area Affected	: 5%				
			Throughout					
			ight, Area Affected	l : 3%				
			Throughout					
No Component	30%	1						D
Deck Elements								
Parapet	100%			2025	* *			D
Concrete			ght, Area Affected	2025				В
		, Extent . Li n : Through		. 5/0				
		_	oui Extent : Light, Area	Affected	1 . 5%			
			ping And Througho		. 570			
			riorated Mortar Be					
	2. prant							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$663,800	
Total	\$663,800	
Priority A	\$663,800	
Total	\$663,800	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$33,300		\$200	
Total	\$33,300		\$200	
Priority A				
Priority B	\$32,700		\$200	
Priority C	\$500			
Total	\$33,300		\$200	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### DEPT. OF SMALL BUSINESS SERV. - 801 HARBOR CHARLIE BULKHEAD UNDER BUILDING

Asset #: 13478

Bulkheads	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Con Total (Years)	St Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Gravity Wall	150/ N 0117 00		. ~	<b>#200</b>	
Concrete	15% Now \$117,900 Progressing Scour, Extent: Severe, A Location: Beneath Building Up To Other Observation, Extent: Severe, A Location: Beneath Building. Previo Threaten Stability Of The Pile Supp Explanation: Failure And Fill Loss	Area Affected : 100% 10 Ft Deep Now Area Affected : 100% ous Inspector Says Failure O orted Building	3	\$300 d Does Not	A
Concrete	17% 4+ \$133,700 Other Observation, Extent: Moderat Location: Beneath Wharf Explanation: General Deterioratio	e, Area Affected : 100%	5	\$300	A
No Component	68%				D
Revetment					
Stone	20%	LIFE **	5	\$1,000	C
No Component	80%				D
Sheet Piles Steel	17% 4+ \$296,100	0 LIFE **			A
	Corrosion, Extent : Moderate, Area A Location : Splash And Tidal Zones Other Observation, Extent : Moderat Location : 110 Ft Long Section Wes Explanation : Installed Out Of Plun	e, Area Affected : 100% et Of Wharf			
Steel	10% Now \$116,100 Broken, Extent: Moderate, Area Affe Location: Beneath Building For 60 Progressing Scour, Extent: Severe, A Location: Beneath Building	ected : 100% ) Ft	:		A
Steel	16%  Corrosion, Extent : Light, Area Affec  Location : Isolated Throughout	LIFE ** ted: 2%	10		A
No Component	52%				D
Not Accessible	5%				D
Backfill					
Fill					
Sand	25% Now \$27,500 Loss of Backfill, Extent : Severe, Area Location : Beneath Building Up To	a Affected : 100%	3	\$100	В
Not Accessible	75%				D
Surface					
Asphalt	10%	2037 **	5	\$500	В
Topsoil	20% 2-4 \$5,300 Settlement, Extent : Moderate, Area A Location : Behind Sheet Pile Wall V	Affected : 50%	) 5	\$200	В
Not Accessible	70%				D
Not Accessible	/ 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.

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$227,500	
Total	\$227,500	
Priority A	\$227,500	
Total	\$227,500	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$50,900			
Total	\$50,900			
Priority A				
Priority B	\$50,900			
Total	\$50,900			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Gravity Wall								
Concrete	15%	4+	\$42,500	LIFE	* *	5	\$200	A
			derate, Area Affect		%			
	Location	: At Joints	Stations 0+00 To	2+35				
Concrete	55%	4+	\$31,100	LIFE	* *	5	\$700	A
	Cracking,	Extent : Li	ght, Area Affected .	5%				
	Location	: Through	out					
	Erosion, E	xtent : Lig	ht, Area Affected : .	20%				
	Location	: Through	out In Tidal Zone A	and At To	pp Of Wall			
Timber Crib w/Stone	15%	Now	\$154,000	LIFE	* *	4	\$1,400	A
	Other Obs	ervation, E	Extent : Severe, Are	a Affecte	d : 100%			
	Location	: Stations	3+15 To 3+85 ( Fi	rom East	·)			
	Explanat	ion : Colla	ıpse					
No Component	15%							D
Backfill								
Fill								
Topsoil	15%	Now	\$3,400	2064	* *			В
			Extent : Severe, Are	a Affecte	d : 100%			
			3+15 To 3+85					
	Explanat	ion : Struc	ture Failed					
No Component	15%							D
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 0%			
	Location	: At Intake	e Location					
	Explanat	tion : No B	ackfill					
Not Accessible	70%							D

### DEPT. OF SMALL BUSINESS SERV. - 801 HIGH-LEVEL DECK (WHARF) BULKHEAD

Current Repa	ir	Future	e Replacement	М	aintenance	
% of Fail Date Est Total (Years)	imated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
50% 4+	\$15,800		* *	5	\$900	В
•						
Location : Throughout F	From 0+00 To	1+90 ( F	From East)			
Other Observation, Extent	t : Moderate, A	rea Affe	cted : 30%			
Location : Throughout F	From 0+00 To	1+90				
Explanation: Vegetation	ı Growth					
10% 4+	\$12,700	2039	* *	5	\$200	В
Cracking, Extent: Modera	ate, Area Affec	ted : 30%	6			
Location : Above Dep O	utfall Station 2	2+85 To	3+15 ( From East	t)		
Settlement, Extent : Model	rate, Area Affe	cted : 50	9%			
Location : Above Dep O	utfall Station 2	2+85 To	3+15			
15% Now	\$19,000	2039	* *	5	\$300	В
Other Observation, Extent	: Severe, Ared	a Affecte	d : 100%		·	
		55				
Explanation : Complete	Failure					
15%						D
Other Observation, Extent	t : Light, Area	Affected	: 0%			
	· ·	55				
Explanation : No Surfac	e					
10%						D
	t : Light, Area	Affected	: 0%			-
	0 -	55				
•						
	% of Fail Date Esta Total (Years)  50% 4+  Cracking, Extent: Modera Location: Throughout F Other Observation, Extent Location: Vegetation 10% 4+  Cracking, Extent: Modera Location: Above Dep O  Settlement, Extent: Modera Location: Above Dep O  15% Now Other Observation, Extent Location: Station 3+15  Explanation: Complete  15% Other Observation, Extent Location: At Intake Loca Explanation: No Surface  10% Other Observation, Extent Location: East Of Intake	% of Fail Date Estimated Cost Total (Years)  50% 4+ \$15,800  Cracking, Extent: Moderate, Area Affect Location: Throughout From 0+00 Toto Other Observation, Extent: Moderate, Attention: Vegetation Growth  10% 4+ \$12,700  Cracking, Extent: Moderate, Area Affect Location: Above Dep Outfall Station 2  Settlement, Extent: Moderate, Area Affect Location: Above Dep Outfall Station 2  15% Now \$19,000  Other Observation, Extent: Severe, Area Location: Station 3+15 To 3+85  Explanation: Complete Failure  15%  Other Observation, Extent: Light, Area Location: At Intake Location Explanation: No Surface  10%	% of Fail Date Estimated Cost Total (Years)  50% 4+ \$15,800 2039  Cracking, Extent: Moderate, Area Affected: 20%  Location: Throughout From 0+00 To 1+90 (Pother Observation, Extent: Moderate, Area Affected: 20%  Location: Throughout From 0+00 To 1+90 (Pother Observation, Extent: Moderate, Area Affected: 30%  Explanation: Vegetation Growth  10% 4+ \$12,700 2039  Cracking, Extent: Moderate, Area Affected: 30%  Location: Above Dep Outfall Station 2+85 To 3485  Explanation: Station 3+15 To 3+85  Explanation: Complete Failure  15%  Other Observation, Extent: Light, Area Affected Location: At Intake Location  Explanation: No Surface  10%  Other Observation, Extent: Light, Area Affected Location: East Of Intake Location	% of Fail Date Estimated Cost Total (Years)  50% 4+ \$15,800 2039 ***  Cracking, Extent: Moderate, Area Affected: 20%  Location: Throughout From 0+00 To 1+90 (From East)  Other Observation, Extent: Moderate, Area Affected: 30%  Location: Throughout From 0+00 To 1+90  Explanation: Vegetation Growth  10% 4+ \$12,700 2039 ***  Cracking, Extent: Moderate, Area Affected: 30%  Location: Above Dep Outfall Station 2+85 To 3+15 (From East Settlement, Extent: Moderate, Area Affected: 50%  Location: Above Dep Outfall Station 2+85 To 3+15  15% Now \$19,000 2039 ***  Other Observation, Extent: Severe, Area Affected: 100%  Location: Station 3+15 To 3+85  Explanation: Complete Failure  15%  Other Observation, Extent: Light, Area Affected: 0%  Location: At Intake Location  Explanation: No Surface  10%  Other Observation, Extent: Light, Area Affected: 0%  Location: East Of Intake Location	% of   Fail Date   Estimated Cost   Year   Estimated Cost   Cycle   Total   (Years)	Sof   Fail Date   Estimated Cost   Year   Estimated Cost   FY     Estimated Cost   Cycle   (Yrs)

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$711,800	\$64,800
Total	\$711,800	\$64,800
Priority B Priority C	\$48,600 \$663,300	\$64,800
Total	\$711,800	\$64,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$1,600		\$600	
Total	\$1,600		\$600	
Priority B			\$600	
Priority C	\$1,600			
Total	\$1,600		\$600	



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT PENINSULA FRUIT AUCTION BLDG., BAZINI NUTS

Bulkheads	Current R	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Revetment							
Stone	70% 4+	\$619,000	LIFE	* *	5	\$4,400	C
	Other Observation, E.	xtent : Light, Area	Affected	: 50%			
	Location : Through	out					
	Explanation : Non-e	engineered Revetm	ent				
Stone	5% Now	\$44,200	LIFE	* *	5	\$300	C
	Erosion, Extent: Mod	derate, Area Affect	ed : 100%	6			
	Location: Just Sout	th Of The Dep Pum	ping Stat	ion			
Stone	25%		LIFE	* *	5	\$3,200	С
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Topsoil	75% 0-2	\$48,600	2024	\$48,600	5	\$1,900	В
	Erosion, Extent: Mod	derate, Area Affect	ed : 60%				
	Location:						
Topsoil	25%		2022	\$16,200	5	\$1,200	В

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads		\$58,800
Total		\$58,800
Priority B		\$58,800
Total		\$58,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$17,500			\$2,200
Total	\$17,500			\$2,200
Priority A	\$2,900			
Priority B	\$8,800			\$2,200
Priority C	\$5,800			
Total	\$17,500			\$2,200



 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Gravity Wall								
Concrete	75%			LIFE	* *	5-10	\$5,800	A
No Component	25%							D
Revetment								
Stone	100%			LIFE	* *	5	\$11,500	C
Backfill								
Fill								
Topsoil	3%	0-2	\$7,000	2064	* *			В
	Erosion, E	xtent : Mod	derate, Area Affecto	ed : 1009	6			
	Location	: North Er	nd Of Gravity Wall					
Not Accessible	97%							D
Surface								
Topsoil	97%			2023	\$57,100	5	\$4,400	В
Topsoil	3%	0-2	\$1,800	2024	\$1,800	5	\$100	В
1	Erosion, E	xtent : Mo	derate, Area Affect	ed : 1009				
	Location	: North Er	nd Of Gravity Wall					
Deck Elements								
Railing								
No Component	25%							D
Under Construction	75%							D

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$131,100	
Total	\$131,100	
Priority C	\$131,100	
Total	\$131,100	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$23,500	\$100	\$700	\$1,900
Total	\$23,500	\$100	\$700	\$1,900
Priority A	\$3,600			
Priority B	\$14,500	\$100	\$700	\$1,900
Priority C	\$5,400			
Total	\$23,500	\$100	\$700	\$1,900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT PENINSULA, KRASDALE FOODS INC. (KFI)

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Gravity Wall	0.0						4= -00	
Concrete	80%			LIFE	* *	5-10	\$7,300	A
No Component	20%							D
Revetment	<b>5</b> 0/	0.2	<b>#</b> 46.000	LIDE	* *	-	Φ200	
Stone	_		\$46,800 : Moderate, Area A out With The Wors		100%	5 !	\$300	С
Stone	Location	4+ ervation, E : Through tion : Loose		LIFE Affected	* *	5	\$1,000	С
Stone	80%			LIFE	* *	5	\$10,700	С
Backfill Fill	0070						Ψ10 <b>,</b> , σ0	
Topsoil			\$5,500 ere, Area Affected : chole At North End		* * 2 150 Ft From Nor	th End		В
Not Accessible	98%							D
Surface								
Asphalt	20%			2033	* *	5	\$2,600	В
Asphalt	5%	Now	\$5,700	2039	* *	5	\$300	В
			evere, Area Affecte chole At North End		e 150 Ft From Nor	th End		
Gravel	54%			2033	* *	2-5	\$1,900	В
Gravel			\$1,100 evere, Area Affecte		**	2-5		В
		: Sinknoie	And Settlement 48					
Topsoil			ight, Area Affectea Areas Throughout	2022 !: 10%	\$13,700	5	\$1,100	В
Deck Elements								
Railing								
Fencing	95%			2025	* *	3	\$400	В
Fencing	5% Broken, E	0-2 xtent : Ligh	\$2,100 t, Area Affected : 7	2028 75%	* *	3		В
-	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.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$708,000	
Total	\$708,000	
Priority A	\$520,900	
Priority B	\$187,000	
Total	\$708,000	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$12,400	\$100		\$3,500
Total	\$12,400	\$100		\$3,500
Priority A				
Priority B	\$11,100	\$100		\$3,500
Priority C	\$1,300			
Total	\$12,400	\$100		\$3,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT PENINSULA, SULTANA DISTRIBUTION SERVICES

Bulkheads		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural	•							•
Coping/Curb								
Timber	40%			LIFE	* *	5	\$300	C
No Component	60%							D
Pile Supported Wall						_		
Concrete	70%	4+	\$520,900	2033	* *	5	\$9,000	A
			Extent : Light, Area	Affected	: 5%			
			Edge Of Wall	lida Esmo	a a d D aintana an ant			
No Comment		iion : Erosi	on And Spalling W	un Expo	sea кетуогсетені 			
No Component	30%							D
Piles and Bracing No Component	30%							D
Not Accessible	70%							D
Revetment	7070							<u> </u>
Stone	30%			LIFE	* *	5	\$2,300	C
No Component	70%			Em E		J	Ψ2,300	D
Backfill								
Fill								
Topsoil	5%	0-2	\$7,900	2064	* *			В
			derate, Area Affect					
	Location	: Sinkhole	At Northern End (	Of Platfo	rm			
Not Accessible	95%							D
Surface								
Asphalt	95%			2033	* *	5	\$7,000	В
Asphalt	5%	Now	\$3,300	2039	* *	5	\$200	В
			evere, Area Affecte					
	Location	: Sinkhole	At Northern End (	Of Platfo	rm			
Fender								
Piles	700/	N	¢07.200	2020	* *	4	¢10,000	D
Timber	70%	Now	\$96,200 ere, Area Affected :	2039	* *	4	\$10,800	В
		xieni . seve i : Through		30%				
		_	oui : Severe, Area Affe	cted · 50	00/2			
			. severe, meange Connections	ciea . 50	70			
		_	· Severe, Area Affe	cted · 10	0/0			
		: Through		cica . 10	<i>,</i> 0			
			ent : Severe, Area 1	Affected	: 50%			
		: Through		JJ				
No Component	30%							D
110 Component	30/0							ע

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# 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	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fender							
Wales and Chocks							
Timber	70% Now	\$90,800	2039	* *	4	\$24,400	В
	Broken, Extent : Seven	e, Area Affected :	50%				
	Location: Througho	ut					
	Loose Connections, E.	xtent : Severe, Are	a Affecte	ed : 50%			
	Location : Througho	ut					
	Rotting/Splitting, Exte	nt : Severe, Area A	Affected	: 50%			
	Location: Througho	ut					
No Component	30%						D
Deck Elements							
Railing							
Fencing	100%		2028	* *	3	\$300	В

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$351,700	\$130,800
Total	\$351,700	\$130,800
Priority B Priority C	\$39,200 \$312,500	\$130,800
Total	\$351,700	\$130,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$12,300		\$3,500	
Total	\$12,300		\$3,500	
Priority B	\$7,800		\$3,500	
Priority C	\$4,500			
Total	\$12,300		\$3,500	



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# DEPT. OF SMALL BUSINESS SERV. - 801 HUNTS POINT/STEEL SHEET PILE BULKHEAD AND REVETMENT

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Revetment								
Stone	35%			LIFE	* *	5	\$9,000	C
Stone	35%	4+	\$312,500	LIFE	* *	5	\$4,500	C
		ervation, E : Through	Extent : Moderate, 1 out	Area Affe	cted : 100%			
		_	engineered Revetm	ent				
No Component	30%							D
Sheet Piles								
Steel	25%			LIFE	* *	10		A
No Component	70%							D
Not Accessible	5%							D
Backfill								
Fill								
Topsoil	5%	Now	\$7,800	2064	* *			В
	Other Observation, Extent: Moderate, Area Affected: 10%							
	Location	: 4 Location	ons Behind Sheet F	ile Cells				
	Explanat	ion : Sinkh	oles					
Not Accessible	95%							D
Surface								
Topsoil	30% Fracion F	Now	\$39,200 derate, Area Affect	2024 ed:30%	\$39,200	5	\$1,500	В
		: Above Re		cu . 5070				
			evere, Area Affecte Sinkholes Behind S		et Pile Bulkhead			
Topsoil	70%			2022	\$91,600	5	\$7,000	В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$550,600	
Total	\$550,600	
Priority A	\$501,300	
Priority B	\$49,300	
Total	\$550,600	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$64,000			
Total	\$64,000			
Priority A				
Priority B	\$46,300			
Priority C	\$17,700			
Total	\$64,000			



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM BULKHEAD

Asset #: 13804

Bulkheads	Current Repair	Future Replacement	Ма	intenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural					
Coping/Curb Timber	100% Now \$17,700 Missing Part, Extent: Severe, Area Aff Location: Throughout Rotting/Splitting, Extent: Severe, Area Location: At Isolated Locations		5	\$100	С
Gravity Wall					
Conc w/Stone Face	25% 4+ \$36,800 Missing Block Seal, Extent : Severe, A. Location : Throughout		5	\$5,200	A
Concrete	55% Now \$464,500 Displaced Elements, Extent: Severe, A Location: Missing/Displaced Stones Other Observation, Extent: Severe, Ar Location: Station 1+95 To 2+82 (F Explanation: Collapsed	s At 0+30 To 0+50 And 1+4 rea Affected : 100%	5 7 To 1+95	\$500	A
Not Accessible	20%				D
Backfill Fill Sand	30% Now \$17,700 Loss of Backfill, Extent : Severe, Area Location : Station 1+95 To 2+82 ( F	Affected : 100%	5	\$100	В
Not Accessible	70%	<u> </u>			D
Surface					
Asphalt	23% 4+ \$5,400 Cracking, Extent : Moderate, Area Affordation : Throughout From Station		5	\$300	В
Asphalt	30% Now \$7,100 Other Observation, Extent: Severe, An Location: Station 1+95 To 2+82 (F Explanation: Surface Failed Due To	rom North)	5	\$400	В
Concrete	17% 4+ \$16,100 Cracking, Extent : Moderate, Area Aff- Location : Throughout Station 0+94		5	\$200	В
Not Accessible	30% Other Observation, Extent: Light, Are Location: Explanation: Obscured By Vegetation				D
Fender					
Piles	100% Now \$40,200	2030 **	4	¢5 500	D
Timber	100% Now \$49,300 Missing Pile, Extent : Severe, Area Aff Location : Throughout	2039	4	\$5,500	В

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : LOW-LEVEL RELIEVING PLATFORM 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 : 04-Mar-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1573 Lot : 52 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$115,600	\$222,100
Total	\$115,600	\$222,100
Priority A	\$115,600	
Priority B		\$222,100
Total	\$115,600	\$222,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$5,600			
Total	\$5,600			
Priority A	\$1,200			
Priority B	\$4,400			
Total	\$5,600			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM 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				
Concrete/Stone	90% 4+ \$86,700	LIFE **		A
	Cracking, Extent: Light, Area Affected			
	Location: Outboard Face Above Mh			
	Missing Block Seal, Extent: Severe, An Location: Between Stone Facing In T	• • • • • • • • • • • • • • • • • • • •		
	Other Observation, Extent: Light, Area			
	Location: Outboard Face Above Mh			
	Explanation : Surface Scale/spall	W.		
Concrete/Stone	10% 4+ \$28,900	LIFE **		A
Concrete/Stone	Broken, Extent : Severe, Area Affected			Α
	Location: Broken Stone Panels Station			
Piles and Bracing				
Not Accessible	100%			D
Pile Caps				
Timber	10% 2-4 \$1,200	LIFE **	4 \$200	A
	Rotting/Splitting, Extent: Moderate, A.	rea Affected : 100%		
	Location: At Outboard Ends			
Not Accessible	90%			D
Backfill				
Fill				_
Not Accessible	100%			D
Surface	1000/	2034 **	£ \$2.200	D
Asphalt Pavers	100% Settlement, Extent : Light, Area Affecte	2034	5 \$2,300	В
	Location: Offset 3ft From Outboard		om North)	
Deck Elements	Location : Offset 3ft From Outooura	1 acc sta 1 100 10 2 130 (j.t.		
Railing				
Steel	100% 4+ \$4,400	2020 \$222,100		В
	Other Observation, Extent : Light, Area			
	Location: Isolated Throughout			
	Explanation: Coating Loss			

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

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 : 18-Mar-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1815 Lot : 25 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$235,000	\$271,000
Total	\$235,000	\$271,000
Priority A	\$235,000	
Priority B		\$271,000
Total	\$235,000	\$271,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$6,900	\$1,400		
Total	\$6,900	\$1,400		
Priority A	\$1,400			
Priority B	\$5,400	\$1,400		
Total	\$6,900	\$1,400		



 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

	Ασσιπ : Τ				
Bulkheads	Current Repair	Future Replacemen	· N	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co	cst Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural Relieving Platform Top Concrete/Stone	100% 4+ \$235,000 Broken, Extent: Severe, Area Affected: Location: Stone Face At Sta 0+24 An Cracking, Extent: Light, Area Affected Location: Outboard Face Above Mhv Erosion, Extent: Severe, Area Affected Location: Outfalls At Sta 0+25 And 2 Missing Block Seal, Extent: Severe, Are Location: Between Stone Facing In T Spalling, Extent: Light, Area Affected: Location: 7 Locations Totalling 60ft Location: Outboard Face Above Mhv Location: Outboard Face Above Mhv	th E 1 1% ad 2+50 From South : 10% v : 3% 2+85 From South ea Affected : 20% idal Zone 20% Along Top Of Wall 4 Affected : 10%	*		A
Piles and Bracing Not Accessible	Explanation : Surface Scaling/spalls 100%				D
Pile Caps Timber	10% 4+ \$1,400 Rotting/Splitting, Extent : Light, Area A Location : Throughout At Outboard F	ffected : 50%	* 4	\$200	A
Not Accessible	90%				D
Backfill Fill					
Not Accessible	100%				D
Surface Asphalt Pavers	100% Settlement, Extent : Light, Area Affected Location : Offset 3ft From Outboard I	1 : 5%	* 5	\$2,800	В
Deck Elements			-	•	
Railing Steel	100% 4+ \$5,400 Other Observation, Extent: Light, Area Location: Throughout Primarily At B		00		В
	Explanation: Coating Loss	изершеѕ			

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 : 225 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 18-Mar-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1716 Lot : 28 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$43,300	\$99,900
Total	\$43,300	\$99,900
Priority A	\$43,300	
Priority B		\$99,900
Total	\$43,300	\$99,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$6,800			
Total	\$6,800			
Priority A	\$500			
Priority B	\$6,300			
Total	\$6,800			



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Bulkheads		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of 1 Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Relieving Platform Top								
Concrete/Stone	50%	4+	\$21,700	LIFE	* *			A
	_	_	ht, Area Affected					
			l Face Above Mhw					
			xtent : Severe, Are					
	Location .	: Between :	Stone Facing In T	idal Zone	!			
Concrete/Stone	5%	2-4	\$21,700	LIFE	* *			A
	Erosion, Ex	xtent : Seve	re, Area Affected	: 5%				
	Location .	: Outfall A	t Sta 0+30 (from S	South)				
Not Accessible	45%							D
Piles and Bracing								
Not Accessible	100%							D
Pile Caps								
Timber	5%	4+	\$500	LIFE	* *	4	\$100	A
	Rotting/Spl	itting, Exte	nt : Light, Area A	ffected : .	50%			
	Location .	: Outboard	l Face Of Pile Cap	os.				
Not Accessible	95%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt Pavers	100%	4+	\$4,300	2034	* *	5	\$1,100	В
			oderate, Area Affe					
	Location .	: Sta 1+80	(from South) At N	//side Of	Pier			
Deck Elements								
Railing								_
Steel	50%	4+	\$2,000	2020	\$99,900			В
			ctent : Light, Area					
		_	out Primarily In Bo	aseplates				
		on : Coatir	ig Loss					
No Component	50%							D

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

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 : 233 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 18-Mar-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1715 Lot : 53 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$107,700	\$207,000
Total	\$107,700	\$207,000
Priority A	\$107,700	
Priority B		\$207,000
Total	\$107,700	\$207,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$5,200	\$1,000		
Total	\$5,200	\$1,000		
Priority A	\$1,100			
Priority B	\$4,100	\$1,000		
Total	\$5,200	\$1,000		



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	Current Repair	Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Esti FY	imated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Relieving Platform Top						
Concrete/Stone	95% 4+ \$85,300 Cracking, Extent: Light, Area Affected	LIFE : 25%	* *			A
	Location: Outboard Face Above Mhy	v				
	Missing Block Seal, Extent: Severe, Ar	ea Affected : 3	80%			
	Location: Between Stone Facing In T	idal Zone				
	Spalling, Extent: Light, Area Affected:	10%				
	Location: 5 Locations Totalling 25ft.	Along Top Of	Wall			
	Other Observation, Extent : Light, Area		%			
	Location: Outboard Face Above Mhy	v				
	Explanation : Surface Scaling/spalling	3				
Concrete/Stone	5% 2-4 \$22,400	LIFE	* *			A
	Erosion, Extent : Severe, Area Affected	: 50%				
	Location: Sta 0+65 (from South) At I	Dep Outfall				
Piles and Bracing						
Not Accessible	100%					D
Pile Caps						
Timber	10% 4+ \$1,100	LIFE	* *	4	\$200	A
	Rotting/Splitting, Extent : Light, Area A					
	Location : Throughout At Outboard E	inds And In Lin	ne Cap			
Not Accessible	90%					D
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Asphalt Pavers	90%	2036	* *	5	\$2,000	В
	Settlement, Extent : Light, Area Affected					
	Location: Offset 3ft From Outboard	Face For Limi	ted Lengths			
Topsoil	10%	2021	\$1,200	5	\$100	В
Deck Elements						
Railing						
Steel	100% 0-2 \$4,100	2020	\$207,000			В
	Other Observation, Extent : Light, Area		ó			
	Location: Throughout Primarily In B	aseplates				
	Explanation: Coating Loss					

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

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 : 23-Feb-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1705 Lot : 21 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads		\$755,200
Total		\$755,200
Priority B		\$755,200
Total		\$755,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$50,900			
Total	\$50,900			
Priority A	\$35,500			
Priority B	\$15,400			
Total	\$50,900			



 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# 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 ( Total (Years)	Cost   Year   Estimated Cost   FY	Cycle Estimated Cost (Yrs)	Priority Code
Structural				
Relieving Platform Top				
Concrete, 10' Water	90%	LIFE **	5 \$2,300	A
	Recent Repair Evident, Extent : Lig	ght, Area Affected : 50%		
	Location : Tidal Zone Other Observation, Extent : Light,	Anna Affantad . 200/		
	Location: Outboard Face Above			
	Explanation: Map Cracking Wit		alle	
Concrete, 10' Water	10% 4+ \$33,5		5 \$300	A
Concrete, 10 water	Other Observation, Extent: Model	DOO LIFE	3 \$300	А
	Location : Above Dep Outfalls	are, mea nyectea . 1070		
	Explanation : Spall			
Piles and Bracing	2.iptunuten Spun			
Not Accessible	100%			D
Pile Caps				
Timber	5% 4+ \$2,0	000 LIFE **	4 \$300	A
	Rotting/Splitting, Extent: Moderate	e, Area Affected : 25%		
	Location : Outboard End			
Not Accessible	95%			D
Backfill				
Fill				
Not Accessible	100%			D
Surface	0.50	400 2020	<b>7</b> 42.000	
Asphalt Pavers	95% 4+ \$15,4		5 \$3,800	В
	Settlement, Extent : Light, Area Afj Location : Typical Throughout O		ann	
	Other Observation, Extent: Model		ace	
	Location : Isolated	uie, Area Ajjeciea . 170		
	Explanation : Upheave - Root			
Topsoil	5%	2019 \$2,100	5 \$200	В
Deck Elements	5 /0	2017 \$2,100	υ φ200	ע
Railing				
Steel	100%	2019 \$755,200		В
	Other Observation, Extent : Light,	' '		
	Location : Throughout			
	Explanation: Coating Loss			

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

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 : 23-Feb-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1704 Lot : 2 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads		\$241,700
Total		\$241,700
Priority B		\$241,700
Total		\$241,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$6,900			
Total	\$6,900			
Priority A	\$6,600			
Priority B	\$300			
Total	\$6,900			



 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# 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 C Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural		•			
Relieving Platform Top					
Concrete, 10' Water	95%	LIFE **	5	\$800	A
	Recent Repair Evident, Extent : Lig	==			
	Location: Throughout In Tidal Z				
	Other Observation, Extent: Light,				
	Location: Throughout Above Mh				
	Explanation: Map Crack With Explanation				
Concrete, 10' Water	5% 4+ \$5,4		5		A
	Other Observation, Extent: Moder	ate, Area Affected : 10%			
	Location: Station 3+00				
<del></del>	Explanation : Spall				
Piles and Bracing	1000/				D
Not Accessible	100%				D
Pile Caps Timber	100/ 4 . \$1.2	00 LIEE **	4	\$200	٨
Timber	10% 4+ \$1,3 Rotting/Splitting, Extent : Moderate	00 LH L	4	\$200	Α
	Location : Outboard End	e, Areu Ajjecieu . 1070			
Not Accessible	90%				D
Backfill	9070				<u> </u>
Fill					
Not Accessible	100%				D
Surface	10070				
Asphalt Pavers	5% 4+ \$3	00 2030 **	5	\$100	В
1	Settlement, Extent : Moderate, Area			,	
	Location : Station 2+70 From No				
	Other Observation, Extent : Light,	Area Affected : 5%			
	Location : Station 1+20 From No	orth			
	Explanation : Upheave - Root				
Asphalt Pavers	90%	2034 **	5	\$2,300	В
1	Settlement, Extent : Light, Area Aff	ected : 20%		, ,	
	Location : Isolated Lengths 3ft O				
Topsoil	5%	2019 \$700	5	\$100	В
Deck Elements					
Railing					
Steel	100%	2020 \$241,700			В
	Other Observation, Extent: Light,	Area Affected : 10%			
	Location: Throughout				
	Explanation: Corrosion				

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

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 : 326 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 25-Feb-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1699 Lot : 64 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$128,400	
Total	\$128,400	
Priority A	\$128,400	
Total	\$128,400	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$3,100			
Total	\$3,100			
Priority A	\$1,500			
Priority B	\$1,500			
Total	\$3,100			



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	C	Current Rep	air	Futur	e Replaceme	ent	Ma	aintenance	
System Component Type		ail Date Es Years)	timated Cost	Year FY	Estimated (	Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural									
Relieving Platform Top									
Concrete, 10' Water	95%	4+	\$122,000	LIFE		* *	5	\$900	A
	Recent Repla	ice Evident,	Extent: Light,	Area Aff	ected : 50%				
	Location:	Outboard F	ace Lower Port	ion In Ti	dal Zone				
	Other Obser	vation, Exte	nt : Light, Area	Affected	: 40%				
	Location:	Outboard C	oncrete Face A	bove Mh	w				
	Explanatio	n : Map Cra	ck With Eff And	l Surface	Spalling				
Concrete, 10' Water	5%	4+	\$6,400	LIFE		* *	5	\$100	A
	Other Obser	vation, Exte	nt : Severe, Are	a Affecte	d : 50%				
	Location:	Top Of Wal	Station 0+40	From No.	rth				
	Explanatio	n : Spall							
Piles and Bracing									
Not Accessible	100%								D
Pile Caps									
Timber	10%	4+	\$1,500	LIFE		* *	4	\$200	A
	Rotting/Split	ting, Extent	: Moderate, Ar	ea Affect	ed : 15%				
	Location:	Ouboard En	d						
Not Accessible	90%								D
Backfill									
Fill									
Not Accessible	100%								D
Surface									
Asphalt Pavers	100%			2030		* *	5	\$3,000	В

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 : 25-Feb-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1696 Lot : 51 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$50,800	
Total	\$50,800	
Priority A	\$50,800	
Total	\$50,800	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$2,400			
Total	\$2,400			
Priority A	\$1,200			
Priority B	\$1,200			
Total	\$2,400			



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Bulkheads		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Relieving Platform Top								
Concrete, 10' Water	100%	4+	\$50,800	LIFE	* *	5	\$800	A
			t, Extent : Light, A		cted : 50%			
	Location	: Outboard	d Face In Tidal Zoi	ıe				
	Other Obse	ervation, E.	xtent : Light, Area	Affected	: 30%			
	Location	: Outboard	d Face Above Mhw					
	Explanat	ion : Map (	Cracking With Eff	'Surface	Spall			
Piles and Bracing								
Not Accessible	100%							D
Pile Caps								
Timber	10%	4+	\$1,200	LIFE	* *	4	\$200	A
	Rotting/Spi	litting, Exte	ent : Moderate, Are	ea Affect	ed : 10%			
	Location	: Eastern I	End Of Pile Caps					
Not Accessible	90%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt Pavers	5%	Now	\$1,200	2034	* *	5	\$100	В
	Settlement,	Extent: L	ight, Area Affected	: 100%				
	Location	: Station 2	+40 To 2+60 From	n North				
Asphalt Pavers	95%			2034	* *	5	\$2,300	В

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

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 : 24-Feb-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1694 Lot : 51 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads		\$206,100
Total		\$206,100
Priority B		\$206,100
Total		\$206,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$16,000			
Total	\$16,000			
Priority A	\$12,300			
Priority B	\$3,700			
Total	\$16,000			



 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## 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 Cos Total (Years)	t Year Est FY	imated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Relieving Platform Top						
Concrete/Stone	95%	LIFE	* *			A
	Cracking, Extent: Light, Area Affecte					
	Location: Throughout In Top 3 Ft C	=				
	Missing Block Seal, Extent: Moderate		l : 5%			
	Location: Throughout In Tidal Zona					
	Spalling, Extent: Light, Area Affected			E. O.C.		
	Location: Throughout At Top Of W	_	=	Ft Of Coi	ncrete	
	Other Observation, Extent: Light, Ar					
	Location: Throughout In Top 3 Ft C	If Concrete wa	ll			
	Explanation: Efflorescence					
Concrete/Stone	5% 4+ \$11,200		* *			A
	Cracking, Extent : Moderate, Area Af	tected : 60%				
	Location: Throughout	. 1 1000/				
	Spalling, Extent: Moderate, Area Affa	ectea : 100%				
D'I 1D '	Location : Isolated Throughout					
Piles and Bracing	1000/					D
Not Accessible	100%					D
Pile Caps Timber	10% 4+ \$1,100	LIFE	* *	4	\$200	A
Timber	Rotting/Splitting, Extent: Moderate, A		90%	4	\$200	Α
	Location: Eastern End Of Pile Cap.		2070			
Not Appassible		,				D
Not Accessible Backfill	90%					D
Fill						
Not Accessible	100%					D
Surface	100/0					<u> </u>
Asphalt Pavers	95%	2030	* *	5	\$2,100	В
rispilare ravers	Settlement, Extent : Light, Area Affect			3	Ψ2,100	Ь
	Location : Isolated Throughout					
Asphalt Pavers	4% 4+ \$2,700	2030	* *	5		В
Asphart I avers	Settlement, Extent : Moderate, Area A			3		Ь
	Location: Around Planters (sta 1+9	, ,	+92 From No	rth) And	Former Planter	
	(sta 0+54 From North)			,		
Topsoil	1%	2019	\$100	5		В
Deck Elements						
Railing						
Steel	100%	2019	\$206,100			В
	Other Observation, Extent : Light, Are	ea Affected : 10	%			
	Location: Throughout					
	Explanation: Coating Loss					

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Asset Name : 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 : 02-Mar-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1691 Lot : 6 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$309,100	\$475,300
Total	\$309,100	\$475,300
Priority A	\$309,100	
Priority B		\$475,300
Total	\$309,100	\$475,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$14,500			
Total	\$14,500			
Priority A	\$2,500			
Priority B	\$12,000			
Total	\$14,500			



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 LOW-LEVEL RELIEVING PLATFORM TIMBER PILE SUPPORTED BULKHEAD

Bulkheads	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimat FY	ed Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural	•			•		•
Relieving Platform Top Concrete/Stone	100% 4+ \$309,100 Cracking, Extent: Light, Area Affected Location: Outboard Face Above Mhw Erosion, Extent: Light, Area Affected: Location: Along Stone Edges And At Missing Block Seal, Extent: Severe, Are Location: Btwn Stone Facing In Tidal Spalling, Extent: Moderate, Area Affect Location: 13 Locations Along T/wall Other Observation, Extent: Light, Area	, 2% Dep Outfalls Sta 2 va Affected : 35% Zone ted : 20% Totalling 110 Line Affected : 15%		! 4+90 (fi	rom North)	A
	Location: Outboard Concrete Face A	bove Mhw				
Dila and Danish	Explanation : Surface Scaling/spall					
Piles and Bracing Not Accessible	100%					D
Pile Caps Timber	10% 4+ \$2,500 Rotting/Splitting, Extent: Moderate, Ar Location: Outboard End Of Pile Cap		* *	4	\$300	A
Not Accessible	90%					D
Backfill Fill						
Not Accessible	100%					D
Surface Asphalt Pavers	100%  Settlement, Extent: Light, Area Affected Location: Sta 0+00 To 2+30 And 3+0 Other Observation, Extent: Moderate, A Location: Along Settled Joint	60 To 4+25 (from		5	\$5,000	В
Deck Elements	Explanation : Broken Pavers					
Railing						
Steel	100% 4+ \$9,500 Other Observation, Extent : Light, Area Location : Isolated Throughout Explanation : Coating Loss		175,300			В

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

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 : 02-Mar-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1690 Lot : 10 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads		\$75,500
Total		\$75,500
Priority B		\$75,500
Total		\$75,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$42,800			
Total	\$42,800			
Priority A	\$33,100			
Priority B	\$9,600			
Total	\$42,800			



 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### 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				
Concrete/Stone	100% 4+ \$32,700			A
	Cracking, Extent: Light, Area Affected			
	Location: Outboard Face Above Mh			
	Spalling, Extent: Moderate, Area Affe			
	Location: 3 Locations Totalling 40ft Other Observation, Extent: Light, Are			
	Location: Outboard Face Above Mh			
	Explanation: Surface Scaling/spall	L V V		
Piles and Bracing	Explanation . Surjace Scaling/spail			
Not Accessible	100%			D
Pile Caps				
Timber	10% 4+ \$400	LIFE **	4 \$100	A
	Rotting/Splitting, Extent: Moderate, A	rea Affected : 20%		
	Location: Outboard Ends Of Pile Co	aps		
Not Accessible	90%			D
Backfill				
Fill	400-			_
Not Accessible	100%			D
Surface	1000/ 4.	2030 **	£ \$400	D
Asphalt Pavers	100% 4+ \$8,100 Settlement, Extent : Light, Area Affecte	2030	5 \$400	В
	Location: Offset 3ft From Outboard		om North)	
	Other Observation, Extent : Moderate,		om ivorin)	
	Location: Throughout along settlem			
	Explanation: Broken Pavers	eni joini		
Deck Elements	_mptementer. Dronon I wrote			
Railing				
Steel	100% 4+ \$1,500	2020 \$75,500		В
	Other Observation, Extent : Light, Are	ea Affected : 10%		
	Location : Isolated Throughout			
	Explanation: Coating Loss			

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : LOW-LEVEL RELIEVING PLATFROM TIMBER PILE SUPPORTED BULKHEAD

Address : 118 FT SO OF E 116TH ST TO E 114 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 : 05-Mar-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1713 Lot : 38 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$472,200	\$460,200
Total	\$472,200	\$460,200
Priority A	\$472,200	
Priority B		\$460,200
Total	\$472,200	\$460,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$39,500			
Total	\$39,500			
Priority A	\$2,400			
Priority B	\$37,000			
Total	\$39,500			



<sup>\*\*</sup> 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	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Relieving Platform Top						
Concrete/Stone		9,400 LIFE	* *			A
	Cracking, Extent: Light, Area A					
	Location: Outboard Face Abo					
	Erosion, Extent : Moderate, Are Location : Stone Facing In Tid					
	Missing Block Seal, Extent: Sev		1 · 30%			
	Location: Between Stone Fac		1. 5070			
	Other Observation, Extent : Lig		2%			
	Location : Outboard Face Abo		_, ,			
	Explanation : Surface Scale/sp	pall				
No Component	20%					D
Gravity Wall						
Concrete		8,800 LIFE	* *	5	\$200	A
	Cracking, Extent : Light, Area A	Affected : 2%				
	Location : Outboard Face Abo					
	Erosion, Extent : Moderate, Are					
	Location: Outboard Face In T					
	Other Observation, Extent : Lig		2%			
	Location: Outboard Face Abo					
	Explanation : Surface Scale/sp		ale ale		ф100	
Concrete		3,900 LIFE	* *	5	\$100	A
	Broken, Extent : Severe, Area A Location : Southern Asset Bou	-	utfalle			
No Commonant		maary ma Dep O	uijaiis			D.
No Component Not Accessible	80% 5%					D D
Piles and Bracing	370					D
No Component	20%					D
Not Accessible	80%					D
Pile Caps						
Timber	10% 4+ \$	2,400 LIFE	* *	4	\$300	A
	Rotting/Splitting, Extent: Mode	rate, Area Affecte	d : 50%			
	Location: Outboard End Of F	Pile Caps				
No Component	20%					D
Not Accessible	70%					D
Backfill						
Fill	200/ 37	0.500	a. ·			
Topsoil		0,700 2061	**			В
	Other Observation, Extent : Sev		1:/3%			
	Location : Station 4+10 To 5+ Explanation : Fill Loss	-20 (from North)				
Not Accessible	80%					D
not Accessible	OU70					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.

<sup>\*\*</sup> 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 F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Backfill								
Surface								
Asphalt Pavers	90%			2030	* *	5	\$4,400	В
Asphalt Pavers	5%	Now	\$4,900	2036	* *	5	\$100	В
	Other Obs	ervation, E	Extent : Severe, Are	a Affecte	d : 100%			
	Location	: Station 5	5+10 (from North)					
	Explana	tion : Colla	psed Sinkhole					
Topsoil	5%			2019	\$1,300	5	\$100	В
Deck Elements								
Railing								
Steel	100%	4+	\$9,200	2020	\$460,200			В
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 5%			
	Location	: Isolated	Throughout					
	Explana	tion : Coati	ing Loss					

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

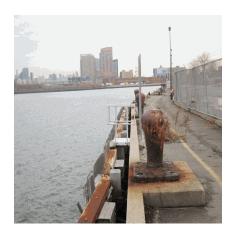
Date of Survey : 17-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : 2472 Lot : 32 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$290,600	
Total	\$290,600	
Priority A	\$185,500	
Priority B	\$105,100	
Total	\$290,600	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$20,800			\$3,100
Total	\$20,800			\$3,100
Priority A				
Priority B	\$6,200			\$3,100
Priority C	\$14,600			
Total	\$20,800			\$3,100



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# DEPT. OF SMALL BUSINESS SERV. - 801 LUMBER EXCHANGE TERMINAL RELIEVING PLATFORM/WHARF

Asset #: 13507

System   Component Type   Total   Vear   Stimated Cost   Vear   Estimated Cost   Cycle   Cyc	Bulkheads	Current I	Repair	Future Rep	olacement	M	aintenance	
Relieving Platform Top Concrete	Component		<b>Estimated Cost</b>		mated Cost		<b>Estimated Cost</b>	
Concrete								
Cracking, Extent : Moderate, Area Affected : 10%		700/ 4.	¢01.200	LIEE	* *	-	¢1.600	
Concrete   30%   2-4   \$104,300   LIFE   ** 5   \$700   A	Concrete				* *	5	\$1,600	A
Cracking, Extent : Severe, Area Affected : 10%   Location : At Areas Of Severe Erosion And Isolated Throughout   Erosion, Extent : Severe, Area Affected : 40%   Location : At 450 Ft From South Corner And At South Corner   Exposed Reinforcement, Extent : Severe, Area Affected : 15%   Location : In Tidal Zone		Location : Isolated	Throughout					
Location : At Areas Of Severe Erosion And Isolated Throughout	Concrete				* *	5	\$700	A
Erosion, Extent : Severe, Area Affected : 40%   Location : At 450 Ft From South Corner And At South Corner		_						
Location : At 450 Ft From South Corner And At South Corner   Exposed Reinforcement, Extent : Severe, Area Affected : 15%   Location : In Tidal Zone			-		Throughout			
Exposed Reinforcement, Extent : Severe, Area Affected : 15%   Location : In Tidal Zone					d. C			
Coping/Curb   Concrete   90%								
Concrete   90%		-		, Area Ajjecied	a : 15%			
Cracking, Extent : Light, Area Affected : 10%   Location : Throughout	Coping/Curb							
Concrete	Concrete	, , , ,			* *	5-10	\$1,000	C
Concrete				: 10%				
Cracking, Extent : Moderate, Area Affected : 10%   Location : Isolated Throughout   Spalling, Extent : Moderate, Area Affected : 20%   Location : At 450 Ft And 620 Ft From South      Piles and Bracing   Not Accessible   100%   D   Pile Caps   Not Accessible   100%   D   Backfill   Fill   Not Accessible   100%   D   Surface   Asphalt   88%   2033   ** 5   \$6,100   B   Settlement, Extent : Light, Area Affected : 5%   Location : Throughout   Location : Near Sewer Drains   Settlement, Extent : 100%   Location : Near Sewer Drains   Not Accessible : 100%   Not Accessible   100%   At a specific contact   100%   At a s								
Location : Isolated Throughout   Spalling, Extent : Moderate, Area Affected : 20%   Location : At 450 Ft And 620 Ft From South	Concrete				* *	5	\$100	C
Spalling, Extent: Moderate, Area Affected: 20%   Location: At 450 Ft And 620 Ft From South		_		cted : 10%				
Piles and Bracing   Not Accessible   100%   D				. 1 200/				
Piles and Bracing								
Not Accessible   100%   D	Dilas and Dusains	Location . At 450 F	i Ana 020 Fi From	South				
Pile Caps   Not Accessible   100%   D	_	100%						D
Not Accessible   100%   D		100/0						<u>D</u>
Backfill   Fill   Not Accessible   100%   D		100%						D
Not Accessible         100%         D           Surface         Asphalt         88%         2033         ** 5         \$6,100         B           Settlement, Extent: Light, Area Affected: 5%           Location: Throughout           Asphalt         10% 4+         \$6,200         2039         ** 5         \$300         B           Settlement, Extent: Moderate, Area Affected: 100%           Location: Near Sewer Drains	Backfill							
Surface           Asphalt         88%         2033         ** 5         \$6,100 B           Settlement, Extent: Light, Area Affected: 5%           Location: Throughout           Asphalt         10% 4+         \$6,200 2039         ** 5         \$300 B           Settlement, Extent: Moderate, Area Affected: 100%           Location: Near Sewer Drains								
Asphalt  88% 2033 ** 5 \$6,100 B  Settlement, Extent: Light, Area Affected: 5% Location: Throughout  Asphalt  10% 4+ \$6,200 2039 ** 5 \$300 B  Settlement, Extent: Moderate, Area Affected: 100% Location: Near Sewer Drains	Not Accessible	100%						D
Settlement, Extent: Light, Area Affected: 5% Location: Throughout  Asphalt  10% 4+ \$6,200 2039 ** 5 \$300 B  Settlement, Extent: Moderate, Area Affected: 100% Location: Near Sewer Drains	Surface							
Asphalt  10% 4+ \$6,200 2039 ** 5 \$300 B  Settlement, Extent: Moderate, Area Affected: 100% Location: Near Sewer Drains	Asphalt				* *	5	\$6,100	В
Asphalt 10% 4+ \$6,200 2039 ** 5 \$300 B  Settlement, Extent: Moderate, Area Affected: 100%  Location: Near Sewer Drains				l : 5%				
Settlement, Extent : Moderate, Area Affected : 100% Location : Near Sewer Drains								
Location : Near Sewer Drains	Asphalt				* *	5	\$300	В
				ected : 100%				
Concrete 2% 2033 ** 5 \$100 B			wer Drains					
	Concrete	2%		2033	* *	5	\$100	В

Fender

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 LUMBER EXCHANGE TERMINAL RELIEVING PLATFORM/WHARF

Bulkheads	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fender						
Wales and Chocks						
Timber	15% Now \$2	7,400 2039	* *	4	\$4,900	В
	Broken, Extent : Severe, Area A	ffected : 100%				
	Location: Two Broken Areas:	South End And	250 Ft North Of So	uth End		
	Rotting/Splitting, Extent: Sever	e, Area Affected	: 30%			
	Location : Tidal Zone Through	nout				
Timber	85% 4+ \$7	7,700 2037	* *	4	\$27,800	В
	Displaced Elements, Extent : Se	vere, Area Affect	ed : 100%		, ,	
	Location : Entire System Is Se	ized In Sliding Ti	racks And Cannot	Function	As Designed	
	Rotting/Splitting, Extent: Light	Area Affected :	30%		-	
	Location : Throughout	23				

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$2,154,300	\$112,600
Total	\$2,154,300	\$112,600
Priority A	\$1,685,900	
Priority B	\$263,900	\$112,600
Priority C	\$204,500	
Total	\$2,154,300	\$112,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$72,100		\$100	
Total	\$72,100		\$100	
Priority A	\$21,200			
Priority B	\$50,900		\$100	
Priority C				
Total	\$72,100		\$100	



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 NAVY HOME PORT RIP-RAP

Asset #: 13503

Bulkheads		Current F	lepair	Future	Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
tructural				•				
Relieving Platform Top								
Concrete	30%	Now	\$211,700	LIFE	* *	5	\$1,400	Α
			xtent : Severe, Are		d: 100%			
			dundant By Revetn	nent				
	Explanati	on : Colla	psed Structure					
No Component	70%							D
Piles and Bracing								
Timber	30%	Now	\$245,700	2018	\$1,228,600	4	\$55,000	Α
	Other Obse	ervation, E	xtent : Severe, Are	a Affected	d: 100%			
	Location	: Made Re	dundant By Rip - I	Rap				
	Explanati	on : Colla	psed Structure					
No Component	70%							D
Revetment								
Stone	80%			LIFE	* *	5	\$5,900	C
Stone	20%	Now	\$204,500	LIFE	* *	5	\$1,500	C
	Missing Pa	rt, Extent	: Severe, Area Affe	cted : 100	0%			
	Location	: Top Of R	evetment					
Pile Caps								
Timber	30%	Now	\$21,200	LIFE	* *	4	\$2,900	A
	Other Obse	rvation, E	xtent : Severe, Are	a Affected	d: 100%			
	Location	: Made Re	dundant By Rip - I	Rap				
	Explanati	ion : Colla	psed Structure					
No Component	70%							D
ackfill								
Fill								
Topsoil	20%			2050	* *	10		В
Not Accessible	80%							D
Surface								
Topsoil	20%	Now	\$15,000	2022	\$15,000	5	\$600	В
-	Erosion, Ex	xtent : Seve	ere, Area Affected	: 100%				
	Location	: Erosion	Of Bank					
Topsoil	80%			2020	\$59,900	5	\$4,600	В
ender					, ,-		, ,	
Piles								
Timber	30%	Now	\$78,500	2037	* *	4	\$8,800	В
	Other Obse	rvation, E	xtent : Severe, Are	a Affected	d: 100%			
	Location	: Made Re	dundant					
	Explanati	ion : Colla	psed Structure					
No Component	70%							D
Wales and Chocks								
Timber	30%	Now	\$18,500	2018	\$185,400	4	\$19,900	В
			xtent : Severe, Are			-	, ,- 30	_
		: Made Re		JJ				
			psed Structure					
No Component	70%							D
no Component	70/0							ע

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.

 ${\it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> 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 Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date l (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Deck Elements								
Railing								
Fencing	50%			2023	\$37,700	3	\$200	В
Fencing	20%	Now	\$15,100	2027	* *	3	\$100	В
-	Broken, Ex	ctent : Severe	e, Area Affected :	100%				
	Location	: Throughou	ıt					
No Component	30%							D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$273,300	\$115,700
Total	\$273,300	\$115,700
Priority B Priority C	\$37,300 \$236,000	\$115,700
Total	\$273,300	\$115,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$45,700	\$600	\$100	
Total	\$45,700	\$600	\$100	
Priority A	\$34,400			
Priority B	\$11,300	\$600	\$100	
Priority C				
Total	\$45,700	\$600	\$100	



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# DEPT. OF SMALL BUSINESS SERV. - 801 NAVY HOME PORT WHARFS, BULKHEAD, SEAWALL

Bulkheads	Current l	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural			•				•
Revetment							
Asphalt remnants	75% 4+	\$41,000	LIFE	**	5	\$700	С
	Progressing Scour, I Location : Concret						
Concrete	25% 4+	\$195,000	LIFE	**			С
Concrete	Other Observation, I			cted : 50%			C
	Location : Through		33				
	Explanation: Pour	ed Concrete, Crack	ks				
Sheet Piles							
Steel	20%		LIFE	* *			A
	Corrosion, Extent : 1		l : 10%				
	Location : North E						
Steel	5% 4+	\$34,400	LIFE	* *			Α
	Corrosion, Extent : I	0 . 55	l : 25%				
	Location : South En	nd					
No Component	75%						D
Backfill							
Fill	1.50/ NT	ф2 <b>7</b> , 200	20.62	* *			ъ
Topsoil	15% Now Other Observation, 1	\$37,300 Extent: Severe Are	2062				В
	Location: Behind				Through	out	
	Explanation: Eros			mern i enee, ima	Through	Oili	
Not Accessible	85%	ion in Top of never					D
Surface	0370						
Concrete	10%		2031	* *	5	\$1,200	В
	Cracking, Extent : Li	ight, Area Affected	: 5%			, ,	
	Location : Through	nout					
Topsoil	80%		2020	\$49,800	5	\$3,800	В
Topsoil	10% Now	\$6,200	2022	\$6,200	5	\$200	В
•	Erosion, Extent : Sev	vere, Area Affected	: 100%	,			
	Location : At Top (	Of Revetment					
Deck Elements							
Railing							
Fencing	95%		2023	\$59,600	3	\$400	В
Fencing	5% Now	\$3,100	2027	* *	3		В
	Progressing Scour, E			t : 100%			
	Location : Sta 0+3	U 10 U+8U, From S	outh				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Asset Name : 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 2015	FY 2016	FY 2017	FY 2018
Bulkheads		\$1,900		\$100
Total		\$1,900		\$100
Priority A				\$100
Priority B		\$1,900		
Priority C				
Total		\$1,900		\$100



 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Coping/Curb								
Concrete	100%			LIFE	* *	5	\$300	C
Gravity Wall								
Stone Gabion	70%			LIFE	* *	3	\$200	A
Not Accessible	30%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt	100%			2036	* *	5	\$3,800	В
Deck Elements								
Railing								
Guard Rail	100%			LIFE	* *			В

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

 $Program \, / \, Asset \, \# \quad : \quad DBS 0025.025 \, / \, 1763 \qquad \qquad Yr \, Built / Renovated \quad : \quad$ 

Linear Ft : 1,333 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 20-Jul-2007 Landmark Status : NONE

Areas Surveyed :

Block : 1107 Lot : 12 BIN :

#### CAPITAL

**Total** 

Priority

**Total** 

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads		\$10,200		\$2,500
Total		\$10,200		\$2,500
Priority A				
Priority B		\$10,200		\$2,500
Total		\$10,200		\$2,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# DEPT. OF SMALL BUSINESS SERV. - 801 PASSENGER SHIP TERMINAL BULKHEAD, PIERS 88, 90, 92

Bulkheads	Current Repair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year Est	timated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Gravity Wall						
Concrete	20%	LIFE	* *	5	\$900	A
	Other Observation, Extent : Li	ght, Area Affected : 10	00%			
	Location: Throughout					
	Explanation: Under Constri	ıction				
Not Accessible	80%					D
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Concrete	40%	2028	* *	5	\$5,000	В
Not Accessible	60%					D
Fender						
Piles						
Timber	10%	2028	* *	4	\$3,900	В
No Component	70%					D
Not Accessible	20%					D
Wales and Chocks				•		
Timber	30%	2028	* *	4	\$26,600	В
No Component	70%					D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$594,200	
Total	\$594,200	
Priority A	\$59,900	
Priority B	\$534,300	
Total	\$594,200	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$7,800		\$1,000	\$30,200
Total	\$7,800		\$1,000	\$30,200
Priority A				\$29,300
Priority B	\$7,700		\$1,000	\$900
Priority C	\$100			
Total	\$7,800		\$1,000	\$30,200



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# DEPT. OF SMALL BUSINESS SERV. - 801 PERIMETER WALL AROUND PIER J BERTHS 15,16,17

Asset #: 13524

Bulkheads	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Coping/Curb					_		_
Timber	10%		LIFE	* *	5	\$200	C
No Component	90%						D
Pile Supported Wall Concrete	85%		2033	* *	5	\$58,600	٨
Concrete	85% Cracking, Extent : Li	aht Area Affected			5	\$38,000	Α
	Location : Isolated		. 2070				
	Mechanical Damage,		ea Affecte	ed : 26%			
	Location : Through	_					
Concrete	15% 4+	\$59,900	2033	* *	5	\$5,200	A
Concrete	Erosion, Extent : Mo				3	Ψ3,200	Α
	Location : Through		ca . 5070				
	Spalling, Extent : Mo		ted : 50%	: •			
	Location : At West						
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 Statio	n 10+50 And Statio	on 14+02	(Station 0+00 At	Southeas	st Corner Of	
Not Appasible	Asset)						D
Not Accessible Surface	99%						D
Asphalt	9%		2033	* *	5	\$1,800	В
Asphalt Pavers	1% Now	\$6,000	2033	* *	5	\$1,800	В
Aspilait I avers	Other Observation, E			cted · 100%	3	Ψ100	Ъ
	Location : At The S				orner Of	Asset	
	Explanation : Missi		,		J		
Concrete	10%	0	2037	* *	5	\$2,000	В
Not Accessible	80%		2037		3	Ψ2,000	D
Fender							
Buffer							
Rubber	5% Now	\$9,800	2039	* *	4-5	\$1,500	В
	Missing Part, Extent	: Severe, Area Affe	cted : 10	0%			
	Location: Earth M	over Tires Missing	At One L	ocation			
Rubber	45% 0-2	\$176,100	2039	* *	4-5	\$13,100	В
	Aging, Extent : Sever						
	Location : Rubber T	Tires, At South Fac	e And At	Inshore End Of N	orth Face	2	
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.

<sup>\*\*</sup> 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	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Fender				
Wales and Chocks				
Timber	100% Now \$348,400	2039 * *	4 \$93,700	В
	Broken, Extent : Severe, Area Affected :	: 100%		
	Location: Stations 0+00 To 1+04; 16	5+86 To 20+50		
	Other Observation, Extent : Severe, Are	ea Affected : 100%		
	Location: Stations 1+04 To 16+86; 2	20+50 To 21+10		
	Explanation: Missing			

Asset Name : PIER 11 BULKHEAD STEEL SHEET PILE

Address : AT ATLANTIC BASIN

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0047.000 / 13960 Yr Built/Renovated :

Linear Ft : 1,400 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 13-Oct-2010 Landmark Status : NONE

Areas Surveyed :

Block : 515 Lot : 61 BIN :

#### **CAPITAL**

**Total** 

Priority

**Total** 

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$44,400	\$6,400		
Total	\$44,400	\$6,400		
Priority A				
Priority B	\$37,100	\$6,400		
Priority C	\$7,300			
Total	\$44,400	\$6,400		



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 PIER 11 BULKHEAD STEEL SHEET PILE

Asset #: 13960

Bulkheads	Current R	Repair Future		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Coping/Curb	0.0-1				_	4.00	~
Timber	90%	Φ7.200	LIFE	* *	5	\$600	C
Timber	10% Now Missing Part, Extent:	\$7,300	LIFE	**	5	\$100	C
	Location : Station 8-				70 (from	Fast)	
Sheet Piles	Location : Station o	100 10 0 103, 5 12	20 10 > 1	30, 10   30 10 10	70 Grom	· East)	
Steel	25%		LIFE	* *			A
	Corrosion, Extent : M	oderate, Area Affe		0%			
	Location : Splash Zo						
	Missing Coating, Exte	nt : Moderate, Ar	ea Affect	ed : 40%			
	Location: Througho	ut Above Mlw Ele	evation				
Not Accessible	75%						D
Pile Caps							
Concrete	100%		LIFE	* *	5	\$3,500	A
	Cracking, Extent: Lig		: 20%				
	Location : Througho	ut					
Backfill							
Fill	20/ 14	Φ	20.62	* *			ъ.
Topsoil	2% Now	\$5,600	2062				В
	Other Observation, Ex Location : Stations 3						
	Explanation : Sinkho		from Eas	<i>si)</i>			
Not Accessible	98%	ne/jiii Loss					D
Surface	90/0						ע
Asphalt	78%		2031	* *	5	\$10,200	В
1 10 1 1 1 1 1	Cracking, Extent : Lig	ht, Area Affected				Ψ10 <b>,2</b> 00	-
	Location : Througho						
	Settlement, Extent : Li	ght, Area Affectea	1:20%				
	Location: Station 5-	+00 To 7+50 (from	m West)				
Asphalt	2% Now	\$2,300	2037	* *	5	\$100	В
1	Other Observation, Ex	tent : Severe, Are	a Affecte	d : 100%			
	Location: Station 3-	+85 And 10+40 (f	from East	·)			
	Explanation: Sinkho	ole In Surface					
Concrete	20%		2031	* *	5	\$2,600	В
	Cracking, Extent: Lig	ht, Area Affected	: 100%				
	Location: Througho	ut					
Fender							
Piles			• • • •			440.000	_
Timber	25%		2031	* *	4	\$10,300	В
Not Accessible	75%						D
Wales and Chocks	C00/		2021	* *	4	¢<2.400	D
Timber	68%	¢4.000	2031	* *	4	\$63,400	В
Timber	2% Now Broken, Extent : Sever	\$4,600	2037	<i>ሉ</i>	4	\$1,200	В
	Location : Througho		100%				
Not Associble							
Not Accessible	30%						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.

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$392,700	
Total	\$392,700	
Priority A	\$172,800	
Priority B	\$219,900	
Total	\$392,700	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$37,900		\$3,100	\$32,400
Total	\$37,900		\$3,100	\$32,400
Priority A				\$26,800
Priority B	\$37,900		\$3,100	\$5,600
Total	\$37,900		\$3,100	\$32,400



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# DEPT. OF SMALL BUSINESS SERV. - 801 PIER K INCLUDING PERIMETER BULKHEAD / BERTHS 19, 20

Asset #: 13523

Bulkheads	Current Repair	Future Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural Pile Supported Wall Concrete	90%	2033 **	5	\$53,700	A
	Erosion, Extent: Light, Area Affected: Location: In Tidal Zone Mechanical Damage, Extent: Light, Ar Location: Along The Top Of Concret Spalling, Extent: Light, Area Affected Location: Isolated Throughout	rea Affected : 20% e Wall			
Concrete	10% 4+ \$172,800 Erosion, Extent: Moderate, Area Affect Location: Isolated Throughout In Tic Spalling, Extent: Moderate, Area Affect Location: Above Mlw	dal Zone	5	\$3,000	A
Piles and Bracing	1000				-
Not Accessible Pile Caps	100%				D
Not Accessible	100%				D
Backfill Fill					
Topsoil	1% Now \$3,600 Erosion, Extent : Severe, Area Affected Location : 4 Void Locations Just Beh				В
Not Accessible	99%				D
Surface					
Asphalt	20%	2037 **	5	\$3,400	В
Asphalt	25% 4+ \$22,900 Cracking, Extent : Light, Area Affected Location : Throughout Pier	2037 ** !: 30%	5	\$2,100	В
Asphalt Blocks	15% 4+ \$54,200  Settlement, Extent: Light, Area Affecte Location: Throughout North And Sou Other Observation, Extent: Severe, Are Location: At Offshore End Of Asset Explanation: Broken/ Displaced Pav	uth Sides Of Pier ea Affected : 20%	5	\$1,300	В
Asphalt Blocks	20%	2033 **	5	\$3,400	В
Concrete	5%	2033 **	5	\$900	В
	Cracking, Extent : Light, Area Affected Location : At Isolated Concrete Patcl	: 10%		,,,,,,	
Not Accessible	15%				D
Fender Buffer					
Rubber	25%	2033 **	4-5	\$9,800	В
Rubber	5% Now \$11,300  Broken, Extent: Severe, Area Affected		4-5	\$1,300	В
No Comment	Location: Broken/Missing Extruded	Arcn Fenaer 3/1 Ft From S	outnwest		
No Component	70%				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.

<sup>\*\*</sup> 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fender								
Wales and Chocks								
Timber	55%	Now	\$165,700	2039	* *	4	\$44,600	В
	Broken, Ex	xtent : Seve	re, Area Affected :	50%				
	Location	: North An	d West Face					
No Component	45%							D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : RELIEVING PLATFORM

Address : E. RIVER, 36TH ST. TO 38TH ST.

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DBSR025.065 \, / \, 4087 \qquad \qquad Yr \, Built / Renovated \quad : \, \,$ 

Linear Ft : 508 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 07-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 968 Lot : 50 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads		\$406,200
Total		\$406,200
Priority B		\$406,200
Total		\$406,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$77,600	\$200	\$600	\$300
Total	\$77,600	\$200	\$600	\$300
Priority A	\$56,700			
Priority B	\$2,100	\$200	\$600	\$300
Priority C	\$18,800			
Total	\$77,600	\$200	\$600	\$300



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 RELIEVING PLATFORM

Asset #: 4087

Bulkheads	Current Repair	Future Replacement		M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Coping/Curb	000/	I IDD	* *	_	Φ200	
Concrete	80% Displaced Elements, Extent: Light, Area Location: Throughout	LIFE Affected: 10%	* *	5	\$300	С
Concrete	10% 2-4 \$16,200 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		. ,	r: 1. D. 1	W.1 E 1	
	Explanation: Broken Light Pole Hangi Wires	ng In Water Ana Mi	ssing 1	Light Pol	e with Exposea	
Timber	5%	LIFE	* *	5		С
Timber	5% 2-4 \$2,700	LIFE	* *	5		Č
	Rotting/Splitting, Extent : Severe, Area A			-		
	Location : At South End					
Pile Supported Wall						
Conc w/Stone Face	5% Now \$33,700 Other Observation, Extent : Severe, Area Location : Throughout		* *	5	\$1,700	A
	Explanation: Erosion Along Bottom O	f Stone Face				
Conc w/Stone Face	35% Other Observation, Extent: Light, Area Location: Throughout Explanation: Minor Erosion	LIFE Affected : 50%	* *	5	\$11,700	A
Not Accessible	60%					D
Piles and Bracing	0070					
Timber	2% Now \$16,700 Rotting/Splitting, Extent : Moderate, Are Location : At Tops Of Piles Along Bulk		* *	4	\$1,200	A
Not Accessible	98%					D
Lowlevel Pile Caps						
Timber	5% Now \$6,300 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	1000/					Ъ
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.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 RELIEVING PLATFORM

Bulkheads	Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Backfill							
Surface					_	<b>** -</b> • •	_
Brick Pavers	78%		2039	* *	5	\$3,700	В
	Other Observation, Exten	nt : Light, Area	Affected	: 50%			
	Location: Throughout						
	Explanation : Settlemen						
Brick Pavers	2% Now	\$2,100	2039	* *	5		В
	Missing Part, Extent: M		ffected :	10%			
	Location: At Station 2						
	Other Observation, Exten		Area Affe	cted : 100%			
	Location: At Station 2						
	Explanation : Settlemen	ıt					
Cobblestone	10%		2043	* *	5	\$600	В
Concrete	10%		2032	* *	5	\$500	В
	Cracking, Extent : Light,	Area Affected :	50%				
	Location: At South End	d					
	Erosion, Extent : Light, A	Area Affected : :	50%				
	Location : At South End	d					
Fender							
Buffer							
Rubber	10%		2032	* *	4-5	\$1,200	В
No Component	90%						D
Deck Elements							
Railing							
Concrete	10%		2024	\$11,600			В
	Other Observation, Extent : Light, Area Affected : 100%						
	Location : At South End						
	Explanation : Concrete	Parapet Wall					
Steel	90%		2022	\$406,200			В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads		\$35,500
Total		\$35,500
Priority B		\$35,500
Total		\$35,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$29,200			
Total	\$29,200			
Priority A	\$26,400			
Priority B	\$2,800			
Total	\$29,200			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### DEPT. OF SMALL BUSINESS SERV. - 801 RELIEVING PLATFORM

Asset #: 13956

Bulkheads	Curre	nt Repair	Future Replacement		M		
System Component Type	% of Fail Da Total (Year	ate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Relieving Platform Top  Concrete	15% 4+	\$22,600	LIFE	* *	5	¢100	4
Concrete		\$22,600 Moderate, Area Affec L'Zone			5	\$100	A
Concrete	Location : Thro	_		* *	5	\$200	A
	Location : Thro	Light, Area Affected : ughout	3%				
No Component Not Accessible	10% 30%						D D
Piles and Bracing							
Timber	2% Rotting/Splitting, Location: Thro	Extent : Light, Area A ughout	2031 Affected : 1	* *	4	\$600	A
No Component	10%						D
Not Accessible	88%						D
Sheet Piles							
Steel		t : Moderate, Area Afj Zone, North End	LIFE fected : 10	* *			A
Steel	4% 4+ Corrosion, Extent Location : North	\$3,500 t : Light, Area Affected to End	LIFE d: 100%	* *			A
No Component	90%						D
Not Accessible	5%						D
Pile Caps							
Timber	2% Rotting/Splitting, Location : In Ti	Extent : Light, Area A dal Zone	LIFE Affected : 1	* *	4		A
No Component	10%						D
Not Accessible	88%						D
Backfill Fill							
Not Accessible	100%						D
Surface Stone	35% Other Observation	n, Extent : Light, Ared	2031 a Affected	* * : 100%	10		В
	Location: Throi Explanation: Si	ughout					
Timber		n, Extent : Light, Arec eck South Of Restaurd Teathering		**: 100%	10		В
Not Accessible	50%	U					D
Fonder	5070						ע

#### 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.

 ${\it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> 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 Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estin FY	nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fender						
Piles						
Timber	10% 2-4 \$2,8	300 2037	* *	4	\$300	В
	Rotting/Splitting, Extent: Moderate	te, Area Affected : 40	%			
	Location : Above Mlw					
No Component	90%					D
Deck Elements						
Railing						
Steel	25%	2020	\$35,500			В
	Other Observation, Extent: Light, Area Affected: 10%					
	Location : Throughout					
	Explanation: Coat Loss And Co.	rrosion				
No Component	75%					D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$198,100	\$57,700
Total	\$198,100	\$57,700
Priority A	\$155,200	
Priority B	\$42,900	\$57,700
Total	\$198,100	\$57,700

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$27,300		\$400	
Total	\$27,300		\$400	
Priority A	\$26,300			
Priority B	\$1,000		\$400	
Total	\$27,300		\$400	



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### DEPT. OF SMALL BUSINESS SERV. - 801 RELIEVING PLATFORM BULKHEAD

Asset #: 13802

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 Concrete	95% 4+ \$155,200	LIFE **	5 \$800	٨	
Concrete	Cracking, Extent: Severe, Area Affect Location: Stations 0+90, 1+70, And Spalling, Extent: Moderate, Area Affe Location: In Tidal Zone In Bottom 2 Other Observation, Extent: Light, Are	ed : 5% l 2+10 ( From North) cted : 20% Ft Of Concrete Along Full I		A	
	Location: Throughout				
	Explanation: Isolated Map Cracking				
Concrete/Stone	5% Now \$25,000 Broken, Extent : Severe, Area Affected Location : Failed Stone Masonry Wa	: 100%		A	
Piles and Bracing					
Not Accessible	100%			D	
Pile Caps Timber	10% 4+ \$1,200 Rotting/Splitting, Extent: Light, Area Location: At Eastern Ends Of Pile O	Affected : 100%	4 \$200	A	
Not Accessible	90%			D	
Backfill					
Fill Gravel	5% Now \$1,000 Other Observation, Extent: Severe, An Location: At Stone Masonry Wall At Explanation: Fill Loss Due To Faile	rea Affected : 100% North End Of Asset	5	В	
Not Accessible	95%			D	
Surface					
Concrete	30%	2037 **	5 \$700	В	
Not Accessible	70%			D	
Fender Wales and Chocks					
Timber	100% Now \$42,900 Broken, Extent: Severe, Area Affected Location: Throughout Missing Part, Extent: Severe, Area Affected Location: Throughout	! : 10%	4 \$11,500	В	
Deck Elements					
Railing Fencing	75% Corrosion, Extent : Light, Area Affecte Location : Throughout	2022 \$9,800 ed: 75%	3 \$100	В	
Steel	25%  Missing Part, Extent: Severe, Area Af  Location: Three Nuts Missing 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.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$159,800	
Total	\$159,800	
Priority A	\$83,300	
Priority B	\$76,600	
Total	\$159,800	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$30,600	\$400		
Total	\$30,600	\$400		
Priority A	\$5,500			
Priority B	\$3,500	\$400		
Priority C	\$21,700			
Total	\$30,600	\$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 RELIEVING PLATFORM AND REVETMENT (SURROUNDED BY CONCRETE BLOCK)

Asset #: 13481

Bulkheads	Current l	Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Relieving Platform Top  Concrete	50%		LIFE	* *	5	\$400	٨
Concrete	20% Now	\$83,300	LIFE	* *	5 5	\$200	A A
Concrete	Broken, Extent: Sev. Location: At North Displaced Elements, Location: Isolated	ere, Area Affected : End Extent : Severe, Ar	100%	ed : 100%	3	Ψ200	A
	Erosion, Extent : Sev Location : Isolated	ere, Area Affected	: 100%				
No Component	30%						D
Piles and Bracing							
No Component	30%						D
Not Accessible	70%						D
Revetment							
Stone	30% 4+ Other Observation, 1 Location : Through Explanation : Poor	nout; North End Of	Asset	* * cted : 40%	5	\$400	С
No Component	70%						D
Lowlevel Pile Caps							
Timber	65%		LIFE	* *			A
Timber	5% 4+ Rotting/Splitting, Ext Location : At The V						A
No Component	30%						D
Backfill Fill							
Gravel	10% Now Other Observation, 1 Location : At North Explanation : Sinkh	nern End Of Pile Su			5		В
Not Accessible	90%						D
Surface							
Topsoil	70%		2021	\$9,300	5	\$700	В
Topsoil	10% Now Settlement, Extent : S Location : At North				5 oughout	\$100	В
Not Accessible	20%						D
Fender Wales and Chocks Timber	70% Now Missing Part, Extent			**	4	\$8,200	В
N. C	Location : Missing	Along Kelleving Pi	atform				
No Component	30%						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.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : REVETMENT

Address : RICHMOND TERRACE AND CLINTON AVE

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DBS0037.000 / 13930 Yr Built/Renovated :

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 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$300			
Total	\$300			
Priority B Priority C	\$300			
Total	\$300			



<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT

Bulkheads	Current Repair	Current Repair Future Replacen		cement Maintenance			
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Est FY	imated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Structural							
Revetment							
Stone	100%	LIFE	* *	5	\$700	C	
	Other Observation, Extent : Light, A	Area Affected : 10	0%				
	Location: Throughout						
	Explanation : Non-engineered Re	vetment					
Backfill							
Fill							
Not Accessible	100%					D	
Surface							
Topsoil	100%	2020	\$7,300	5	\$600	В	

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$3,300	\$300		
Total	\$3,300	\$300		
Priority B Priority C	\$3,300	\$300		
Total	\$3,300	\$300		



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# 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	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Revetment						
Stone	100%	LIFE	* *	5	\$1,100	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+	\$3,300 2022	\$3,300	5	\$100	В
1	Erosion, Extent : Moderate,	Area Affected: 100%				
	Location: Throughout					
Topsoil	70%	2021	\$7,700	5	\$600	В

**DEPT. OF SMALL BUSINESS SERV. - FY 2014** Print Date: 05-Sep-2013

**Asset Name** : REVETMENT

: FOOT OF METROPOLITAN AVE. Address

Borough Agency's Number : BROOKLYN : N/A Program / Asset # Yr Built/Renovated

: DBS0039.000 / 13951 Linear Ft : 64 **Project Type** 

: ECONOMIC DEVELOPMENT **Date of Survey** : NONE

: 03-Nov-2010 **Landmark Status** 

**Areas Surveyed** 

Block BIN : 2355 Lot : 20

#### **CAPITAL**

**Total** 

Priority

Total

Total	\$1,800	\$200		
Priority C	<b>41,000</b>	<b>72</b> 00		
Priority B	\$1,800	\$200		
Total	\$1,800	\$200		
Bulkheads	\$1,800	\$200		
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT

Bulkheads	Current Rep	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
Structural									
Revetment									
Stone	100%		LIFE	* *	5	\$300	C		
	Other Observation, Exte Location : 0+25 Explanation : Outfall A	0	Affected	: 2%					
Backfill									
Fill									
Topsoil	10% Now	\$1,300	2062	* *			В		
1	Other Observation, Extent : Moderate, Area Affected : 25%								
	Location : At South En	d Of Asset							
	Explanation : Fill Loss								
Not Accessible	90%						D		
Surface									
Asphalt	10% Now	\$500	2037	* *	5		В		
•	Broken, Extent : Modera	te, Area Affecte	d: 10%						
	Location: 0+25								
Concrete	60%		2031	* *	5	\$400	В		
	Settlement, Extent : Ligh	t, Area Affected	: 20%			,			
	Location : Near Center								
Gravel	30%		2031	* *	2-5	\$100	В		

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

**DEPT. OF SMALL BUSINESS SERV. - FY 2014** Print Date: 05-Sep-2013

**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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$327,600	
Total	\$327,600	
Priority C	\$327,600	
Total	\$327,600	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$7,600		\$800	
Total	\$7,600		\$800	
Priority B Priority C	\$7,600		\$800	
Total	\$7,600		\$800	_



<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT

Bulkheads	Current R	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Structural								
Revetment								
Stone	15% Now	\$51,700	LIFE	* *	5	\$400	C	
	Erosion, Extent : Seve							
	Location: Loss Of S			1 250/				
	Other Observation, Ex		a Affecte	d: 25%				
	Location: Througho							
<b>Q</b> .	Explanation: Missir	<u> </u>		* *		Φ2.000		
Stone	80% 4+	\$275,900	LIFE		5	\$2,000	С	
	Other Observation, Ex Location : Througho		Ајјестеа	: 100%				
	Explanation : Impro		f Tansail					
Not Accessible	5%	per stope, Loss O	торѕон				D	
Not Accessible	- / -	rtent : Light Area	Affected	. 0%			D	
	Other Observation, Extent : Light, Area Affected : 0%  Location :							
	Explanation : Topso	il Compacted Hau	l Ramp I	Placed Over Origin	ıal Revet	ment		
Backfill	1 1	1	1					
Fill								
Topsoil	15% Now	\$6,100	2052	* *			В	
	Other Observation, Ex		Area Affe	cted : 40%				
	Location: Throughout							
	Explanation: Fill E	roding At The Top	Of The I	Revetment				
Not Accessible	85%						D	
Surface								
Topsoil	85%		2022	\$21,500	5	\$1,600	В	
Topsoil	15% Now	\$1,500	2023	\$3,800	5	\$100	В	
	Erosion, Extent : Moderate, Area Affected : 10% Location : Located At Top Of Revetment Throughout And In Area Of Backfill Loss							
	Location : Located A	At 1 op Of Revetme	nt Throu	gnout And In Area	Of Back	fill Loss		

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$1,490,100	\$102,200
Total	\$1,490,100	\$102,200
Priority B	\$94,200	\$102,200
Priority C	\$1,395,800	
Total	\$1,490,100	\$102,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$14,600	\$6,100		
Total	\$14,600	\$6,100		
Priority A				
Priority B	\$14,600	\$6,100		
Priority C				
Total	\$14,600	\$6,100		



<sup>\*\*</sup> 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		Current Repair		Future Replacement		Maintenance			
System Component Type		ail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Structural									
Gravity Wall									
Concrete	30%			LIFE	* *	5	\$2,900	A	
No Component	65%							D	
Not Accessible	5%							D	
Revetment									
Stone	30%			LIFE	* *	5	\$4,300	C	
Stone	50%	0-2	\$997,000	LIFE	* *	5	\$7,200	C	
			xtent : Severe, Are						
			out West Of Richmo		um Wharf				
	Explanatio	n : Inade	quate Armor Prote	ection					
Stone	20%	2-4	\$398,800	LIFE	* *	5	\$2,900	С	
	Other Obser	vation, Ex	ctent : Moderate, A	Area Affe	cted : 60%				
	Location:	Station 1-	+60 To 2+40 Fron	n East En	d And Throughou	t West Oj	Richmond		
	Stadium Wi								
	Explanatio	n : Inade	quate Armor Prote	ection					
Backfill									
Fill	40		404.500	• • • •		_		_	
Gravel		Now	\$94,200	2037	**	5	\$900	В	
			ktent : Severe, Are						
				Retaining	g Wall West Of Ric	hmond S	tadium Wharf		
		n : Erosia	on And Fill Loss						
Not Accessible	60%							D	
Surface									
Asphalt	10%			2031	* *	5	\$2,700	В	
Brick Pavers	10%			2044	* *	5	\$2,700	В	
Concrete	10%			2031	* *	5	\$2,700	В	
	Settlement, Extent : Moderate, Area Affected : 100%								
	Location : End	Stations I	2+50 To 12+65, 1	13+60 To	14+25, And 16+4	45 To 17	+55 From East		
Topsoil	60%			2021	\$87,600	5	\$6,700	В	
Topsoil	10%	Now	\$14,600	2022	\$14,600	5	\$600	В	
<u>.</u>	Missing Par	t, Extent :	Severe, Area Affe	cted : 309					
		Sinkholes			oncrete Surface At	Station	11+12, 20+88,		
			oderate, Area Affe						
	Location : End	Stations 1	2+50 To 12+65, I	13+60 To	14+25, And 16+4	45 To 17	+55 From East		

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$5,800		\$500	
Total	\$5,800		\$500	
Priority B			\$500	
Priority C	\$5,800			
Total	\$5,800		\$500	



<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT NORTH OF NICKS LOBSTER HOUSE

Bulkheads	Curr	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail l Total (Yea	Date Estimated Cost ars)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Revetment							
Stone	98%		LIFE	* *	5	\$3,400	C
Stone	2% 4+	\$5,800	LIFE	* *	5	\$100	C
	Other Observati	on, Extent : Moderate,	Area Affe	cted : 100%			
	Location : Nor	thern Section Of Revet	nent				
	Explanation:	Missing Stone					
Backfill							
Fill							
Not Accessible	100%						D
Surface			•		•		
Topsoil	40%		2022	\$14,100	5	\$1,100	В
No Component	60%						D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : REVETMENT NORTH SIDE OF 65TH ST. RAIL YARD

Address : FOOT OF 66TH ST.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DBS0051,000 / 13969 Yr Built/Renovated :

Linear Ft : 203 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 02-Nov-2010 Landmark Status : NONE

Areas Surveyed :

Block : 5804 Lot : 2 BIN :

#### CAPITAL

**Total** 

Priority

**Total** 

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$200			
Total	\$200			
Priority B Priority C	\$200			
Total	\$200			



## DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT NORTH SIDE OF 65TH ST. RAIL YARD

Bulkheads	Current Repa	ir Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural			•		•	
Revetment						
Stone	100%	LIFE	* *	5	\$1,000	C
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Gravel	100%	2035	* *	2-5	\$500	В
	Erosion, Extent : Light, Ar	rea Affected : 10%				
	Location: Isolated Abov	e Revetment				

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$118,900	
Total	\$118,900	
Priority C	\$118,900	
Total	\$118,900	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$1,700	\$1,800	\$100	
Total	\$1,700	\$1,800	\$100	
Priority A Priority B Priority C	\$1,700	\$1,800	\$100	
Total	\$1,700	\$1,800	\$100	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT SEA TRAVELERS

Bulkheads	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Revetment						
Stone		S118,900 LIFE	* *	5	\$4,300	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	\$19,800	A
	Corrosion, Extent : Light, An					
	Location : At Boat Lift, Abo		1 50/			
	Other Observation, Extent:		cted: 5%			
	Location : At Boat Lift, Abo	ove MIW Elevation				
	Explanation: Corrosion	44.500			4000	
Timber, 10' Water	2% 4+	\$1,700 LIFE	**	4	\$300	A
	Other Observation, Extent:	Light, Area Affected	: 30%			
	Location : At Boat Lift					
	Explanation : Fill Loss					
No Component	90%					D
Backfill						
Fill	1000/					D
Not Accessible	100%					D
Surface	100/	2036	* *	5	\$900	В
Concrete Gravel	10% 20%	2036	* *	5 2-5	\$500 \$500	В
	20% 70%	2032			·	В
Topsoil	/ 0%	2021	\$33,900	5	\$2,600	D

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$141,900	
Total	\$141,900	
Priority B	\$36,900	
Priority C	\$105,000	
Total	\$141,900	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$10,700			\$600
Total	\$10,700			\$600
Priority B	\$9,200			\$600
Priority C	\$1,500			
Total	\$10,700			\$600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT - RIPRAP BULKHEAD

Bulkheads		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date I (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Revetment			****			_	44 700	~
Stone	50%	4+	\$105,000	LIFE	**	5	\$1,500	C
			ent : Light, Area	Affected	: 20%			
	Location :		- : 1 Cl 1:	D		D1	- Enidon Of	
	Explanati Material I	,	gineerea Snoreiii	ie Proiec	ction. Inadequate	riacemer	ii. Eviaence Oj	
Stone	50%	2000		LIFE	* *	5	\$3,000	C
Stolle		rvation, Ext	ent : Light, Area		: 100%	5	Ψ5,000	C
		Typical Th	· ·	33				
	Explanation	on : Non-en	gineered Shoreli	ne Prote	ction			
Backfill	*		<u> </u>					
Fill								
Topsoil	25%	Now	\$18,400	2059	* *			В
	Erosion, Extent : Light, Area Affected : 20%							
	Location :	Above Rev	etment Througho	ut				
Topsoil		Now	\$18,400	2059	* *			В
	Erosion, Extent : Severe, Area Affected : 100%							
	Location :	: Above Rev	etment 150 Ft Ne	ar South	End			
Not Accessible	50%							D
Surface								
Topsoil	25%	Now	\$4,600	2022	\$7,700	5	\$300	В
	Erosion, Extent : Moderate, Area Affected : 20%							
	Location :	: Above Rev	etment Througho					
Topsoil	50%			2023	\$15,400	5	\$1,200	В
Topsoil	25%	Now	\$4,600	2022	\$7,700	5	\$300	В
	Erosion, Extent : Severe, Area Affected : 100% Location : 150ft Near South End							
	Location :	· 150ft Near	South End					

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$174,100	
Total	\$174,100	
Priority C	\$174,100	
Total	\$174,100	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$11,100			
Total	\$11,100			
Priority B Priority C	\$11,100			
Total	\$11,100			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT - RIPRAP BULKHEAD

Bulkheads	Current Repa	air F	uture Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)		ear Estimated Cos FY	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Revetment						
Stone	65% 4+	,	IFE * *	* 5	\$800	C
	Erosion, Extent : Modero Location : Throughout	ite, Area Affected :	100%			
	Other Observation, Exter Location : Throughout	nt : Moderate, Area	Affected : 100%			
	Explanation : Non-engi 50 Percent Quarry Stor		Placement/ Protection	on, 50 Perc	eent Conc Debris,	
Stone	35% Now	\$60,900 L	IFE * ;	* 5	\$400	С
	Erosion, Extent : Severe, Location : At 206th St F Desired Slope			e Protectio	on, Steeper Than	
Backfill						
Fill						_
Topsoil	40% Now Other Observation, Exter Location: Mid-asset A	nt : Severe, Area A <u>f</u> nd At Southern End	Of Asset			В
37	Explanation: Erosion A	Above Keveimeni A	na Onaer Opiana Coi	icreie Siai	,	
Not Accessible	60%					D
Surface Topsoil	15% Now Erosion, Extent : Modera	T-,	022 \$1,900	) 5	\$100	В
	Location : At Southern		100/0			
Topsoil	10%		022 \$1,300	) 5	\$100	В
Not Accessible	75%	20	J22 \$1,300	, ,	\$100	D

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 # : DBSR057.000 / 13799 Yr Built/Renovated :

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$174,100	
Total	\$174,100	
Priority C	\$174,100	
Total	\$174,100	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$23,000			
Total	\$23,000			
Priority B Priority C	\$22,900			
Total	\$23,000			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### 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 **	5-10 \$100	C
	Recent Replace Evident, Extent : Light, A Location : New Concrete Curb At South	00		
No Component	75%			D
Revetment				
Stone	100% Now \$174,100	LIFE **	5 \$1,200	C
	Other Observation, Extent : Severe, Area Location : Throughout			
D 1 (71)	Explanation : Non-engineered, Inadequ	uate Placement/ Protection	, Concrete Debris	
Backfill Fill				
Topsoil	20% Now \$10,200 Erosion, Extent : Moderate, Area Affecte Location : Throughout	2064 ** ed:100%		В
	Other Observation, Extent : Moderate, A Location : Throughout	rea Affected : 100%		
	Explanation : Slope Instability			
Not Accessible	80%			D
Surface				
Topsoil	100% 4+ \$12,800  Erosion, Extent : Moderate, Area Affecte  Location : Throughout	2024 \$12,800 ed:30%	5 \$500	В

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 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 :

Linear Ft : 225 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 21-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2185 Lot : 10 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$153,600	
Total	\$153,600	
Priority C	\$153,600	
Total	\$153,600	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$29,200			
Total	\$29,200			
Priority B Priority C	\$29,200			
Total	\$29,200			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT - RIPRAP BULKHEAD

Current Rep	air	Futur	e Replacement	M	aintenance	
% of Fail Date Ea Total (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
100% Now	\$153,600	LIFE	* *	5	\$1,100	C
Other Observation, Exte	nt : Severe, Ared	a Affecte	d: 100%			
Location: Throughout						
Explanation : Non-eng	ineered, Inadeq	uate Pla	cement/ Protection	, Concre	ete Debris	
40% 4+	\$18,000	2064	* *			В
Erosion, Extent : Severe, Area Affected : 100%						
Location: Throughout						
Other Observation, Extent : Severe, Area Affected : 100%						
Location : Throughout						
Explanation : Slope Ex	posure And Inst	ability				
60%						D
55% Now	\$6,200	2024	\$6,200	5	\$200	В
Erosion, Extent : Severe	Area Affected :	100%	. ,			
Location: Throughout	55					
${45\%}$	\$5,100	2024	\$5 100	5	\$200	В
			ψ3,100	3	Ψ200	D
. 0 .	00	,0,0				
	100% Now Other Observation, Exte. Location: Throughout Explanation: Non-eng  40% 4+ Erosion, Extent: Severe, Location: Throughout Other Observation, Exte. Location: Throughout Explanation: Slope Ex 60%  55% Now Erosion, Extent: Severe, Location: Throughout 45% 4+ Erosion, Extent: Light, A	Total (Years)  100% Now \$153,600 Other Observation, Extent: Severe, Area Location: Throughout Explanation: Non-engineered, Inadeq  40% 4+ \$18,000 Erosion, Extent: Severe, Area Affected: Location: Throughout Other Observation, Extent: Severe, Area Location: Throughout Explanation: Slope Exposure And Inst 60%  55% Now \$6,200 Erosion, Extent: Severe, Area Affected: Location: Throughout  45% 4+ \$5,100 Erosion, Extent: Light, Area Affected:	% of Fail Date Estimated Cost Total (Years)  100% Now \$153,600 LIFE Other Observation, Extent: Severe, Area Affecte Location: Throughout Explanation: Non-engineered, Inadequate Planation: Non-engineered, Inadequate Planation: Throughout Severe, Area Affected: 100% Location: Throughout Other Observation, Extent: Severe, Area Affected Location: Throughout Explanation: Slope Exposure And Instability 60%  55% Now \$6,200 2024 Erosion, Extent: Severe, Area Affected: 100% Location: Throughout  45% 4+ \$5,100 2024 Erosion, Extent: Light, Area Affected: 30%	% of Fail Date Estimated Cost Total (Years)  100% Now \$153,600 LIFE **  Other Observation, Extent: Severe, Area Affected: 100%  Location: Throughout  Explanation: Non-engineered, Inadequate Placement/ Protection  40% 4+ \$18,000 2064 **  Erosion, Extent: Severe, Area Affected: 100%  Location: Throughout  Other Observation, Extent: Severe, Area Affected: 100%  Location: Throughout  Explanation: Slope Exposure And Instability  60%  55% Now \$6,200 2024 \$6,200  Erosion, Extent: Severe, Area Affected: 100%  Location: Throughout  45% 4+ \$5,100 2024 \$5,100  Erosion, Extent: Light, Area Affected: 30%	% of Fail Date Estimated Cost Total (Years)  100% Now \$153,600 LIFE ** 5  Other Observation, Extent: Severe, Area Affected: 100%  Location: Throughout  Explanation: Non-engineered, Inadequate Placement/ Protection, Concreted  40% 4+ \$18,000 2064 **  Erosion, Extent: Severe, Area Affected: 100%  Location: Throughout  Other Observation, Extent: Severe, Area Affected: 100%  Location: Throughout  Explanation: Slope Exposure And Instability  60%  55% Now \$6,200 2024 \$6,200 5  Erosion, Extent: Severe, Area Affected: 100%  Location: Throughout  45% 4+ \$5,100 2024 \$5,100 5	Wo of Total   Cycle (Years)   Fy   Estimated Cost   Cycle (Yrs)

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads		\$45,800
Total		\$45,800
Priority B		\$45,800
Total		\$45,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$20,900			\$1,600
Total	\$20,900			\$1,600
Priority B	\$7,700			\$1,600
Priority C	\$13,100			
Total	\$20,900			\$1,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT - RIPRAP NO END OVER LAPS GRAVITY WALL

Bulkheads	Current Repair	Future Replacement		Maintenance			
system Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	Estimated Cost	Priority Code	
tructural							
Revetment							
Stone	80%	LIFE	* *	5	\$9,000	C	
Stone	15%	LIFE	* *	5	\$1,700	C	
	Settlement, Extent : Light, Area Affected Location : From 160 ft To340 ft From S End		tfalls, And At 1180	ft To 121:	5 Ft At North		
Stone	5% 4+ \$7,800	LIFE	* *	5	\$300	С	
	Other Observation, Extent: Moderate, A Location: Inshore Of Outfalls 400 ft A From South. Sliding Of Revetment At Explanation: Sliding/ Erosion With In	nd 800 ft 430 Ft A	From South Sinkh nd 850 Ft From Sc		72 Ft And 590 Ft		
ackfill							
Fill							
Topsoil	5% Now \$6,900	2064	* *			В	
	Other Observation, Extent : Severe, Area Affected : 100%						
	Location: Erosion Of Fill Inshore Of	Outfalls					
	Explanation: Erosion						
Not Accessible	95%					D	
Surface							
Topsoil	75%	2023	\$43,000	5	\$3,300	В	
	Other Observation, Extent : Light, Area	Affected	! : 100%				
	T 1 7771 1						
	Location : Throughout						
	Location : Throughout  Explanation : Heavy Vegetation						
Topsoil	<u> </u>	2024	\$2,900	5	\$100	В	
Topsoil	Explanation : Heavy Vegetation		\$2,900	5	\$100	В	
Topsoil	Explanation : Heavy Vegetation 5% Now \$900		\$2,900	5	\$100	В	

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$56,200	
Total	\$56,200	
Priority C	\$56,200	
Total	\$56,200	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$13,800			
Total	\$13,800			
Priority B Priority C	\$13,800			
Total	\$13,800			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Revetment								
Stone	65%			LIFE	* *	5	\$700	C
Stone	35%	Now	\$56,200	LIFE	* *	5	\$400	C
	Erosion, E	xtent : Sev	ere, Area Affected .	: 100%				
	Location	: Revetme	nt Failure At 0+80	To 1+20	O And 1+50 To We.	st End		
Backfill								
Fill								
Topsoil	20%	Now	\$9,400	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 We.	st End		
Not Accessible	80%							D
Surface								
Topsoil	65%			2020	\$7,600	5	\$600	В
Topsoil	35%	Now	\$4,100	2022	\$4,100	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 We	st End		

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$218,500	
Total	\$218,500	
Priority C	\$218,500	
Total	\$218,500	

Total	\$24,000	\$400		
Priority B Priority C	\$24,000	\$400		
Total	\$24,000	\$400		
Bulkheads	\$24,000	\$400		
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018



### DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT #2

Bulkheads		Current Rep	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Revetment								
Stone	100%	4+	\$218,500	LIFE	* *	5	\$1,600	C
	Other Obse	ervation, Exte	ent : Severe, Are	a Affecte	d: 100%			
	Location	: Throughout	<u>.</u>					
	Explanati	ion : Insuffici	ent Armor					
Backfill								
Fill								
Topsoil	30%	Now	\$19,200	2062	* *			В
	Erosion, Ex	xtent : Moder	ate, Area Affect	ed : 100%	6			
	Location	: Throughout	t Inshore Of Rev	etment				
Not Accessible	70%							D
Surface								
Topsoil	70%			2021	\$11,200	5	\$900	В
Topsoil	30%	Now	\$4,800	2022	\$4,800	5	\$200	В
	Erosion, Ex	xtent : Moder	ate, Area Affect	ed : 100%	6			
	Location	: Inshore Of	Revetment					

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads		\$87,000
Total		\$87,000
Priority B		\$87,000
Total		\$87,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads		\$3,300		
Total		\$3,300		
Priority B Priority C		\$3,300		
Total		\$3,300		



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### 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 Estim Total (Years)	ated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Revetment						
Stone	100%	LIFE	* *	5	\$8,500	C
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Topsoil	100%	2021	\$87,000	5	\$6,700	В
-	Erosion, Extent : Light, Area	Affected : 5%				
	Location: Throughout, Abo	ove Revetment				

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$81,300	\$812,900
Total	\$81,300	\$812,900
Priority B	\$81,300	\$812,900
Total	\$81,300	\$812,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$25,900			\$3,200
Total	\$25,900			\$3,200
Priority A	\$2,300			
Priority B	\$19,200			\$3,200
Priority C	\$4,500			
Total	\$25,900			\$3,200



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT AT BKLYN ARMY TERMINAL

Bulkheads	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural	•	<u>'</u>				•
Revetment						
Stone	100%	LIFE	**	5	\$9,000	С
	Other Observation, Extent : Light, Are	ea Affected	: 10%			
	Location : Throughout Explanation : Displaced Stone. Isola	tad I agati	on With Exposed I	Eilton Eal	vni a	
Sheet Piles	Explanation : Displacea Sione. Isola	iea Locan	on wun Exposea r	mer rai	ric	
Steel	2%	LIFE	* *	10		A
Not Accessible	98%	Dir E		10		D
Pile Caps	3.273					
Concrete	100%	LIFE	* *	5	\$4,500	A
	Cracking, Extent : Light, Area Affected	d: 5%				
	Location: Isolated Throughout					
	Spalling, Extent : Light, Area Affected	: 5%				
	Location : Isolated Throughout					
Backfill						
Fill	1000/					Ъ
Not Accessible	100% Other Observation, Extent : Light, Are	a Affected	. 0%			D
	Location :	и Ајјестеи	. 070			
	Explanation : Sheet Bulkhead Adjace	ent Inland	Of Revetment			
Surface	Ziip inimien v Sheer Ziiniireaa Tagaee		oj rieveimeni			
Asphalt	75%	2033	* *	5	\$6,400	В
•	Settlement, Extent : Light, Area Affecte	ed : 100%				
	Location: Typical Throughout					
	Worn, Extent : Light, Area Affected : I	100%				
	Location: Typical Throughout					
Asphalt	25% 2-4 \$19,200	2039	* *	5	\$1,100	В
	Settlement, Extent : Severe, Area Affec	ted : 10%				
	Location: Northern End 30 Ft Long					
	Other Observation, Extent : Light, Are		: 100%			
	Location: Throughout, Behind Bulkl	head Line				
Dook Floments	Explanation : Settlement					
Deck Elements Railing						
Steel	100% 2-4 \$81,300	2023	\$812,900			В
5.001	Broken, Extent : Light, Area Affected :		ψ31 <b>2</b> ,>00			ב
	Location : 630 Ft From North End					
	Corrosion, Extent : Moderate, Area Af	fected : 25	7%			
	Location: Throughout At Baseplates	3				

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads		\$506,400
Total		\$506,400
Priority B		\$506,400
Total		\$506,400

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$51,600		\$2,700	
Total	\$51,600		\$2,700	
Priority A	\$1,900			
Priority B	\$27,600		\$2,700	
Priority C	\$22,100			
Total	\$51,600		\$2,700	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Gravity Wall								
Concrete	100%			LIFE	* *	5-10	\$3,800	A
Revetment								
Stone	95%			LIFE	* *	5	\$5,300	C
Stone	5%	Now	\$19,500	LIFE	* *	5	\$100	C
	Missing P	art, Extent	: Moderate, Area A	ffected :	5%			
	Undermi From So Other Obs 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	<i>_</i>	<sub>F</sub> .						
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	roughoui	ţ	
Not Accessible	95%			<u> </u>				D
Surface	,,,,							
Asphalt	100%			2037	* *	5	\$5,300	В
Deck Elements							1-7	
Railing								
Steel			\$25,300 Extent : Moderate, A	2022 Area Affe	\$506,400 ected : 100%			В
		: Along T		, , ,				
	Explana	tion : 100 F	Percent Coating Lo	ss And N	Aoderate Corrosion	n		

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : REVETMENT- NICKS SOUTH PARKING BETWEEN NICKS AND YANKEE SKIPPER

Address : FLATBUSH AVE.

Borough : BROOKLYN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DBSR026.061 \, / \, 2668 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$ 

Linear Ft : 370 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 16-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 8470 Lot : 50 BIN :

#### CAPITAL

**Total** 

Priority

**Total** 

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads			\$1,700	
Total			\$1,700	
Priority A Priority B			\$1,700	
Priority C  Total			\$1,700	_



<sup>\*\*</sup> 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 Ro	epair Futu	re Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Coping/Curb						
Concrete	75%	LIFE	* *	5	\$200	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	\$1,800	C
	Erosion, Extent : Ligh	t, Area Affected : 5%				
	Location: Isolated					
Backfill						
Fill						
Not Accessible	100%					D
Surface						
Asphalt	25%	2032	* *	5	\$900	В
	Other Observation, Ex	tent : Moderate, Area Aff	ected : 100%			
	Location: South End	!				
	Explanation: Ungra	ded				
Asphalt	75%	2032	* *	5	\$2,600	В
1	Cracking, Extent: Lig	ht, Area Affected : 5%			. ,	
	Location : Isolated	. 00				

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$75,800	
Total	\$75,800	
Priority C	\$75,800	
Total	\$75,800	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$9,300			
Total	\$9,300			
Priority B	\$4,400			
Priority C	\$4,900			
Total	\$9,300			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT UNDER HIGH-LEVEL DECK ASSET 13821. HARLEM RIVER DRIVE

Bulkheads	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Revetment							
Stone	90%		LIFE	* *	5	\$9,800	C
	Other Observation, I	Extent : Severe, Are	a Affecte	d:2%			
	Location: At DEP	outfall					
	Explanation: Disp	laced Stones					
Stone	10% Now	\$75,800	LIFE	* *	5	\$500	C
	Other Observation, I	Extent : Severe, Are	a Affecte	d: 100%			
	Of Southern Limit	Of Revetment Slope Of Asset Loss/ Erosion/ Inad		5	d 930 ft A	nd 945 ft North	
Backfill							
Fill							
Topsoil	10% Now	\$4,400	2064	* *			В
	Erosion, Extent: Mo	derate, Area Affect	ed : 1009	%			
	Location: Loss Of	Backfill Material A	t Top Of	Revetment Slope			
Not Accessible	90%						D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 # : DBS0026.050 / 2893 Yr Built/Renovated :

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$430,200	
Total	\$430,200	
Priority C	\$430,200	
Total	\$430,200	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$18,900			
Total	\$18,900			
Priority B Priority C	\$18,900			
Total	\$18,900			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### DEPT. OF SMALL BUSINESS SERV. - 801 REVETMENT/GRAVITY WALL

Bulkheads	Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Revetment							
Stone	100% Now	\$430,200	LIFE	* *	5	\$3,100	C
	Other Observation, Ex	tent : Severe, Area	ı Affecte	d : 100%			
	Location : At Back O	f Revetment					
	Explanation : Stone 1	Missing, Bank Ero	sion				
Backfill							
Fill							
Topsoil	100%		2026	* *	10		В
Surface							
Topsoil	100% Now	\$18,900	2023	\$31,500	5	\$1,200	В
	Erosion, Extent : Seven	e, Area Affected :	60%				
	Location: Erosion O	f Bank					

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads		\$318,100
Total		\$318,100
Priority B		\$318,100
Total		\$318,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$15,500			
Total	\$15,500			
Priority A				
Priority B	\$15,500			
Total	\$15,500			



 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### DEPT. OF SMALL BUSINESS SERV. - 801 SCHAEFFER LANDING SHEET PILE BULKHEAD STEEL WITH CONCRETE CAP

Bulkheads		Current Rep	air	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Sheet Piles	500/				* *			
Steel	60%		4.00	LIFE	* *			A
		_	t, Area Affected Mhw Elevation I		ı Zone			
Not Accessible	40%							D
Pile Caps								
Concrete	100%			LIFE	* *	5	\$900	A
	Cracking, I	Extent : Light	, Area Affected .	2%				
	Location	: Isolated Th	roughout					
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt Pavers	20%			2035	* *	5	\$700	В
Concrete	15%			2035	* *	5	\$500	В
Timber	65%			2035	* *	10		В
Fender								
Piles	600/			20.40	* *			ъ
Composite	60%			2048	* *			В
Not Accessible	40%							D
Wales and Chocks	0.50/			2021	* *	4	<b>#22 600</b>	ъ
Timber	95%	NT.	¢7.400	2031	* *	4	\$22,600	В
Timber	5% Minning Ba	Now	\$7,400	2037		4	\$800	В
			evere, Area Affe l Below Access V					
Deck Elements								
Railing								
Steel	100%			2021	\$318,100			В

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$251,300	
Total	\$251,300	
Priority A	\$168,700	
Priority C	\$82,600	
Total	\$251,300	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$3,500			\$3,900
Total	\$3,500			\$3,900
Priority A	\$2,500			
Priority B				\$3,900
Priority C	\$1,000			
Total	\$3,500			\$3,900



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### DEPT. OF SMALL BUSINESS SERV. - 801 SEAWALL BULKHEAD

Bulkheads	Current Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
tructural	•						
Coping/Curb							
Stone	80%	LIFE	* *	5	\$2,000	C	
	Other Observation, Extent : Light, Area	Affected	1: 10%				
	Location : Throughout						
	Explanation: Partial Loss Of Mortar	Bedding	And Joint Seal				
Stone	20% 4+ \$82,600	LIFE	* *	5	\$200	С	
	Other Observation, Extent: Moderate, 1	Area Affe	ected : 10%				
	Location : At Top Of Wall Between St	ations 6+	-50 And 8+40 ( Fr	om South	(h)		
	Explanation: Loss Of Mortar Bedding	3					
Gravity Wall							
Concrete	84%	LIFE	* *	5-10	\$4,900	A	
	Cracking, Extent: Light, Area Affected	: 4%					
	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	oints					
	Other Observation, Extent : Light, Area	Affected	! : 3%				
	Location: Throughout In Upper 15 F						
	Explanation : Efflorescence						
Concrete	2% 4+ \$53,100	LIFE	* *	5	\$100	A	
	Cracking, Extent : Moderate, Area Affe		%		4100		
	Location : Top 15ft Of Wall Between 2						
	Displaced Elements, Extent : Moderate, Area Affected : 100%						
	Location : Displacement Of Wall At J			35			
	Erosion, Extent : Moderate, Area Affect						
	Location: In Upper Wall, Station 2+30 To 2+45 (From South)  Exposed Reinforcement, Extent: Light, Area Affected: 25%						
	Exposed Reinforcement, Extent: Light, Area Affected: 25%  Location: In Upper Wall, Station 2+30 To 2+60 (From South)						
	Spalling, Extent: Moderate, Area Affec						
	Location : At Construction Joints And South)			ons 8+75	And 8+85 (From		
Stone	14% 4+ \$115,600	LIFE	* *	5	\$8,600	A	
	Missing Part, Extent: Moderate, Area		5%		. ,		
	Location: Single Blocks Missing At S			+10 ( Fra	om South)		
	Missing Block Seal, Extent: Moderate,			•	•		
	Location: Throughout In Tidal Zone	33					
Backfill							
Fill							
Not Accessible	100%					D	

<sup>\*\*</sup> 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	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Backfill						
Surface						
Asphalt	94%	2033	* *	5	\$7,800	В
	Cracking, Extent : Light, Area	Affected : 5%				
	Location: Throughout					
	Settlement, Extent : Light, Area	a Affected : 3%				
	Location : Isolated Througho	ut				
Asphalt	1%	2033	* *	5	\$100	В
	Cracking, Extent : Moderate, A	rea Affected : 309	%			
	Location: Station 7+00 To 8	+90				
No Component	5%					D
_	Other Observation, Extent : Li	ght, Area Affected	: 0%			
	Location: Between 0+00 And	d 1+00				
	Explanation : Harlem River I	Orive Is No Comp	onent Area			
Deck Elements						
Parapet						
Concrete	100%	2025	* *			В
	Erosion, Extent: Light, Area Affected: 100%					
	Location: Erosion/Scaling Throughout					
	Other Observation, Extent : Li	ght, Area Affected	: 5%			
	Location: Above Coping Isol	ated Throughout				
	Explanation : Deteriorated M	lortar Bedding				

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$480,700	\$2,322,900
Total	\$480,700	\$2,322,900
Priority A Priority B	\$480,700	\$52,100 \$2,270,800
Total	\$480,700	\$2,322,900

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$3,000	\$900	\$7,300	
Total	\$3,000	\$900	\$7,300	
Priority A	\$1,500			
Priority B	\$1,500	\$900	\$7,300	
Total	\$3,000	\$900	\$7,300	



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 SEAWALL & RELIEVING PLATFORM

Bulkheads	Curren	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Relieving Platform Top							
Concrete/Stone	25% 4+	\$289,600	LIFE	* *			A
		evere, Area Affected	: 10%				
		Bottom Of Concrete					
	-	nent, Extent : Severe	, Area A <u>f</u>	fected : 10%			
	_	Bottom Of Concrete					
	-	it : Severe, Area Affe					
	Location : At Stat	ions 1+52 And 2+84	From So	outh			
Concrete/Stone	20%		LIFE	* *			A
	_	Moderate, Area Affe		%			
	Location : Throug	ghout Under Platfori	n				
		g, Extent : Moderate	-	fected : 25%			
	Location : Throug	ghout Under Platfori	n				
No Component	50%						D
Not Accessible	5%						D
Gravity Wall							
Concrete	12%		LIFE	* *	5	\$1,200	A
Concrete	2% 4+	\$90,100	LIFE	* *	5	\$200	A
		loderate, Area Affect	ed : 10%				
	Location: 18+99	To 19+90					
Concrete	1% Now	\$45,000	LIFE	* *	5	\$100	A
	Spalling, Extent : S	evere, Area Affected	: 25%				
	Location : At Stat	ion 19+41 From Soi	ıth				
Stone	24%		LIFE	* *	5	\$50,000	A
Stone	1% 4+	\$56,000	LIFE	* *	5	\$2,100	A
	Displaced Element.	s, Extent : Moderate,	Area Aff	fected : 25%			
	Location : At Stat	ion 14+92 From Soi	ıth				
No Component	50%						D
Not Accessible	10%						D
Pile Caps							
Concrete	2% 4+	\$1,500	LIFE	* *	5	\$100	A
	Erosion, Extent : M	oderate, Area Affect	ed : 50%				
		Platform Face Above					
No Component	50%						D
Not Accessible	48%						D
Backfill							
Fill							
Not Accessible	100%						D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### DEPT. OF SMALL BUSINESS SERV. - 801 SEAWALL & RELIEVING PLATFORM

Bulkheads	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Backfill						
Surface						
Asphalt	15%	2032	* *	5	\$4,200	В
	Settlement, Extent : Light, Area Affe Location : Throughout	cted : 5%				
Asphalt Pavers	17%	2032	* *	5	\$4,800	В
Brick Pavers	27%	2039	* *	5	\$7,600	В
Concrete	20%	2032	* *	5	\$5,600	В
	Other Observation, Extent : Light, A Location : Behind Gravity Wall Explanation : Fdr Drive Surface	rea Affected	: 100%			
Stone	4%	2032	* *	10		В
Topsoil	16%	2021	\$24,100	5	\$1,800	В
-	Other Observation, Extent: Light, A Location: 16+00 And 19+23 Resp Explanation: Displaced Manhole	pectively		khole		
Topsoil	1% Now \$1,50	00 2023	\$1,500	5	\$100	В
	Settlement, Extent : Severe, Area Afj Location : At Station 19+41		7-,		7-00	
Deck Elements						
Railing						
Guard Rail	15%	LIFE	* *			В
Steel	85%	2022	\$2,270,800			В
	Other Observation, Extent : Light, A		: 10%			
	Location : Railing Along Fdr Driv	e				
	Explanation: Corrosion					

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$46,600	
Total	\$46,600	
Priority A	\$46,600	
Total	\$46,600	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$24,400			\$1,500
Total	\$24,400			\$1,500
Priority A	\$22,000			
Priority B	\$2,000			\$1,500
Priority C	\$500			
Total	\$24,400			\$1,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 SEAWALL WITH STONE FACING BULKHEAD

Bulkheads	Current Repair	Future Replace	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimate FY	ed Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Coping/Curb						
Stone	100%	LIFE	* *	5	\$900	C
	Other Observation, Extent : Light, A	rea Affected : 10%				
	Location: Throughout	D 11:				
Caralla Wall	Explanation : Partial Loss Of Mort	ar Bedding				
Gravity Wall Stone	95%	LIFE	* *	5	\$44,000	A
Stone	5% 4+ \$46.60		* *	5 5	\$1,200	A
Stolle	Displaced Elements, Extent: Severe, Location: Station 0+60			3	\$1,200	Α
	Missing Part, Extent : Severe, Area A	00				
	Location: Stations 2+40, 2+65, Ar		:)			
	Missing Block Seal, Extent: Severe, A					
	Location : In Tidal Zone Station 0+	-50 To 3+24				
Backfill						
Fill	00/ 37	0 2054	* *	_		
Sand	2% Now \$1,40		* *	5		В
	Other Observation, Extent: Light, And Location: Stations 0+38, 1+44, 1+	55	<i>(th</i> )			
	Explanation : Small Sinkholes	-00, 2+72 ( From 50u	un)			
Not Accessible	98%					D
Surface	9870					D
Asphalt	98%	2033	* *	5	\$3,100	В
Asphan	Cracking, Extent : Light, Area Affect Location : Throughout			3	ψ3,100	Б
Asphalt	2% Now \$60	0 2039	* *	5		В
1	Settlement, Extent : Light, Area Affect	rted : 40%				
	Location : Along Back Of Wall Stat	tion 1+75 To 1+90				
	Other Observation, Extent : Moderat	e, Area Affected : 100	0%			
	Location: Stations 0+38, 1+44, 1+	-88, 2+72				
	Explanation: Small Sinkholes					
Deck Elements						
Parapet						
Concrete	100%	2025	* *			В
	Other Observation, Extent : Light, An					
	Location : Atop Coping Throughou					
	Explanation : Deteriorated Mortar	Bedding				

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$643,600	\$6,125,500
Total	\$643,600	\$6,125,500
Priority A		\$48,600
Priority B	\$643,600	\$6,076,900
Total	\$643,600	\$6,125,500

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$29,900	\$31,400		
Total	\$29,900	\$31,400		
Priority A				
Priority B	\$29,900	\$31,400		
Total	\$29,900	\$31,400		



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 SHEEPSHEAD BAY MARINA BULKHEAD

Asset #: 13482

Bulkheads	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estin FY	nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Sheet Piles						
Steel	30%	LIFE	* *			A
	Corrosion, Extent : Light, Area Affec					
	Location : At Sheet Pile Interlocks	-	-	Вау		
	Other Observation, Extent: Light, A		6			
	Location: Above Mlw Throughout					
	Explanation: Worn					
Not Accessible	70%					D
Wales						
Steel	30%	LIFE	* *	5	\$48,600	Α
	Corrosion, Extent : Light, Area Affect		53 FF 04 0	,		
	Location: Station 47+60 To 49+3	O And Station 71+5	53 To 84+0.	<i>I</i>		
No Component	70%					D
Pile Caps						
Concrete	100%	LIFE	* *	5	\$20,700	Α
	Cracking, Extent : Light, Area Affect	ted : 5%				
	Location: Isolated Throughout					
	Recent Replace Evident, Extent: Light, Area Affected: 55%					
	Location: South Side Of Sheepshee	-				
	Spalling, Extent : Light, Area Affecte					
	Location : Isolated Throughout No	rth Side Of Bay				
Backfill						
Fill	1000/					
Not Accessible	100%					D
Surface				_	<b>*=</b> 000	_
Concrete	20% 4+ \$563,10		* *	5	\$7,800	В
	Cracking, Extent : Light, Area Affected : 25% Location : Station 20+00 To Station 47+25 From Northeast					
			rtheast			
	Settlement, Extent: Light, Area Affect			11 - 1	A	
	Location: Station 31+57 To Statio					
Concrete	80%	2036	* *	5	\$62,800	В

Deck Elements

<sup>\*\*</sup> 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 C Total (Years)	ost Year FY	<b>Estimated Cost</b>	Cycle Estimated Cost (Yrs)	Priority Code
Deck Elements					
Railing					
Concrete	18%	2024	\$344,900		В
Concrete	2% 4+ \$23,0	00 2024	\$38,300		В
	Other Observation, Extent : Light, A	Area Affected	: 10%		
	Location : Isolated Throughout				
	Explanation: Spalling				
Concrete	5% 2-4 \$57,5	00 2024	\$95,800		В
	Other Observation, Extent: Modera	ate, Area Affe	cted : 10%		
	Location: Isolated Throughout				
	Explanation: Spalling				
Steel	73%	2021	\$5,448,500		В
	Other Observation, Extent : Light, A	Area Affected			
	Location : Isolated Throughout				
	Explanation: Corrosion And Pair	ıt Loss			
Steel	2% 4+ \$29,9	00 2021	\$149,300		В
	Other Observation, Extent : Severe,	Area Affecte	d: 50%		
	Location: Isolated Throughout	-			
	Explanation : Impact Damage				

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$81,700	
Total	\$81,700	
Priority B	\$81,700	
Total	\$81,700	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads		\$800	\$700	
Total		\$800	\$700	
Priority B Priority C		\$800	\$700	
Total		\$800	\$700	



 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 SHEET PILE BULKHEAD AT 22ND ST. GOWANUS BAY

Bulkheads	С	Surrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		nil Date Estimated Cost Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Coping/Curb							
Timber	45%		LIFE	* *	5	\$100	C
No Component	55%						D
Sheet Piles							
Steel	40%		LIFE	* *			A
	Corrosion, E.	xtent : Moderate, Area Affe	cted : 30	0%			
	Location : A	Above The Mlw Elevation T	hrougho	ut			
Not Accessible	60%						D
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt	55%		2036	* *	5	\$1,700	В
Concrete	45%		2032	* *	5	\$1,400	В
Fender							
Wales and Chocks							
Timber	100% I	Now \$81,700	2038	* *	4	\$14,600	В
	Missing Part,	, Extent : Severe, Area Affe	cted : 90	%			
	Location : T	Throughout					
Deck Elements							
Railing							
Fencing	55%		2024	\$9,100	3	\$100	В
No Component	45%						D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$794,400	
Total	\$794,400	
Priority A	\$745,200	
Priority B	\$49,300	
Total	\$794,400	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$40,500		\$100	
Total	\$40,500		\$100	
Priority A	\$8,000			
Priority B	\$2,200		\$100	
Priority C	\$30,300			
Total	\$40,500		\$100	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### DEPT. OF SMALL BUSINESS SERV. - 801 SHEETPILE BULKHEAD BEHIND ASSET 13803

Bulkheads	Current Repair	Future Replacemen	t N	/laintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Co	Ost Cycle (Yrs)	Estimated Cost	Priority Code
Structural		•	•		•
Coping/Curb					
Timber	10% Now \$2,600 Rotting/Splitting, Extent : Severe, Area Location : Station 2+27 To 2+50	LIFE	** 5		С
Timber	30% 4+ \$7,700 Rotting/Splitting, Extent: Moderate, A Location: Station 1+55 To 2+27 ( A	Area Affected : 50%	** 5		С
No Component	60%				D
Revetment					
Stone	20% 4+ \$20,100 Other Observation, Extent: Moderate Location: Station 0+00 To 0+46 ( I Explanation: Inadequate Protection	, Area Affected : 100% From North)	** 5	\$200	С
No Component	80%				D
Sheet Piles					
Steel	55% 4+ \$745,200 Corrosion, Extent : Moderate, Area A, Location : In Tidal Zone And Splash Other Observation, Extent : Severe, A Location : In Tidal Zone Under Pier Explanation : Corrosion Holes	ffected : 50% Zone rea Affected : 10%	< *		A
No Component	20%  Other Observation, Extent: Light, Are Location: Station 0+00 To 0+46  Explanation: Revetment	ea Affected : 0%			D
Not Accessible	25%				D
Wales					
Steel	20% Now \$8,000 Corrosion, Extent : Severe, Area Affec Location : Throughout Exposed Len	eted : 100%	** 5	\$900	A
Not Accessible	80%				D
Backfill Fill					
Topsoil	15% Now \$2,200 Other Observation, Extent: Severe, A. Location: Sinkhole 1+79 To 2+15 A Explanation: Sinkhole/Fill Loss	rea Affected : 100%	* * 1 North)		В
Not Accessible	85%				D
110111000001010	0570				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 SHEETPILE BULKHEAD BEHIND ASSET 13803

Bulkheads	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Backfill							_
Surface							
Concrete	55% 4+	\$45,200	2039	* *	5	\$600	В
	Broken, Extent: Mod	derate, Area Affecte	ed : 100%	ó			
	Location : Settleme	ent/Broken Through	hout				
	Cracking, Extent: M	loderate, Area Affed	cted : 25%	6			
	Location : Through	iout					
Concrete	5% Now	\$4,100	2039	* *	5	\$100	В
	Broken, Extent : Mod	derate, Area Affecte	ed : 100%	ó			
	Location: Broken/	Displaced At In No	orthern 40	6 Ft Of Asset			
Topsoil	20%		2022	\$2,500	5	\$200	В
Not Accessible	20%						D
	Other Observation, Extent : Light, Area Affected : 0%						
	Location:	_					
	Explanation : Heav	vy Vegetation					

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : SOUTH BROOKLYN MARINE TERMINAL 30TH ST. PIER

Address : 30TH STREET

Borough : BROOKLYN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \quad DBS 0013.108 \, / \, 4080 \qquad \qquad Yr \, Built / Renovated \quad : \quad$ 

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$997,700	\$68,100
Total	\$997,700	\$68,100
Priority B Priority C	\$68,100 \$929,600	\$68,100
Total	\$997,700	\$68,100

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads				
Total				
Priority B				
Priority C				

**Total** 



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL 30TH ST. PIER

Bulkheads	Currer	nt Repair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Da Total (Year	te Estimated Cost	Year Est FY	timated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Revetment							
Stone	12% 0-2	\$202,800	LIFE	* *	5	\$1,500	C
	Missing Part, Exte Location: West	nt : Severe, Area Affe Face Of Asset	ected : 100%				
Stone	43% 2-4	\$726,800	LIFE	* *	5	\$5,200	C
	Missing Part, Exte Location: North	nt : Moderate, Area A Face Of Asset	Affected : 75%	6			
<b>Under Construction</b>	45%						D
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Topsoil	55% 4+	\$68,100	2023	\$68,100	5	\$2,600	В
_	Erosion, Extent : I	Moderate, Area Affect	ed : 100%				
	Location : Above	Revetment, Along No	orth And Wesi	t Face Of Asse	t		
<b>Under Construction</b>	45%						D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$15,056,900	\$465,300
Total	\$15,056,900	\$465,300
Priority A	\$14,579,600	
Priority B	\$375,400	\$465,300
Priority C	\$101,900	
Total	\$15,056,900	\$465,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$13,200	\$1,500	\$8,200	
Total	\$13,200	\$1,500	\$8,200	
Priority A				
Priority B	\$13,200	\$1,500	\$8,200	
Priority C				
Total	\$13,200	\$1,500	\$8,200	



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL 39 ST BULKHEAD

ulkheads	Current Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
ructural						
Coping/Curb						
Concrete	75%	LIFE	* *	5	\$1,800	C
	Cracking, Extent : Light, Area Affected					
	Location: Throughout N-shed, J-shed			Bulkhea	d	
	Recent Replace Evident, Extent: Light,					
	Location: Bulkhead Replacement At 1	V-shed Ar	nd J-shed On Norti	h Side Oj	f Pier	
Concrete	5% Now \$50,900	LIFE	* *	5	\$100	C
	Broken, Extent : Severe, Area Affected :	80%				
	Location : Isolated At North End Of W	Vest Bulkl	head And At Weste	rn Third	Of South	
	Bulkhead					
Concrete	10% 4+ \$50,900	LIFE	* *	5	\$200	C
	Spalling, Extent : Moderate, Area Affec					
	Location: At North And South Ends C	of West Bi	ulkhead And Throi	ughout 20	Percent Of	
	South Bulkhead					
No Component	10%					D
Gravity Wall				_		
Concrete	10%	LIFE	* *	5	\$1,100	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	\$4,200	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,		ected : 40%			
	Location: At N-shed And J-shed Bulk	heads				
Concrete	35% 4+ \$8,386,200	LIFE	* *	5	\$3,700	A
	Erosion, Extent : Severe, Area Affected	: 20%				
	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 We	st Bulkhead			
	Tilting, Extent: Moderate, Area Affecte	d: 20%				
	Location : South Bulkhead 240 Ft Eas	t Of West	t End			
No Component	15%					D
Revetment						
Stone	10%	LIFE	* *	5	\$1,600	C
	Recent Replace Evident, Extent: Light,		ected : 100%			
	Location : At Inshore Of North Side O					
No Component	90%					D
	7070					

<sup>\*\*</sup> 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 R	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es	stimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code		
Structural								
Sheet Piles	2007	LIDE	* *					
Steel	20%	LIFE				A		
	Recent Replace Evident, Extent : Light, Area Affected : 100%  Location : N-shed And J-shed Bulkheads							
Steel	35% 4+ \$6,193,500	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% Cracking, Extent : Light, Area Affected Location : Throughout N-shed Bulkh Recent Replace Evident, Extent : Light Location : Along N-shed Bulkhead	ead At North	=	5	\$1,200	A		
No Component	85%					D		
Backfill								
Fill						В		
Topsoil	2% Now \$600 2058 **  Other Observation, Extent: Severe, Area Affected: 60%  Location: At Offshore Of J-shed On North Side And Isolated Along West Bulkhead And South Bulkhead  Figure 15 of the sect of the sect of the sect of the section of the sec							
Not Accessible	Explanation : Settlement/fill Loss 98%					D		
Surface	98%					ע		
Asphalt	55%	2032	* *	5	\$16,400	В		
	Broken, Extent : Severe, Area Affected Location : Offshore End Of J-shed			3	Ψ10,100	Б		
Concrete	10%	2036	* *	5	\$3,000	В		
	Cracking, Extent: Light, Area Affected: 2%  Location: Isolated Throughout West Bulkhead And South Bulkhead							
Concrete	35% 4+ \$375,400 Cracking, Extent: Moderate, Area Aff Location: Isolated Along West Bulkl Settlement, Extent: Moderate, Area Aj Location: Isolated Along West Bulkl	ected : 50% head And Sout ffected : 100%	ó	5	\$5,200	В		

Fender

<sup>\*\*</sup> 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 Repai	r Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Fender							
Buffer							
Pneumatic Fenders	54%	2021	\$339,500			В	
	Corrosion, Extent : Severe, Area Affected : 10%						
	Location : Lower Hardw	are Connections South	ı 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	\$62,900			В	
	Recent Replace Evident, Extent: N/A, Area Affected: 100%						
	Location: J-shed Bulkhe	ad					
Pneumatic Fenders	10% 4+	\$12,600 2022	\$62,900			В	
	Loose Connections, Extent	: Severe, Area Affecte	ed: 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: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$263,100	
Total	\$263,100	
Priority A	\$203,000	
Priority B	\$60,100	
Total	\$263,100	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$70,400	\$2,000	\$5,300	
Total	\$70,400	\$2,000	\$5,300	
Priority A		\$2,000		
Priority B	\$70,400		\$5,300	
Priority C				
Total	\$70,400	\$2,000	\$5,300	



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL BULKHEADS

Asset #: 1736

Bulkheads	Current	Repair	Future Re	eplacement	Ma	aintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year Est FY	timated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Relieving Platform Top	400/ 4 .	¢127.600	LIEE	* *	_	¢2.000	
Concrete, 10' Water	40% 4+ Corrosion of Reinfor	\$127,600	LIFE		5	\$2,000	Α
	Location: Within T		vere, Area Aj	ijeciea . 2570			
	Other Observation, I		Area Affected	l : 40%			
	Location : At 31st						
	Explanation : Spall	ling	J				
No Component	60%						D
Coping/Curb							
Concrete	15%		LIFE	* *	5	\$200	C
	Other Observation, I		Area Affectea	l : 20%			
	Location : South O						
	Explanation : Unde	ercut					
No Component	85%						D
Gravity Wall	1.007		2021	ate ate	10		
Steel, 20' Water	10%	Surface A	2031	* *	10		A
	Other Observation, I Location : North O						
	Explanation : Corr		н эршэн 20н	ie .			
Stone	15%	Oston	LIFE	* *	5	\$16,800	A
Stone	5% 4+	\$75,400	LIFE	* *	5	\$5,600	A
Stone	Displaced Elements,			ed: 30%	3	Ψ5,000	71
	Location : At 31st 7						
No Component	40%						D
Not Accessible	30%						D
Piles and Bracing							
Timber	2%		2032	* *	4	\$6,000	A
No Component	80%						D
Not Accessible	18%						D
Revetment							
Stone	5%		LIFE	* *	5	\$400	C
No Component	90%						D
Not Accessible	5%						D
Pile Caps No Component	80%						D
Not Accessible	20%						D
Backfill	2070						
Fill							
Topsoil	10% Now	\$32,400	2063	* *			В
-	Other Observation, I		a Affected : 1	100%			
	Location: At 31st						
	Explanation : Sinkl	holes					
Not Accessible	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.

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL BULKHEADS

Bulkheads	Current Repa	ir	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Backfill							
Surface							
Asphalt	20% Now	\$27,100	2038	* *	5	\$1,500	В
	Settlement, Extent : Sever Location : Sinkholes At						
Asphalt	55%		2032	* *	5	\$8,300	В
	Cracking, Extent : Severe Location : Throughout	, Area Affected .	15%				
Concrete	10% 4+	\$10,900	2032	* *	5	\$800	В
	Cracking, Extent: Moder	ate, Area Affecto	ed : 25%	ó			
	Location : At Steel Circ	ular Cells North	Of 39th	Street Pier			
	Spalling, Extent : Modera		d : 40%				
	Location: At 31st To 33	rd Street					
Concrete	15%		2032	* *	5	\$2,300	В
	Cracking, Extent: Light,	Area Affected : .	10%				
	Location : Isolated Thro	pughout					
Fender Buffer							
Rubber	20% 4+	\$60,100	2032	* *	4-5	\$4,500	В
	Loose Connections, Exter	t : Severe, Area	Affected	d : 15%			
	Location: At 31st To 33	erd Street, In Tid	lal Zone				
	Other Observation, Exten	t : Light, Area A	ffected .	90%			
	Location : Throughout						
	Explanation : Hardware	Corrosion					
No Component	80%						D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads		\$59,200
Total		\$59,200
Priority B		\$59,200
Total		\$59,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$18,300	\$2,300	\$4,800	
Total	\$18,300	\$2,300	\$4,800	
Priority B Priority C	\$18,300	\$2,300	\$4,800	
Total	\$18,300	\$2,300	\$4,800	



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL REVETMENT AND STEEL CELLS

Bulkheads	Current Rep	pair	Future	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Coping/Curb							
Concrete	10%	I	LIFE	* *	5	\$200	C
No Component	60%						D
Not Accessible	30%						D
Gravity Wall							
Steel, 20' Water	5%		2028	* *	10		A
	Other Observation, Exte	ent : Moderate, Are	ea Affe	cted : 10%			
	Location: Isolated Ab	ove Mean Low Wa	ter Ele	vation			
	Explanation: Corrosic	on					
No Component	85%						D
Not Accessible	10%						D
Revetment							
Stone	50%	I	LIFE	* *	5	\$7,200	C
No Component	15%						D
Not Accessible	35%						D
Backfill							
Fill							
Topsoil	5% Now	' /	2063	* *			В
	Other Observation, Exte						
	Location : Isolated Th	=	tation .	15+05			
	Explanation : Settleme	ent					
Not Accessible	95%						D
Surface							
Asphalt	35%		2032	* *	5	\$9,700	В
	Cracking, Extent : Light		0%				
	Location : Isolated Th	roughout					
Asphalt	5% Now	\$12,400	2038	* *	5	\$700	В
	Settlement, Extent: Mod	lerate, Area Affecto	ed : 50	%			
	Location: Isolated Th	roughout					
	Other Observation, Exte		-				
	Location : Isolated Ale	ong South Side Of I	Pier Ai	nd Station 15+05			
	Explanation: Sinkhole	es .					
Topsoil	40%	2	2021	\$59,200	5	\$4,500	В
Not Accessible	20%						D

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$33,400		\$1,900	
Total	\$33,400		\$1,900	
Priority A				
Priority B	\$33,400		\$1,900	
Total	\$33,400		\$1,900	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 SOUTH BROOKLYN MARINE TERMINAL SHEET PILE/GRAVITY WALL BULKHEAD

Bulkheads	Current Rep	air Fut	ure Replacement	М	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Gravity Wall						
Concrete	10%	LIFE	E **	5	\$200	A
	Spalling, Extent : Moder Location : Isolated	ate, Area Affected : 15	<b>7%</b>			
Stone	20%	LIFI	**	5	\$9,200	A
	Displaced Elements, Ext Location : Isolated Thr	0 . 55	ted : 10%			
Not Accessible	70%					D
Sheet Piles						
Composite, 5' Water	70%	LIFI	E **			A
No Component	30%					D
Backfill Fill						
Not Accessible	100%					D
Surface						
Concrete	60%	2032	2 **	5	\$3,700	В
	Cracking, Extent: Light,	Area Affected : 5%				
	Location : Isolated Sta	tion 0+00 To 4+80 Fr	om North			
Concrete	15% Now	\$33,400 2038	3 **	5	\$500	В
	Broken, Extent : Modera Location : Station 6+5		%			
Not Accessible	25%					D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$120,900	\$135,000
Total	\$120,900	\$135,000
Priority A	\$120,900	
Priority B		\$135,000
Total	\$120,900	\$135,000

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$100	\$100		
Total	\$100	\$100		
Priority A				
Priority B	\$100	\$100		
Total	\$100	\$100		



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 STEEL BULKHEAD

Bulkheads	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Piles and Bracing						
Steel	60% 4+	\$78,900 LIFE	* *	5	\$11,500	A
	Corrosion, Extent : Modera	ite, Area Affected : 40	0%			
	Location : Splash Zone					
No Component	40%					D
Sheet Piles						
Steel	50% 4+	\$42,000 LIFE	* *			A
	Corrosion, Extent : Modera		)%			
	Location : Splash And Tic					
Steel	45%	LIFE	* *			A
	Corrosion, Extent : Light, A					
	Location : Splash Zone So	outh Of Station 0+90,	East Wall			
Not Accessible	5%					D
Pile Caps						
Concrete	40%	LIFE	* *	5	\$200	A
	Cracking, Extent: Light, A. Location: Throughout	rea 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	\$1,500	5	\$100	В
Not Accessible	30%					D
Deck Elements						
Railing	4.00-4		44.2			_
Steel	100%	2020	\$135,000			В
	Other Observation, Extent	-	: 10%			
	Location: Throughout So					
	Explanation : Coat Loss A	ana Corrosion				

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$6,400	\$300		
Total	\$6,400	\$300		
Priority B	\$5,400	\$300		
Priority C	\$900			
Total	\$6,400	\$300		



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 STEEL SHEET PILE BULKHEAD WITH CONCRETE SEAWALL

Bulkheads	Current Rep	air Fu	ture Rep	acement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Yes		nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Facing							
Concrete	55%	LIF	Έ	* *			C
	Other Observation, Exten	nt : Light, Area Affec	ted : 65%				
	Location : Tidal Zone						
	Explanation: Erosion						
Concrete	15% 2-4	\$900 LIF	Έ	* *			С
	Other Observation, Exter	nt : Moderate, Area A	Affected :	100%			
	Location : Throughout						
	Explanation : Open Spe	alling					
Not Accessible	30%						D
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Concrete	100%	203	31	* *	5	\$500	В
	Cracking, Extent: Light,	Area Affected: 2%					
	Location : Radiating F	rom Face Of New Slo	ab				
Fender							
Wales and Chocks							
Timber	50%	203	31	* *	4	\$1,900	В
Timber	50% Now	\$4,800 203	37	* *	4	\$1,300	В
	Broken, Extent : Modera	te, Area Affected : 50	0%				
	Location : Throughout						

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 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 :

Linear Ft : 240 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 10-Nov-2010 Landmark Status : NONE

Areas Surveyed :

Block : 2134 Lot : 148 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$542,700	
Total	\$542,700	
Priority A	\$451,200	
Priority B	\$91,500	
Total	\$542,700	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$8,800	\$300		\$2,700
Total	\$8,800	\$300		\$2,700
Priority B		\$300		\$2,700
Priority C	\$8,800			
Total	\$8,800	\$300		\$2,700



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## 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	700/ N	X XXXX	<b>#</b>	<b>a</b>	
Timber	70% Now \$8,800 Rotting/Splitting, Extent : Severe, Area Location : Throughout	LIFE ** u Affected : 100%	5 \$100	С	
No Component	30%			D	
Sheet Piles					
Steel	40% 4+ \$53,100 Corrosion, Extent : Moderate, Area Af Location : Throughout	LIFE ** fected : 50%		A	
Steel	30% 2-4 \$398,200 Corrosion, Extent: Severe, Area Affec Location: At Tops Of Sheets And In			A	
Not Accessible	30%	optain Zone		D	
Backfill Backfill	3070			<u> </u>	
Surface					
Concrete	30% Cracking, Extent : Moderate, Area Aff Location : Cracking And Settlement	2031 ** rected : 10%	5 \$700	В	
Not Accessible	70%			D	
Fender					
Piles					
Timber	50% Now \$21,000 Other Observation, Extent: Severe, An Location: Throughout Explanation: Rot	2037 ** rea Affected : 50%	4 \$2,400	В	
Timber	50% 0-2 \$21,000 Other Observation, Extent : Severe, An Location : Throughout	2037 ** rea Affected : 50%	4 \$2,400	В	
W 1 1 C1 1	Explanation : Rot				
Wales and Chocks	500/	2010 040 500	4 05 200	D	
Timber	50% Rotting/Splitting, Extent: Severe, Area Location: Throughout	2018 \$49,500 a Affected : 100%	4 \$5,300	В	
Not Accessible	50%			D	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 # : DBSR054.000 / 13792 Yr Built/Renovated :

Linear Ft : 250 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 19-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2197 Lot : 997 BIN :

Bulkheads \$1,103,500  Total \$1,103,500  Priority A \$1,103,500	
Bulkheads \$1,103,500	
CALITAL 11 2013 - 2010	
CAPITAL FY 2015 - 2018	FY 2019 - 2024

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$140,100			
Total	\$140,100			
Priority A	\$11,600			
Priority B	\$128,500			
Total	\$140,100			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 STEEL SHEETPILE BULKHEAD

Bulkheads	Current F	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Gravity Wall							
Timber Crib w/Stone	20% Now	\$135,800	LIFE	**	4	\$1,200	Α
	Other Observation, E Location: Station 2		00	d: 100%			
	Explanation : Colla		n Nortn				
No Component	80%	рѕец/ Гинеи					D
No Component Piles and Bracing	80%						D
Steel	1% 4+	\$2,200	LIFE	* *	5	\$300	Α
Steel	Corrosion, Extent : L	' /			3	Ψ300	А
	Location : Single Pi	-		et			
No Component	99%	•					D
Sheet Piles	22,12						
Steel	70% Now	\$967,700	LIFE	* *			A
	Other Observation, E	xtent : Severe, Are	a Affected	d : 30%			
	Location: Through						
	Explanation : Dent,	Holes					
No Component	20%						D
Not Accessible	10%						D
Pile Caps	00-1	40.400					
Timber	80% Now	\$9,400	LIFE	* *	4	\$1,300	Α
	Broken, Extent : Seve Location : Through		100%				
N. C.		Эш					
No Component	20%						D
Backfill Fill							
Topsoil	70% Now	\$35,000	2064	* *			В
Торзоп	Sinkhole, Extent : Sev	1 ,					2
	Location : Inshore (						
	Other Observation, E	xtent : Severe, Are	a Affected	d : 100%			
	Location : Inshore (	Of Sheet Pile Bulkh	ead				
	Explanation: Signij	ficant Fill Loss					
Not Accessible	30%						D

#### 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 FY	<b>Estimated Cost</b>	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill						
Surface						
Concrete	20% Now \$16,800	2039	* *	5	\$200	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 Cr	rib			
	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	Surface			
Topsoil	70% Now \$8,800	2024	\$8,800	5	\$300	В
	Settlement, Extent : Severe, Area Affecto			-	700	
	Location : Inshore Of Sheet Pile Bulkl					
	Other Observation, Extent : Severe, Are		l : 100%			
	Location : Inshore Of Sheet Piles Stat			North)		
	Explanation : Sinkholes/ Fill Loss			·		
Fender	1					
Piles						
Timber	80% Now \$35,000	2039	* *	4	\$3,900	В
	Broken, Extent : Severe, Area Affected :	100%				
	Location : Along Sheet Pile Bulkhead					
	Rotting/Splitting, Extent : Severe, Area Affected : 100%					
	Location: Throughout Station 0+00 T	To 2+10 Ai	t Sheet Pile Bulkh	ead		
No Component	20%					D
Wales and Chocks						
Timber	80% Now \$33,000	2039	* *	4	\$8,900	В
	Broken, Extent : Severe, Area Affected :	100%			, - ,-	
	Location: Throughout					
No Component	20%					D

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$1,775,900	
Total	\$1,775,900	
Priority A	\$1,623,300	
Priority B	\$152,600	
Total	\$1,775,900	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$49,000		\$2,900	\$100
Total	\$49,000		\$2,900	\$100
Priority A	\$600		\$2,600	
Priority B	\$25,700		\$200	\$100
Priority C	\$22,700			
Total	\$49,000		\$2,900	\$100



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 TIMBER BULKHEAD PAERDERGAT BASIN

Asset #: 13480

ulkheads	Current Repa	ir Futt	ure Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
ructural						•
Piles and Bracing						
Timber	5%	2033		4	\$5,300	Α
Timber	85% Now	\$801,800 2039		4	\$89,700	A
	Other Observation, Exten	t : Severe, Area Affec	ted : 100%			
	Location: Throughout	1/0 G D				
	Explanation : Failed An	d/ Or Severe Deterior	ration			
No Component	7%					D
Not Accessible	3%					D
Revetment	20/ 1	¢16.200 LIE	7 **			C
Concrete	3% Now Other Observation, Exten	\$16,200 LIFE	۲			C
	Location : Between Sta.					
	Explanation: Minimal T		*			
Concrete	4% 4+	\$6,500 LIFE				С
Concrete	0ther Observation, Exten		2			C
	Location : Along Top O			10+91 T	To 1+70	
	Explanation: Non-engin			101711	01170	
No Component	93%		inic i roiceiton			D
No Component Sheet Piles	9370					D
Timber	5%	LIFE	7 **	4	\$1,000	A
Timber	20% 0-2	\$184,200 LIFE		4	\$2,600	A
Timoer	Rotting/Splitting, Extent:			•	Ψ2,000	7.1
	Location : Typical Thro					
	Other Observation, Exten	=	ted : 100%			
	Location: Typical Thro					
	Explanation : Severely I	Deteriorated / Failed	Above Lower Wale			
Timber	60% Now	\$552,500 LIFE	**	4	\$7,900	Α
	Other Observation, Exten	t : Severe, Area Affec	ted : 100%			
	Location: Throughout					
	Explanation : Collapsed	l/ Failed Above Mlw				
No Component	7%					D
Not Accessible	8%					D
Wales						
Timber	5%	LIFE	* *	4	\$800	A
Timber	40% 0-2	\$48,500 LIFE		4	\$4,200	Α
	Rotting/Splitting, Extent:		d: 100%			
	Location: Typical Thro	ughout Lower Wale				
Timber	30% Now	\$36,400 LIFE		4	\$3,200	A
	Other Observation, Exten					
	Location: At Seaview A		hroughout			
	Explanation : Collapsed	!				
No Component	7%					D
Not Accessible	18%					D

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.

<sup>\*\*</sup> 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)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Backfill								
Fill								
Sand	65%	Now	\$117,400	2054	* *	5	\$400	В
		ervation, E : Through	Extent : Severe, Are out	a Affecte	d : 100%			
	Explanat	ion : Erosi	on And Fill Loss					
Stone	10%	Now	\$21,700	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	\$2,900	2039	* *	5		В
	Other Obs	ervation, E	Extent : Severe, Are	a Affecte	d : 100%			
	Location	: Under C	oncrete Slab At Sta	ı 6+50 (	From West)			
	Explanat	ion : Unde	rmined Slab					
Gravel	15%			2033	* *	2-5	\$300	В
Sand	65%	Now	\$35,200	2039	* *	2-5	\$900	В
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location	: Mid- Ass	ret					
	Explanat	ion : Com	olete Loss Of Backf	ill				
Topsoil	15%			2019	\$6,500	5	\$500	В
Topsoil	2%	Now	\$900	2024	\$900	5		В
•	Erosion, Extent : Severe, Area Affected : 50%							
	Location: Loss Of Soil At Isolated Settlement/ Sinkhole Locations							
		, Extent : S : Through	evere, Area Affecte	ed : 50%				

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$186,100	
Total	\$186,100	
Priority A	\$186,100	
Total	\$186,100	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$16,900	\$100		\$400
Total	\$16,900	\$100		\$400
Priority A	\$16,900			\$400
Priority B		\$100		
Total	\$16,900	\$100		\$400



 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 TIMBER BULKHEAD YANKEE SKIPPER

Bulkheads	Cı	Current Repair		Future Replacement		Maintenance			
System Component Type	7	il Date I Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Structural									
Piles and Bracing									
Timber		4+	\$46,000	2038	* *	4	\$10,300	A	
		_	t : Moderate, Are	ea Affecte	ed : 40%				
	Location : T								
Timber		0-2	\$16,400	2038	* *	4	\$3,700	A	
		-	t : Severe, Area A		50%				
	Location : Is	solated Th	iroughout Bulkhe	ad					
Timber	5%			2038	* *	4	\$700	A	
	Recent Replac	ce Eviden	t, Extent : Light, A	Area Affe	ected : 100%				
	Location : $\Lambda$	lear South	n End Of Bulkhea	d					
Sheet Piles									
Timber, 10' Water		4+	\$123,800	LIFE	* *	4	\$1,100	A	
		_	rea Affected : 10	0%					
	Location : A	bove Mlv	v Elevation						
Timber, 10' Water	40%			LIFE	* *	4	\$700	A	
	Recent Replac	ce Eviden	t, Extent : Light, A	Area Affe	ected : 100%				
	Location : A	bove Mh	w Elevation						
Wales									
Timber		4+	\$12,700	LIFE	* *	4	\$1,100	A	
			t : Light, Area A <u>f</u>	fected : 3	50%				
	Location : T	hroughou	ıt						
Timber	25%	0-2	\$4,200	LIFE	* *	4	\$400	A	
	Rotting/Splitte	ing, Exten	at : Severe, Area A	Affected :	50%				
	Location : L	.ower Wa	le						
Backfill									
Fill									
Not Accessible	100%							D	
Surface									
Gravel	40%			2032	* *	2-5	\$100	В	
Topsoil	40%			2021	\$2,400	5	\$200	В	
Not Accessible	20%							D	

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : TIMBER PILE SUPPORTED 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 # : DBSR095.000 / 13843 Yr Built/Renovated :

Linear Ft : 52 Project Type : ECONOMIC DEVELOPMENT

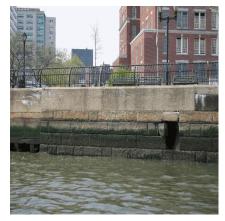
Date of Survey : 02-Mar-2010 Landmark Status : NONE

Areas Surveyed :

Block : 1693 Lot : 30 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$54,200	\$46,200
Total	\$54,200	\$46,200
Priority A	\$54,200	
Priority B		\$46,200
Total	\$54,200	\$46,200

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$7,300			
Total	\$7,300			
Priority A				
Priority B	\$7,300			
Total	\$7,300			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 TIMBER PILE SUPPORTED BULKHEAD

Bulkheads Current Repair		epair	Future Replacement			Maintenance	
System Component Type	% of Fail Date Total (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Gravity Wall							
Conc w/Stone Face	100% 4+	\$54,200	LIFE	* *	5	\$3,800	A
	Cracking, Extent: Lig						
	Location : Above M						
	Missing Block Seal, E			ed : 30%			
	Location: Between	Stones In Tidal Zo	ne				
	Spalling, Extent : Mod	derate, Area Affect	ed : 20%	ó			
	Location: Top Corr	ier Sta 0+49 (from	North)				
Piles and Bracing							
Not Accessible	100%						D
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt Pavers	100% 4+	\$5,000	2030	* *	5	\$200	В
	Settlement, Extent : L	ight, Area Affected	! : 100%				
	Location : Through	out Offset 3ft From	Outboa	rd Bulkhead Face			
	Other Observation, E	xtent : Severe, Are	a Affecte	d:2%			
	Location : Along Se	ttlement Joint					
	Explanation: Broke	n Pavers					
Deck Elements							
Railing							
Steel	100% 4+	\$2,300	2019	\$46,200			В
	Other Observation, E	xtent : Light, Area	Affected	: 15%			
	Location: Isolated	Throughout					
	Explanation: Coati	ng Loss					

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$1,558,700	
Total	\$1,558,700	
Priority A	\$1,452,600	
Priority B	\$106,100	
Total	\$1,558,700	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$26,600			
Total	\$26,600			
Priority A				
Priority B	\$26,600			
Total	\$26,600			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 TIMBER SHEETPILE/RIPRAP BULKHEAD

Bulkheads	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Piles and Bracing								
Timber	100%	Now	\$1,452,600	2037	* *	4	\$65,000	A
	Broken, E.	xtent : Seve	re, Area Affected :	100%				
	Location	: Through	out					
Backfill								
Fill								
Topsoil	100%	Now	\$106,100	2062	* *			В
•	Erosion, E	Extent : Sev	ere, Area Affected .	100%				
	Location	: Through	out					
Surface								
Topsoil	100%	Now	\$26,600	2022	\$26,600	5	\$1,000	В
	Erosion, E	Extent : Sev	ere, Area Affected .	100%				
	Location	: Through	out					

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$223,300	\$982,600
Total	\$223,300	\$982,600
Priority A	\$223,300	
Priority B		\$982,600
Total	\$223,300	\$982,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$31,100			
Total	\$31,100			
Priority A	\$400			
Priority B	\$30,800			
Total	\$31,100			



 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### 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				
Conc w/Stone Face	Displaced Elements, Extent : Severe, Area Location : 1090 Ft From Asset 13532		5 \$4,100	A
	Erosion, Extent : Moderate, Area Affected Location : In Tidal Zone			
	Missing Block Seal, Extent : Moderate, Ai Location : Throughout			
	Spalling, Extent: Moderate, Area Affected Location: Isolated Throughout Concret			
Concrete	Cracking, Extent : Moderate, Area Affecto Location : Throughout Above Mlw		5 \$400	A
	Spalling, Extent: Moderate, Area Affected Location: At Top Of Wall 261 ft,365 ft To To 810 ft From Asset 13532 Other Observation, Extent: Moderate, Ar	o382 ft,398 ft To429 ft,462	ft To465 ft, And 803 ft	
	Location : Throughout Above Mlw Explanation : Efflorescence			
Comprete		LIFE **	5-10 \$700	Α.
Concrete	10%  Cracking, Extent: Light, Area Affected: Location: Cracking With Efflorescence	15%	5-10 \$700	A
Not Accessible	75%			D
Backfill Fill				
Not Accessible	100%			D
Surface				
Asphalt	93% 4+ \$17,200 Cracking, Extent : Severe, Area Affected : Location : Multiple Large Cracks Throw		5 \$4,800	В
Concrete	5% 4+ \$3,700 Cracking, Extent: Light, Area Affected: 2 Location: Adjacent To Asset 13532	2033 **	5 \$300	В
	Spalling, Extent : Moderate, Area Affected Location : Adjacent To Asset 13532	d : 10%		
Not Accessible	2% Other Observation, Extent: Light, Area A Location: Under Pipe Rack Explanation: Concrete Catch Basin	ffected : 0%		D
Deck Elements				
Railing				
Steel		2022 \$884,400		В
Steel	10% Now \$9,800  Loose Connections, Extent: Severe, Area  Location: Broken Railing Connections 9  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.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

Asset Name : WET BERTH 3 BULKHEAD

Address : FORMERLY DRY DOCK 3 BROOKLYN NAVY YARD

Borough : BROOKLYN Agency's Number : 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 Lot : 1 BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Bulkheads	\$1,655,500	
Total	\$1,655,500	
Priority A	\$101,800	
Priority B	\$1,510,300	
Priority C	\$43,300	
Total	\$1,655,500	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$53,100		\$9,100	\$7,100
Total	\$53,100		\$9,100	\$7,100
Priority A	\$1,100			
Priority B	\$50,900		\$9,100	\$7,100
Priority C	\$1,000			
Total	\$53,100		\$9,100	\$7,100



<sup>\*\*</sup> 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

Bulkheads	Current Repai	Current Repair Future Replac		Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural							
Coping/Curb					_	4.00	~
Concrete	20% Now Broken, Extent : Severe, A Location : Throughout	\$43,300 rea Affected : .	LIFE 100%	* *	5	\$300	С
Concrete	78%  Cracking, Extent : Light, A  Location : Throughout	rea Affected :	LIFE 20%	* *	5-10	\$2,000	С
No Component	2%						D
Gravity Wall							
Concrete	1% Now Other Observation, Extent Location : 682 Ft To 727 Explanation : Broken/ In	Ft From Bert			5	\$100	A
Concrete	20% Cracking, Extent: Light, A Location: Throughout Spalling, Extent: Light, Ai Location: Isolated Throi	rea Affected : I		* *	5-10	\$2,200	A
Concrete	4% 4+	\$50,900	LIFE	* *	5	\$200	A
	Cracking, Extent: Modera Location: Isolated Throi Spalling, Extent: Moderat Location: Isolated Throi	ighout e, Area Affecte					
Not Accessible	75% Other Observation, Extent Location: Explanation: Underwate	: Light, Area					D
Backfill							
Fill							
Not Accessible	100%						D
Surface Concrete	5% 4+ Spalling, Extent : Moderat Location : Throughout	\$17,100 e, Area Affecte	2033 ed : 50%	* *	5	\$400	В
Concrete	90% Cracking, Extent: Light, A Location: Throughout Settlement, Extent: Light,			**	5	\$14,300	В
Not Accessible	Location: Throughout  5%  Other Observation, Extent Location:  Explanation: Debris	: Light, Area 1	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.

<sup>\*\*</sup> 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 Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Fender				
Buffer				
Rubber	70%	2027 **	4-5 \$29,100	В
	Other Observation, Extent : Moderate	, Area Affected : 100%		
	Location: North And South Walls			
	Explanation : Insufficient Fendering	(Rubber Tires)		
No Component	30%			D
Deck Elements				
Railing				
Steel	100% Now \$30,200	2017 \$1,510,300		В
	Other Observation, Extent : Moderate	, Area Affected : 100%		
	Location: All Around Berth			
	Explanation: Railing Not Required	At Wet Berth (Dry Dock De-	activated)	

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 # : DBSR025.063 / 4084 Yr Built/Renovated :

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 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$3,600	\$500	\$2,300	
Total	\$3,600	\$500	\$2,300	
Priority A	\$2,700			
Priority B	\$900	\$500	\$2,300	
Total	\$3,600	\$500	\$2,300	



 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

#### DEPT. OF SMALL BUSINESS SERV. - 801 WHARF AND SEAWALL E. 32ND TO E. 34TH STS.

Bulkheads	Current Repair Future Replacement Maintenance			aintenance		
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural						
Relieving Platform Top	20/ 4.	2.000 LIEE	* *			
Concrete/Stone	2% 4+ \$ Broken, Extent : Severe, Area A	2,000 LIFE	* *			Α
	Location : At Top Of Concrete					
	Exposed Reinforcement, Extent		Affected · 10%			
	Location: At Station 3+85	. 1/1000070110, 111700	rijjeerea i 1070			
	Spalling, Extent : Moderate, Ar	ea Affected : 25%	ó			
	Location : At Station 3+85	33				
Concrete/Stone	38%	LIFE	* *			A
	Cracking, Extent : Light, Area A	Affected : 10%				
	Location: Throughout					
	Erosion, Extent : Light, Area Af	fected : 10%				
	Location : Throughout					
Not Accessible	60%					D
Piles and Bracing						
Not Accessible	100%					D
Pile Caps	50/ N.	¢700 LIEE	* *	4	<b>\$200</b>	
Timber	5% Now Rotting/Splitting, Extent: Sever	\$700 LIFE		4	\$200	A
	Location : Along Bulkhead Fa		. 5070			
Not Accessible	95%	ee Tiirougnoui				D
Backfill Backfill	7370					
Fill						
Not Accessible	100%					D
Surface						
Asphalt	2% 2-4	\$900 2038	* *	5		В
	Settlement, Extent : Moderate, A		0%			
	Location : At Station 0+59 Fr	om North				
Asphalt	98%	2032	* *	5	\$4,700	В
	Cracking, Extent : Light, Area A	Affected : 10%				
	Location : Throughout					
	Settlement, Extent : Light, Area	Affected: 10%				
_	Location: Throughout					
Fender						
Piles Timber	10%	2032	* *	4	\$1,500	D
No Component	80%	2032		4	\$1,300	B D
Not Accessible	10%					D
INOLACCESSIBLE	10/0					ע

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Bulkheads	\$483,300	
Total	\$483,300	
Priority A	\$483,300	
Total	\$483,300	

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Bulkheads	\$17,800	\$2,600	\$100	
Total	\$17,800	\$2,600	\$100	
Priority A		\$2,500		
Priority B	\$9,400	\$100	\$100	
Priority C	\$8,400			
Total	\$17,800	\$2,600	\$100	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# 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 Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Structural								
Gravity Wall								
Concrete	50%			LIFE	* *	5	\$300	A
Timber Crib w/Stone	40%	Now	\$371,100	LIFE	* *	4	\$2,000	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	\$7,500	A
	Displaced I	Elements,	Extent: Moderate,	Area Aff	fected : 50%			
	Location	: Through	out, Due To Moven	nent Of E	Backfill Material			
Timber	20%	2-4	\$112,200	2038	* *	4	\$5,000	A
	Displaced I	Elements,	Extent : Moderate,	Area Aff	fected : 50%			
	Location	: Through	out, Due To Moven	nent Of E	Backfill Material			
	Rotting/Spl	itting, Ex	tent : Moderate, Ar	ea Affect	ed : 50%			
	Location	: Through	out					
No Component	60%							D
Revetment								
Stone	50%			LIFE	* *	5	\$500	C
Stone	10%	Now	\$8,400	LIFE	* *	5	\$100	C
	_		: Moderate, Area A Of Gravity Wall	Affected :	50%			
No Component	40%							D
Backfill	.0,0							
Fill								
Stone	15%	Now	\$7,700	LIFE	* *	5		В
	Other Obse	rvation, I	Extent : Severe, Are	a Affecte	d : 100%			
	Location	: Through	nout					
	Explanati	ion : 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			
			st Corner					
Gravel	10%	2-4	\$800	2032	* *	2-5		В
2-2:-2			Moderate, Area Affe		0%	_ 2		_
	Location							
Gravel	35%			2032	* *	2-5	\$200	В
Not Accessible	45%			2032		23	Ψ200	D
NOT ACCESSION	43%							ע

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015	FY 2016	FY 2017	FY 2018
Marinas/Docks	\$1,800	\$100	\$5,800	\$2,300
Total	\$1,800	\$100	\$5,800	\$2,300
Priority A			\$5,700	
Priority B	\$1,800	\$100	\$100	\$2,300
Total	\$1,800	\$100	\$5,800	\$2,300



## DEPT. OF SMALL BUSINESS SERV. - 801 BROOKLYN ARMY TERMINAL PIER 4 FERRY LANDING

Marinas/Docks	Current Repair	Future Replacemen	t Ma	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Co	Ost Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Access Walkways	•				
Gangways					_
Aluminum	100% 0-2 \$1,800 Cracked Welds, Extent: Severe, Area A Location: Top Of Barge-side Gangwa Roller Malfunction, Extent: Severe, Ar Location: Barge-side Of Two Part G Other Observation, Extent: Severe, Ar Location: Shore-side Of Gangway Explanation: Note That Gangway Is	2030 Affected : 25% ay ea Affected : 50% angway (Barge-side And ea Affected : 100%			В
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	20 <del>11</del> d : 10% ng Affected : 50%	** 3-5	\$1,800	A
Steel	1% Now Other Observation, Extent: Severe, Ard Location: On One Of Two Piles Explanation: Pile Guide Rub Pads W	ea Affected : 100%	** 3-5		A
Not Accessible	50%				D
Fenders					
Rubber	100% Worn, Extent : Light, Area Affected : 50 Location : Throughout	2023 9%	1-2		С
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	2037 d : 5% Affected : 50% Hull Above Waterline ent : Moderate, Area Affa	: * 5 ected : 100%	\$10,200	A
Not Accessible	40%				D
Fender Facing					
Timber	90% Other Observation, Extent: Light, Area Location: East Of Barge Along Pier Explanation: Pier Protective Structu	4	00		A

<sup>\*\*</sup> 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	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Fender						
Piles						
Timber	60%	2028	* *			A
	Other Observation, Extent:	Light, Area Affected	! : 100%			
	Location : At East Of Barg	ge Along Pier 4				
	Explanation : Pier Protect	ive Structure				
Not Accessible	40%					D
Wales and Chocks						
Timber	100%	2028	* *			A
	Other Observation, Extent :	Light, Area Affected	! : 100%			
	Location : At East End Of	Barge Along Pier 4				
	Explanation: Pier Protect	ive Structure				

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Marinas/Docks		\$69,300
Total		\$69,300
Priority A		\$69,300
Total		\$69,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Marinas/Docks	\$1,400	\$200	\$1,300	\$1,600
Total	\$1,400	\$200	\$1,300	\$1,600
Priority A				\$1,400
Priority B			\$1,000	
Priority C	\$1,400	\$200	\$300	\$200
Total	\$1,400	\$200	\$1,300	\$1,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 FULTON FERRY LANDING

Marinas/Docks		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Access Walkways	•							•
Gangways								
Aluminum	100%			2044	* *	1-3	\$3,300	В
Floating Docks								
Anchor Piles								
Steel	35%			2044	* *	3-5		A
Not Accessible	65%							D
Fenders								
Rubber	68%			2023	\$2,500	1-2	\$1,600	C
Rubber	30%	2-4	\$1,100	2024	\$1,100	1-2	\$600	C
		ent : Mode : Berthing	rate, Area Affected Face	: 100%				
Rubber	2%	Now	\$100	2024	\$100	1-2		С
	*		re, Area Affected : Fender At Northwes		r Pile			
Barge								
Steel	60%			2033	* *	5	\$2,800	A
			ight, Area Affected he Waterline	: 20%				
		oating, Ext : Above W	ent : Light, Area Aj 'aterline	fected :	5%			
Not Accessible	40%							D
Deck Elements								
Railing								
Steel	100%			2023	\$69,300			A

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Marinas/Docks		\$6,432,600
Total		\$6,432,600
Priority A		\$6,432,600
Total		\$6,432,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
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.

<sup>\*\*</sup> 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 Repai	r Futur	e Replacement	Maintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	<b>Estimated Cost</b>	Cycle Estimated Cost (Yrs)	Priority Code
Access Walkways					
Deck					
Concrete	35%	2031	* *	5	Α
	Cracking, Extent: Light, A				
	Location: Throughout S	•			
	Spalling, Extent: Light, A				
	Location: Throughout S				
Timber	15%	2020		5	A
Not Accessible	50%				D
Piles and Bracing	200/	20.42	* *	4.7	
Timber	20%	2042		4-5	A
	Other Observation, Extent Location : Throughout	: Ligni, Area Ajjeciea	: 100%		
	Explanation : Pile Encas	oment Pengirs			
Not Accessible	80%	етені кершіг			D
	80%				<u>D</u>
Fender Facing					
Composite	99%	2021	\$1,510,300		A
Composite	1% 4+	\$300 2021	\$15,300		A
- Francisco	Other Observation, Extent				
	Location : One Board Lo				
	Explanation: Missing Co	onnection			
Piles					
Timber	50%	2023	\$4,907,000		A
	Other Observation, Extent				
	Location : Throughout F		& 7 Above Mlw E	Elevation	
	Explanation : Weatherin	g			
Not Accessible	50%				D
Gallows Frames					
Tower Frames	<b>5</b> 00/	2024	* *		
Steel	70%	2031			A
	Other Observation, Extent	0			
	Location: Isolated Thro		10 & /		
NT-4 A 11	Explanation: Coating Lo	oss Ana Corrosion			D
Not Accessible	30%				D
Movable Ramps					
Bearings Timber	20%	2031	* *		٨
Not Accessible	80%	2031			A D
THO ACCESSION	0070				<u> </u>

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# DEPT. OF SMALL BUSINESS SERV. - 801 GOVENORS ISLAND FERRY SLIPS 6&7

Marinas/Docks	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estin FY	nated Cost	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Movable Ramps						
Deck and Railing						
Steel	14%	2025	* *			A
	Other Observation, Extent : Light, Area Location : Slip 7 Explanation : Corrosion	Affected: 5%				
Timber	25%	2031	* *			
	Other Observation, Extent : Light, Area Location : Isolated At Top Of Deck Sl Explanation : Wear	Affected: 10%				
Timber	1% Now \$200	2025	* *			A
	Other Observation, Extent : Severe, Are Location : Slip 7 Explanation : Displaced Coverplate	a Affected : 100	9%			
Timber Deck on Steel	25%	2025	* *			A
	Other Observation, Extent : Light, Area					
	Location: Throughout Steel Framing	Stip 6				
	Explanation: Corrosion					
Not Accessible	35%					D

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Marinas/Docks		\$140,600
Total		\$140,600
Priority A		\$140,600
Total		\$140,600

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Marinas/Docks	\$1,400	\$100	\$8,600	\$100
Total	\$1,400	\$100	\$8,600	\$100
Priority A	\$1,300		\$7,200	
Priority B	\$100	\$100	\$1,400	\$100
Total	\$1,400	\$100	\$8,600	\$100



 $<sup>\</sup>label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

# DEPT. OF SMALL BUSINESS SERV. - 801 MARINA @ BERTHS 11 & 12

Asset #: 14726

Marinas/Docks	Current Rep	air Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Ex Total (Years)	stimated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Access Walkways						
Deck						
Steel	100%	2050	* *			A
Gangways						
Aluminum	100%	2050	* *	1-3	\$4,600	В
Piles and Bracing						
Steel	30%	2050	* *	5-10	\$100	A
Not Accessible	70%					D
Floating Docks						
Anchor Piles						
Steel	60%	2050	* *	3-5	\$22,700	A
	Worn, Extent : Light, Ar					
	Location : Isolated Thi	-				
	Other Observation, Exte		d : 75%			
	Location: Top Of Pile					
	Explanation: Missing	Pilecap Tops				
Not Accessible	40%					D
Deck						
Concrete	50%	2037	* *	5		A
Not Accessible	50%					D
Fenders						
Rubber	100%	2023		1-2		C
Launch/Haulout						
Piles and Bracing						
Steel	25%	2050	* *	5-10	\$14,900	A
Not Accessible	75%					D
Runway						
Concrete	100%	2050	* *	5	\$900	A
Deck Elements						
Railing						
Steel	100%	2023	\$103,100			A
Electrical						
Conduit						
PVC	100%	2021	\$6,400			A
Lighting Fixture						
Incandescent	100%	2019	\$6,600			A
Electrical/Mech.						
Power Supply/Bollards						
Steel	100%	2023	\$13,400			A
Mech./Plumbing						
Water Supply						
PVC	100%	2021	\$37,500			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.

 $<sup>{\</sup>it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$ 

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 # : DSB0056.000 / 14200 Yr Built/Renovated :

Area Sq Ft : 760 Project Type : ECONOMIC DEVELOPMENT

Date of Survey : 11-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL	FY 2015 - 2018	FY 2019 - 2024
Marinas/Docks		\$117,300
Total		\$117,300
Priority A		\$117,300
Total		\$117,300

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Marinas/Docks	\$6,800	\$900	\$22,300	\$1,200
Total	\$6,800	\$900	\$22,300	\$1,200
Priority A	\$5,900		\$22,300	\$1,100
Priority B	\$800	\$900		\$100
Priority C	\$100			
Total	\$6,800	\$900	\$22,300	\$1,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

## DEPT. OF SMALL BUSINESS SERV. - 801 PIER 17 - NEW YORK WATER TAXI

Marinas/Docks		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Access Walkways								
Gangways								
Aluminum	95%		4=00	2043	* *	1-3	\$2,900	В
Aluminum	5%	4+	\$700	2053	**	1-3	\$200	В
			Extent : Moderate, A	Area Affe	ected : 50%			
			Connection ware Corrosion					
Floating Docks	Ехріанаі	ion . Hara	ware Corrosion					
Anchor Piles								
Steel	100%	4+	\$5,900	2043	* *	3-5	\$3,500	A
		Extent : M	Ioderate, Area Affe	cted : 40	0%		, ,	
Deck	Locuiton	. Inrougn	Oui					
Steel	40%			2021	\$2,400			A
Steel	Corrosion,	Extent : L : Through	ight, Area Affected out		Ψ2,400			71
No Component	60%							D
Fenders								
Rubber	50%			2021	\$100	1-2	\$100	C
Rubber	50%	4+	\$100	2023	\$100	1-2	\$100	C
			rate, Area Affected e Of Water Taxi Ba					
Barge								
Steel	50%			2032	* *	5	\$1,100	A
		Extent : L : Through	ight, Area Affected out	: 20%				
Not Accessible	50%							D
Deck Elements								
Railing								
Steel		Extent : L	ight, Area Affected out	2021 : 5%	\$117,300			A
Electrical								
Conduit								
Steel	100%			2021	\$5,600			A
Lighting Fixture Sodium	100%			2017	\$21,700			A
Soutuili	100%			2017	φ21,700			А

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 05-Sep-2013 DEPT. OF SMALL BUSINESS SERV. - FY 2014

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 2015 - 2018	FY 2019 - 2024
Marinas/Docks	\$291,400	\$1,204,800
Total	\$291,400	\$1,204,800
Priority A Priority B	\$244,500 \$46,900	\$1,204,800
Total	\$291,400	\$1,204,800

EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Marinas/Docks	\$105,100	\$12,800	\$40,100	\$25,500
Total	\$105,100	\$12,800	\$40,100	\$25,500
Priority A	\$103,900	\$12,600	\$39,900	\$20,900
Priority B	\$1,300	\$200	\$200	\$4,600
Total	\$105,100	\$12,800	\$40,100	\$25,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Marinas/Docks	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Access Walkways Deck							
Concrete	5% 4+ Spalling, Extent : Se Location : At Nort.	\$38,000 vere, Area Affected heastern End Of Wa		* *	5	\$400	A
Concrete	94% Cracking, Extent : L Location : Isolatea Spalling, Extent : Li, Location : Isolatea	l Throughout ght, Area Affected :		* *	5	\$16,000	A
Timber	1%		2020	\$7,000	5	\$200	A
Gangways Aluminum	Other Observation, Location : West Ce	Of Southeast Gang	way a Affecte d East C	d : 100% enter Docks	1-3	\$5,800	В
Aluminum	29% 2-4 Loose Connections,	\$18,900	2052 ea Affecte	* * ed : 100%	1-3	\$3,900	В
Aluminum	28%		2042	* *	1-3	\$4,900	В
Pile Caps Concrete	95% Cracking, Extent : L Location : Isolatea		2042 : 10%	* *	5	\$22,300	A
Concrete	2% 4+ Spalling, Extent : Mo Location : At Easte		2042 ted : 25%	* *	5	\$200	A
Timber	3%		2042	* *	4	\$400	A
Piles and Bracing Timber	5% 4+ Missing Connection. Location: On Out. Rotting, Extent: Mo Location: In Tidal	board Side Of Facil derate, Area Affecte	ity, Brac	-	4-5	\$2,300	A
Timber	45% Rotting, Extent: Lig Location: Through Other Observation, Location: Through	ht, Area Affected : A hout Extent : Light, Area	Affected	* *	4-5	\$39,100	A
Not Accessible	50%	- U	0				D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Marinas/Docks	Current Repair	Future	Replacement	M	aintenance		
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code	
Access Walkways							
Fender Piles, Wales and C	ho						
Timber	15% Now	\$500 2037	* *	3	\$200	A	
	Broken, Extent : Severe, Are						
	Location : Along South Ac	cess Walkway					
Timber	45%	2031	* *	3	\$500	A	
	Rotting, Extent : Light, Area	a Affected : 30%					
	Location : Tidal Zone						
	Other Observation, Extent:	Light, Area Affected .	30%				
	Location : Tidal Zone						
	Explanation: Abrasion						
Not Accessible	40%					D	
Floating Docks							
Anchor Piles							
Steel	7% 0-2	\$10,400 2042	* *	3-5	\$7,500	Α	
	Other Observation, Extent:		rted : 100%				
	Location : Seaplane Ramp						
	Explanation : Frozen Pile	Guide Rollers					
Steel	13%	2042	* *	3-5	\$18,800	A	
	Corrosion, Extent : Light, Area Affected : 50% Location : Throughout						
	Missing Coating, Extent: M	loderate, Area Affecte	d : 30%				
	Location : Tidal Zone And	l Above Mlw Elevation	ı				
Timber	20% 4+	\$21,400 2023	\$42,700	4-5	\$2,800	A	
	Abrasion, Extent : Severe, A	Area Affected : 30%					
	Location: Northwest And	West Center Docks					
Timber	15%	2023	\$32,100	4-5	\$3,800	A	
	Abrasion, Extent : Moderate	e, Area Affected : 30%			72,000		
	Location: Throughout	. 30					
Timber	5% Now	\$5,300 2023	\$10,700	4-5	\$700	A	
1111001	Other Observation, Extent :	. ,		. 5	Ψ7.00		
	Location : South West Do						
	Explanation : Broken Anc						
Not Accessible	40%					D	
110111000551010	TO/0					ע	

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

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
loating Docks Deck				
Steel	1% Now \$400 Other Observation, Extent: Severe, A Location: Throughout Explanation: Broken And Missing C	rea Affected : 25%	)	A
Timber	57% Surface Wearing/Scaling, Extent : Lig Location : Throughout	2020 \$20,000 ht, Area Affected : 15%	5 \$6,600	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 ψ17,700	
Steel	5% 2-4 \$14,300 Waterlogged/Damaged Floatation, Ex Location : Northwest Dock		3 \$300	A
Steel	45% 4+ \$25,700 Corrosion, Extent: Moderate, Area Ag Location: Throughout Missing Connections, Extent: Light, Ag Location: Southwest Dock And South	ffected : 50% Area Affected : 2%	5 \$4,900	A
Mooring Piles				
Timber	50% Rotting, Extent : Light, Area Affected : Location : Tidal Zone	2023 \$9,900 - 10%	1,200	В
Not Accessible	50%			D
rotective Structure				
Wave Attenuator	750/ N. 0110.100	0000 0100 500	φ.σ.σ.ο.ο	
Timber	75% Now \$119,100 Loose Connections, Extent: Moderate Location: Eastern End Missing Components, Extent: Severe,	, Area Affected : 5% Area Affected : 95%	) 4 \$55,700	A
	Location: Eastern End Of Access Tr			
Timber	25%	2023 \$66,200	4 \$27,900	A

Deck Elements

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

Marinas/Docks	C	urrent R	epair	Futur	e Replacement	M	aintenance	
System Component Type		il Date Years)	<b>Estimated Cost</b>	Year FY	<b>Estimated Cost</b>	Cycle (Yrs)	<b>Estimated Cost</b>	Priority Code
Deck Elements								
Railing								
Steel	98%			2020	\$796,700			A
	Corrosion, E. Location : T		ght, Area Affected out	: 5%				
Steel	2%	Now	\$3,300	2020	\$16,300			A
		•	Extent : Severe, A t Jetty Near Ice M		cted : 100%			
Electrical								
Conduit								
PVC	50%			2018	\$10,000			A
Not Accessible	50%							D
Lighting Fixture								
Incandescent	40%			2016	\$3,500			Α
Incandescent		Now	\$300	2017	\$5,300			Α
			xtent : Severe, Are	a Affecte	ed: 100%			
	Location : I							
	Explanation	ı : Missii	ng Bulbs					
Electrical/Mech.								
Power Supply/Bollards								
Plastic		Now	\$2,100	2020	\$41,700			Α
			xtent : Severe, Are		ed: 100%			
		_	out South Walkway	,				
	Explanation							
Steel		0-2	\$800	2020	\$15,100			Α
			xtent : Severe, Are	a Affecte	ed : 25%			
			y, North Gangway					
	Explanation	n : Wire S	Splice Exposed					
Mech./Plumbing								
Water Supply	500°		Φ27.200	2022	Φ <b>2.5</b> .200			
Galvanized Steel		Now	\$25,300	2022	\$25,300			Α
			xtent : Severe, Are		ed: 100%			
			ılkway And East Je		77			
		ı : Broke	n Connections, Br	oken Pip	e Hangers			
Not Accessible	50%							D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.

### **DEPT. OF SMALL BUSINESS SERV. - 801**

#### **Project: ECONOMIC DEVELOPMENT**

CAPITAL	F	Y 2015 - 2018		FY 2019 - 2024
Miscellaneous Buildings		269,400		101,000
EXPENSE	FY 2015	FY 2016	FY 2017	FY 2018
Miscellaneous Buildings	16,300	4,900	6,400	7,500

ASSET#	NAME	SQFT	CAPITAL	EXPENSE
2279	SOUTH BROOKLYN MARINE TERMINAL OFFICE BUILDING	2,646	70,900	4,500
2280	SOUTH BROOKLYN MARINE TERMINAL GATEHOUSE/GUARDHOUSE	60	0	1,300
2281	SOUTH BROOKLYN MARINE TERMINAL GATEHOUSE/GUARDHOUSE	60	0	1,300
2286	NEW YORK CITY TERMINAL MARKET BUILDING GH-1	225	0	4,800
2287	NEW YORK CITY TERMINAL MARKET BUILDING GH-2	192	0	4,100
2288	NEW YORK CITY TERMINAL MARKET CANOPY	1,837	49,300	3,200
2806	NEW YORK CITY TERMINAL MARKET BUILDING G-1	6,830	183,100	11,700
14266	PASSENGER WAIT AREA BUILDING WALL ST. FERRY PIER 11	2,500	67,000	4,300

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

<sup>\*\*</sup> Replacement cost estimated to be beyond ten years is not included in this report.